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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

CASTLE AFB CA
N 37 22 W 120 34 FLD ELEV 188 FT MER

WBAN #23203
WMO #72481

PARTS A-F
POR FROM HOURLY OBS: SEP 68 - DEC 70, JAN 73 - AUG 80

POR FROM DAILY OBS: JAN 49 - AUG 80

TIME CONVERSION GMT TO LST: -8

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 81/033	2. GOVT ACCESSION NO	3. RECIPIENT'S CATALOG NUMBER
4 TITLE *(and Subtitle)* Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Castle AFB, Merced, California		5. TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG REPORT NUMBER
7. AUTHOR*(s)*		8 CONTRACT OR GRANT NUMBER*(s)*
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11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 27 Feb 81 13 NUMBER OF PAGES 445
14 MONITORING AGENCY NAME & ADDRESS*(if different from Controlling Office)*		15 SECURITY CLASS *(of this report)* UNCLASSIFIED 15a DECLASSIFICATION DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT *(of this Report)*

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17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

19. KEY WORDS *(Continue on reverse side if necessary and identify by block number)*

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This report is a six-part statisitical summary of surface weather observations for Castle AFB, Merced, California

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* California **Castle AFB, Ca.

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The period of record for this document is:

Hourly POR: Sep 68-Dec 70, Jan 73-Aug 80
Daily POR: Jan 49-Aug 80

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. 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	WMO NUMBER
23203	CASTLE AFB CALIF/MERCED	N 37 22	W 120 34	188	MER	72481

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	Merced Army Air Fld, Calif.	AAF	Jan 42	Oct 44	N 37 20	W 120 31	173	176	24
2	Same	Same	Nov 44	Dec 45	N 37 22	W 120 34	Same	Same	24
3	Castle Fld, Calif.	Same	Jan 46	Nov 46	Same	Same	Same	Same	24
4	Castle AFB, Calif.	AFB	Dec 47	Feb 54	Same	Same	187	195	24
5	Same	Same	Mar 54	Jan 65	Same	Same	Same	178	24
6	Same	Same	Feb 65	Sep 66	Same	Same	198	197	24
7	Same	Same	Oct 66	Dec 72	Same	Same	Same	179	24
8	Same	Same	Dec 72	Dec 80	Same	Same	188	179	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan-May 42	Located on Post Operations Bldg#4.	Selsyn	ML=144	35 ft	
2	Jun-Oct 42	Located on Supply Bldg #122.	Same	Same	Same	
3	Nov 42to Apr 45	Located on Post Operations Bldg # 45.	Same	Same	38 ft	
4	May 45to Nov 46	Located on the Control Tower.	Same	Same	90 ft	
5	Dec 47to May 48	Same	Same	Same	76 ft	
6	Jun 48to Feb 54	Same	Same	Same	65 ft	

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	
7	Mar 54to Feb 56	Same	Same	Same	105 ft	
8	Mar 56to Feb 59	Located 300 ft NNW of Wind Tee.	AN/GMQ-11	RO-2	10 ft	
9	Mar 59to Feb 60	Located 900 ft on N side of Rnwy approximately at mid-point.	Same	Same	Same	
10	Mar 60to Feb 61	Located 5000 ft from approach end of Rnwy, 900 ft right from centerline.	Same	Same	13 ft	
11	Mar 61to Jan 65	Located mid-point of length of Rnwy and 900 ft to right of Active Rnwy.	Same	Same	15 ft	
12	Feb 65to Jun 70	1. Located 1350 ft up Rnwy 30,600ft NE of centerline.	AN/GMQ-11	RO-2	13 ft	
		2. Located 1300 ft up Rnwy 12,500ft NE of centerline.	Same	Same	Same	
13	Jul 70to Dec 72	1. Located 1350 ft from end of Rnwy 30,400 ft NE of centerline.	Same	Same	Same	
		2. Located 1300 ft from end of Rnwy 12,400 ft NE of certerline.	Same	Same	Same	
14	Dec 72to Dec 80	1. Located 1300 ft from centerline, 500 ft NE from end of runway 30.	GMQ-20	RO-362	Same	
		2. Located 1300 ft from centerline 500 ft NE from end of runway 12.				

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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.

74 29050

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-77,73-80 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		11.6		.1		11.7	45.5	20.5			56.1	930
	03-05		14.4				14.4	49.9	15.9			57.6	930
	06-08		16.9				16.9	56.3	17.4			62.3	930
	09-11		12.8				12.8	49.1	25.5			65.1	930
	12-14	.1	10.6				10.6	30.2	36.1			58.9	930
	15-17	.2	9.4				9.4	19.8	39.9			53.3	930
	18-20	.4	12.6				12.6	24.5	33.0			48.8	930
	21-23		13.0				13.0	36.6	26.8			52.4	930
TOTALS		.1	12.7		.0		12.7	39.0	26.9			56.8	7440

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		11.3				11.3	23.9	16.0			33.0	846
	03-05		10.6				10.6	31.2	13.1			37.5	846
	06-08		13.5		.1		13.5	42.0	13.4			47.2	846
	09-11	.1	10.8		.2		10.8	26.6	25.1			43.4	846
	12-14	.6	9.8				9.8	8.5	27.8		.2	34.6	846
	15-17	.2	11.7				11.7	5.1	25.1			28.4	846
	18-20	.5	11.5				11.5	6.9	23.4			27.8	846
	21-23	.1	11.7				11.7	16.1	19.1			28.1	846
TOTALS		.2	11.4		.0		11.4	20.0	20.4		.0	35.0	6768

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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	.1	8.1				8.1	8.0	4.8			10.4	930
	03-05		7.0				7.0	13.3	4.4			16.1	930
	06-08		6.3				6.3	21.9	14.3			29.6	930
	09-11	.2	5.7				5.7	6.5	17.3			21.2	930
	12-14	.3	7.3		.1		7.3	1.0	14.5			15.1	930
	15-17	.8	7.4				7.4	.6	10.8		.1	11.5	930
	18-20	.2	6.7				6.7	.6	8.5			9.0	930
	21-23	.2	7.2				7.2	1.8	5.8			6.5	930
TOTALS		.2	7.0		.0		7.0	6.7	10.1		.0	14.9	7440

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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		2.7				2.7	1.0	.9			1.7	900
	03-05		3.2				3.2	2.2	1.7			3.6	900
	06-08		3.8				3.8	6.1	7.7			12.0	900
	09-11	.1	3.1				3.1	1.2	5.7			6.8	900
	12-14	.6	3.9		.1	.1	3.9	.7	3.6		.1	4.3	900
	15-17	.4	5.9				5.9	.4	2.9		.2	3.6	900
	18-20	.1	4.3				4.3	.6	1.7			2.2	900
	21-23	.1	2.8				2.8	.3	.6			.9	900
TOTALS		.2	3.7		.0	.0	3.7	1.6	3.1		.0	4.4	7200

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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.1	.8				.8						930
	03-05		1.0				1.0	.1	1.2			1.3	930
	06-08		.5				.5	.1	4.5		.1	4.6	930
	09-11		.5				.5		1.1		.3	1.4	930
	12-14		.8				.8		1.8		.1	1.9	930
	15-17	.1	1.0				1.0		1.2			1.2	930
	18-20	.1	1.2				1.2	.3	.9		.1	1.3	930
	21-23	.1	1.3				1.3						930
TOTALS		.1	.9				.9	.1	1.3		.1	1.5	7440

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		1.1				1.1						900
	03-05	.3	1.0				1.0		.9			.9	900
	06-08		.7				.7		1.9			1.9	900
	09-11		1.0				1.0		1.3			1.3	899
	12-14		1.1				1.1		2.0		.2	2.1	900
	15-17	.1	.8				.8		1.4		.6	1.7	900
	18-20		.8				.8		.9		.1	.9	900
	21-23	.1	.7				.7						900
TOTALS		.1	.9				.9		1.1		.1	1.1	7199

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (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
JUL	00-02	.6	.5				.5	.3	.3			.6	930
	03-05	.2	.2				.2	.3	.8			1.1	930
	06-08	.1	.6				.6	.2	2.8			3.0	930
	09-11		.3				.3	.1	1.3			1.4	930
	12-14		1.1				1.1	.2	1.1			1.3	930
	15-17		.2				.2	.3	.4			.8	930
	18-20		.3				.3	.3	.9			1.2	930
	21-23	.2	.2				.2	.3	.1			.4	930
TOTALS		.1	.4				.4	.3	1.0			1.2	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | AUG (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
AUG	00-02		.4				.4	.3				.3	930
	03-05		.6				.6	.6	1.3			1.6	930
	06-08		.2				.2	1.0	8.5			8.7	930
	09-11		.4				.4		4.9			4.9	930
	12-14		.6				.6		2.9			2.9	930
	15-17		.4				.4		3.6			3.6	928
	18-20		.3				.3		1.8			1.8	927
	21-23								.3			.3	927
TOTALS			.4				.4	.2	2.9			3.0	7432

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.4	1.3				1.3	.8	.4			1.1	900
	03-05	.3	1.3				1.3	1.0	1.2			1.8	900
	06-08		1.0				1.0	3.8	15.0			16.2	900
	09-11	.2	.8				.8	.8	6.9			7.3	900
	12-14	.1	.6				.6	.3	3.0			3.0	900
	15-17	.2	1.6				1.6	.3	1.8		.1	1.9	900
	18-20	.3	1.1				1.1	.4	1.7		.1	2.1	900
	21-23	.6	1.4				1.4	.4	1.0			1.4	900
TOTALS		.3	1.1				1.1	1.0	3.9		.0	4.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.2	3.7				3.7	3.1	15.1			17.1	930
	03-05	.2	2.4				2.4	7.8	18.8			22.3	930
	06-08	.1	2.6				2.6	20.0	40.3			45.9	930
	09-11		2.8				2.8	4.7	37.8		.2	40.2	930
	12-14	.2	3.0				3.0	.9	28.7		.5	29.8	930
	15-17		3.3				3.3	1.1	22.0		.5	23.5	930
	18-20		2.2				2.2	.9	16.3		.1	17.1	930
	21-23		1.7				1.7	2.8	14.3			15.6	930
TOTALS		.1	2.7				2.7	5.2	24.2		.2	26.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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
NOV	00-02		7.1				7.1	32.9	25.2			49.0	900
	03-05		7.6		.1		7.6	41.4	22.1			53.6	900
	06-08		6.4		.1		6.4	49.0	27.2			61.6	900
	09-11		4.8				4.8	31.9	40.1			59.6	900
	12-14		3.6				3.6	8.6	48.7		.3	54.3	900
	15-17		5.4				5.4	3.7	49.2		.1	51.9	900
	18-20		4.9				4.9	8.9	42.7			46.7	900
	21-23		5.6		.1		5.6	24.0	36.2		.1	48.1	900
TOTALS			5.7		.0		5.7	25.1	36.4		.1	53.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (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.
DEC	00-02		9.8		.2		9.9	49.9	24.3		.4	63.7	930
	03-05		9.4				9.4	56.3	20.3		.3	66.6	930
	06-08		10.0				10.0	64.3	19.9		.3	71.6	930
	09-11		8.0				8.0	53.2	32.7		.3	72.6	930
	12-14	.1	6.1				6.1	28.9	46.3		.4	66.3	930
	15-17	.1	9.2				9.2	19.8	49.7		.3	61.4	928
	18-20		7.2				7.2	29.1	37.9			57.9	927
	21-23		6.8		.1		6.8	43.0	33.4		.5	63.2	927
TOTALS		.0	8.3		.0		8.3	43.1	33.1		.3	65.4	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (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	.1	12.7		.0		12.7	39.0	26.9			56.8	7440
FEB		.2	11.4		.0		11.4	20.0	20.4		.0	35.0	6768
MAR		.2	7.0		.0		7.0	6.7	10.1		.0	14.9	7440
APR		.2	3.7		.0	.0	3.7	1.6	3.1		.0	4.4	7200
MAY		.1	.9				.9	.1	1.3		.1	1.5	7440
JUN		.1	.9				.9		1.1		.1	1.1	7199
JUL		.1	.4				.4	.3	1.0			1.2	7440
AUG			.4				.4	.2	2.9			3.0	7432
SEP		.3	1.1				1.1	1.0	3.9		.0	4.4	7200
OCT		.1	2.7				2.7	5.2	24.2		.2	26.4	7440
NOV			5.7		.0		5.7	25.1	36.4		.1	53.1	7200
DEC		.0	8.3		.0		8.3	43.1	33.1		.3	65.4	7432
TOTALS		.1	4.6		.0	.0	4.6	11.9	13.7		.1	22.3	87631

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

23203 (STATION) CASTLE AFB CA (STATION NAME) 49-80 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR S EET	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	1.0	41.3		.5	.4	41.4	71.0	56.2			78.3	992
FEB		2.3	37.7		.1	.3	37.7	58.4	52.8			66.7	903
MAR		2.7	30.3		.1	1.3	30.3	29.2	32.9			41.9	992
APR		3.1	20.5		.2	1.2	20.5	10.3	15.7			19.6	938
MAY		1.8	11.5			.2	11.5	2.3	8.2		.2	9.8	971
JUN		1.2	4.9				4.9	.5	6.4		.3	7.1	950
JUL		.6	3.9				3.9	.7	6.5			6.6	989
AUG		.3	2.1				2.1	1.2	9.0			9.4	992
SEP		2.7	5.9				5.9	7.0	28.1			29.2	930
OCT		1.2	11.1			.2	11.1	24.8	53.7		.6	57.0	961
NOV		.6	28.0		.2	.1	28.0	62.5	70.5			82.2	930
DEC		.8	38.7	.1	.4	.3	38.7	75.9	63.8		.2	84.5	961
TOTALS		1.5	19.7	.0	.1	.3	19.7	28.6	33.6		.1	41.0	11509

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

... the means and standard deviations do not include measurements from incomplete months.

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

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

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

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

2.03 STATION | CASTLE AFB CA STATION NAME | 49-8? YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	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
SNOWFALL	NONE	TRACE	01 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					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49-60	61 120	OVER 120					
JAN	58.?	14.?	2.4	4.3	?.7	6.4	5.?	4.3	1.5					27.5	992	2.49	8.?6	.??
FEB	61.8	11.1	?.3	4.4	4.?	5.6	5.?	?.4	1.3					?7.1	994	1.91	5.74	.?9
MAR	??.4	?.6	?.?	4.?	?.4	5.6	4.1	?.?	.?					??.9	992	1.??	6.?9	TRACE
APR	76.?	6.1	.7	?.7	?.?	3.5	3.4	?.3	.4					13.3	96?	1.?8	3.?6	TRACE
MAY	98.?	5.?	.6	1.7	.6	1.?	1.?	.?						6.4	992	.??	1.1?	.??
JUN	94.6	?.1	.?	1.3	.3	.3	.?							2.4	960	.?6	.46	.??
JUL	??.?	3.?		.3	.?			.1						.6	992	.??	.?4	.??
AUG	97.?	1.3		.3	.1	.4	.1							.9	992	.?4	.49	.??
SEP	93.9	?.7	.?	1.1	.?	1.1	.?	.1	.1					?.4	?60	.17	1.43	.??
OCT	?8.?	4.4	1.?	1.?	.9	.9	1.?	.4	.?					7.1	961	.?4	?.??	.??
NOV	7?.1	?.1	1.6	4.4	1.6	4.?	?.?	3.7	.?					18.7	929	1.48	4.?5	.??
DEC	63.?	11.?	3.?	4.7	?.6	5.4	4.?	2.4	.9					23.?	96?	1.61	7.?3	.?4
ANNUAL	?1.?	7.?	1.3	2.6	1.5	3.0	?.?	1.6	.4					15.?	11564	11.69		

1210 WS FORM JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	.52	.27	.82	TRACE	.29	TRACE	TRACE	TRACE	.00	TRACE	.41	.42	.82
50	.67	.68	.86	.63	.02	.00	TRACE	.00	.12	.39	.24	.90	.90
51	.47	.40	.13	.80	.31	TRACE	.00	.00	.00	.65	.73	1.15	1.15
52	1.91	.20	.60	.85	.18	.02	TRACE	.00	.08	TRACE	.64	.77	1.91
53	.18	.07	.44	.84	.14	.44	.00	TRACE	.00	.20	.81	.88	.88
54	1.01	1.04	1.05	1.16	.30	.21	.00	.00	.00	.00	.55	.92	1.16
55	1.03	.30	.25	.37	.54	.00	TRACE	TRACE	.00	.08	.51	1.52	1.52
56	.97	.25	.11	1.49	.24	TRACE	TRACE	.00	.11	.34	TRACE	.30	1.49
57	.74	.40	.20	.57	.49	.06	TRACE	.00	.10	.25	.74	.50	.74
58	1.16	1.03	1.66	.89	.51	.03	TRACE	TRACE	.14	TRACE	.02	.12	1.66
59	1.16	.45	.06	1.13	.11	.00	TRACE	TRACE	1.28	.00	.00	.13	1.28
60	.69	1.12	.52	.77	TRACE	.00	TRACE	.00	.02	.04	.73	.51	1.12
61	.96	.38	.69	.38	.46	.04	TRACE	.04	.28	TRACE	1.05	.71	1.05
62	.64	1.34	.32	.04	TRACE	TRACE	TRACE	.00	.00	.40	.25	1.38	1.38
63	1.35	1.68	.54	.68	.29	.05	.00	.00	.25	1.02	.73	.10	1.68
64	.52	.07	.33	.15	.14	.33	TRACE	.12	.00	.79	.67	.80	.80
65	.39	.46	.47	.48	TRACE	.00	TRACE	.16	.00	.10	.95	.49	.95
66	.76	.14	.18	.33	.09	TRACE	TRACE	.00	TRACE	.00	.48	.70	.76
67	.84	.17	.63	.78	.05	.11	.00	.00	.09	.04	.42	.29	.84
68	.58	.58	.57	.32	.05	.00	.00	TRACE	.00	.50	.73	.71	.73
69	2.22	.65	.36	1.06	TRACE	.02	TRACE	.00	.21	.50	.78	.40	2.22
70	.83	.19	.85	.12	TRACE	.03	TRACE	.00	.00	.31	.82	.51	.85
71	.30	.18	.45	.46	.34	.00	TRACE	TRACE	.07	.42	.41	.82	.82
72	.61	.38	TRACE	.34	TRACE	TRACE	.00	.00	.03	.27	.93	.52	.93
73	.86	1.38	.67	.04	TRACE	TRACE	.00	.00	.00	1.77	.67	1.17	1.77
74	.40	.24	.62	.83	.00	.06	.64	.00	.00	.58	.21	1.50	1.50
75	.31	1.06	.69	.53	.00	.00	.06	.46	TRACE	1.47	.26	.01	1.47
76	.19	.73	.42	.66	.05	.05	.04	.24	.54	.05	.57	.48	.73
77	.44	.30	.95	.08	.35	.21	.00	.00	TRACE	.01*	.31*	1.16	* 1.16
78	1.16	.90	.91	.84	.00	.00	TRACE	.00	.25	.00	1.23	.34	1.23
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	1.35	.85	.51	.33	.12	TRACE	.07	.00	.04	.50	.53	.95	1.35
80	.97	1.23	.46	.30	.23	.03	.03	.00					
MEAN	.818	.598	.541	.570	.166	.053	.026	.032	.116	.345	.569	.657	1.190
S D	.459	.439	.338	.369	.174	.103	.113	.094	.247	.435	.307	.404	.400
TOTAL OBS	992	904	992	960	992	960	992	992	930	961	929	960	11564

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	1.15	1.42	2.38	TRACE	.47	TRACE	TRACE	TRACE	.00	TRACE	.77	1.16	7.35
50	3.49	1.25	1.14	.64	.02	.00	TRACE	.00	.12	1.42	.76	2.25	11.09
51	1.45	1.36	.18	1.07	.36	TRACE	.00	.00	.00	.69	1.41	4.05	10.57
52	5.05	.60	2.60	1.70	.18	.02	TRACE	.00	.08	TRACE	1.04	2.20	13.47
53	.56	.09	.89	1.84	.20	.46	.00	TRACE	.00	.20	1.59	.92	6.75
54	1.39	1.55	2.82	1.34	.30	.26	.00	.00	.00	.00	.98	1.68	10.32
55	4.04	.58	.26	1.16	.82	.00	TRACE	TRACE	.00	.08	.83	7.38	15.15
56	3.87	.69	.11	2.40	.54	TRACE	TRACE	.00	.18	.53	TRACE	.42	8.74
57	2.08	1.63	.74	.93	1.03	.06	TRACE	.00	.10	.36	.76	2.22	9.91
58	3.46	4.27	6.39	3.47	.77	.03	TRACE	TRACE	.21	TRACE	.03	.13	18.76
59	2.66	1.98	.11	1.50	.11	.00	TRACE	TRACE	1.63	.00	.00	.15	8.14
60	2.05	2.51	.65	1.65	TRACE	.00	TRACE	.00	.03	.04	1.95	.54	9.42
61	2.47	.84	1.79	.55	.46	.04	TRACE	.04	.28	TRACE	2.73	1.17	10.37
62	1.34	5.74	.77	.06	TRACE	TRACE	TRACE	.00	.00	.40	.27	2.03	10.61
63	2.37	3.01	1.87	2.82	.44	.05	.00	.00	.26	1.47	2.36	.10	14.75
64	.99	.18	1.57	.28	.24	.41	TRACE	.12	.00	1.48	2.17	3.51	10.95
65	1.22	.74	1.22	2.01	TRACE	.00	TRACE	.20	.00	.10	4.25	2.03	11.77
66	1.27	.40	.31	.55	.17	TRACE	TRACE	.00	TRACE	.00	1.70	2.23	6.63
67	2.41	.18	1.72	3.96	.12	.16	.00	.00	.09	.04	1.47	.55	10.70
68	1.74	1.52	1.63	.32	.05	.00	.00	TRACE	.00	.72	2.76	2.88	11.62
69	8.08	4.24	1.01	1.59	TRACE	.02	TRACE	.00	.26	.65	1.59	1.15	18.59
70	3.81	.91	1.84	.16	TRACE	.04	TRACE	.00	.00	.71	3.28	1.89	12.64
71	.84	.49	1.16	1.18	1.16	.00	TRACE	TRACE	.07	.42	.87	2.62	8.81
72	.79	.75	TRACE	.64	TRACE	TRACE	.00	.00	.05	.65	4.21	1.61	8.70
73	3.57	4.99	3.49	.04	TRACE	TRACE	.00	.00	.00	2.28	1.52	4.17	20.06
74	1.74	.81	2.26	1.50	.00	.06	.64	.00	.00	1.41	.35	2.22	10.99
75	.78	3.43	3.14	1.77	.00	.00	.06	.46	TRACE	2.14	.43	.04	12.25
76	.20	1.96	.53	1.68	.05	.05	.04	.49	1.28	.05	1.04	.61	7.98
77	.74	.49	1.19	.11	.94	.25	.00	.00	TRACE	.01*	.36*	2.53	* 6.62
78	5.58	4.19	4.18	3.12	.00	.00	TRACE	.00	.62	.00	1.90	.68	20.27
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	4.73	3.61	1.78	.33	.12	TRACE	.07	.00	.04	.95	1.25	1.73	14.61
80	3.78	4.76	.99	.74	.48	.03	.05	.00					
MEAN	2.491	1.912	1.585	1.285	.282	.061	.027	.041	.171	.542	1.476	1.811	11.732
S D	1.760	1.639	1.358	1.035	.340	.118	.113	.121	.370	.660	1.124	1.541	3.775
TOTAL OBS	992	904	992	960	992	960	992	992	930	961	929	960	11564

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

2203 STATION | CASTLE AFB CA STATION NAME | 49-82 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	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					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	99.	.2	.1	.1										.2	992	TRACE	.7	.1
FEB	100.														903	.0	.0	.0
MAR	99.7	.3													992	TRACE	TRACE	.0
APR	99.9	.1													960	TRACE	TRACE	.0
MAY	100.														992	.0	.0	.0
JUN	100.														960	.0	.0	.0
JUL	100.														992	.0	.0	.0
AUG	100.														992	.0	.0	.0
SEP	100.														960	.0	.0	.0
OCT	100.														961	.0	.0	.0
NOV	99.	.2													959	TRACE	TRACE	.0
DEC	99.	.3		.1										.1	960	TRACE	.9	.0
ANNUAL	99.9	.1	.0	.0										.0	11563	.		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

23203 (STATION) CASTLE AFB CA (STATION NAME) 49-80 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
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
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
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	TRACE	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9
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	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	*TRACE	* .0	*TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88 5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0*	.0	.0	.0	.0	.0	.0	.0					
MEAN	.02	.00	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	.03	.05
S D	.106	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.164	.194
TOTAL OBS	992	903	992	960	992	960	992	992	930	961	929	960	11563

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
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	.7	.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
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
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	TRACE	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9
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	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	*TRACE*	.0	*TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23203 (STATION) CASTLE AFB CA (STATION NAME) 49-80 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0*	.0	.0	.0	.0	.0	.0	.0					
MEAN	.02	.00	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	.03	.05
S D	.124	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.164	.204
TOTAL OBS	992	903	992	960	992	960	992	992	930	961	929	960	11563

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

2603 — STATION
CASTLE AFB CA — STATION NAME
49-87 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	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					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37-48	49 60	61 120	OVER 120					
JAN	[illegible]	[illegible]													992			
FEB	[illegible]														903			
MAR	[illegible]														992			
APR	[illegible]														[illegible]			
MAY	[illegible]														992			
JUN	[illegible]														960			
JUL	[illegible]														992			
AUG	[illegible]														992			
SEP	[illegible]														930			
OCT	[illegible]														961			
NOV	[illegible]														929			
DEC	[illegible]														962			
ANNUAL	[illegible]	[illegible]													11563			

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23213 (STATION) CASTLE AFB CA (STATION NAME) 49-80 (YEARS)

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	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	0	0	0	0	0	0	0	0	0	0	0	0	0
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
57	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
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
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0*	0	0	0	0	0	0	0					
MEAN	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	992	903	992	960	992	960	992	992	930	961	929	960	11563

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

   a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

   b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 50-80
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												N 39	
51	SE 33	SE 27	NW 28	WNW 25	NNW 34	NW 30	NW 22	NW 19	NW 21	NW 26	ESE 34	ESE 41	ESE 41
52	SE 51	S 28	SE 49	SE 30	N 33	NW 26	NW 23	NW 19	N 30	Nw 19	SE 35	SE 43	SE 51
53	SE 36	NW 43	SE 38	NW 33	SW 33	NW 26	NW 26	NW 23	NNW 30	SE 36	SE 34	NW 29	NW 43
54	ESE 43	ESE 40	ESE 30	NW 38	NW 30	NW 40	NW 29	NNW 29	NW 29	NW 39	SE 35	SE 47	SE 47
55	SE 43	NW 54	NW 42	NW 42	NW 43	NW 32	NNW 30	NW *22	NNW 35	NNW 37	ESE 37	SE *36	NW 54
56	SE 50	NW 49	NW 44	E 40	W 29	NNW*29	NNW 23	NW *23	WSW 28	WNW*25	NW 28	NW *22	SE 50
57	SE *35	SE *35	NW 29	NNW 36	S 27	NNW 25	SW 22	NNW 21	NW 22	NNW 26	WNW 21	ESE 28	NNW 36
58	SE 34	SE 31	S 36	SE 35	NNW 21	SW 24	N *22	NW *20	WSW*25	NNW 22	NW 26	SE 20	S 36
59	SE 40	ESE 42	NW 25	N 25	NW 28	NW 24	NNW 20	W 22	SE 26	NW 36	NW 25	NW 37	ESE 42
60	SE 33	SSE 35	S 30	NW 32	NW 30	WNW 26	NW 20	NW 22	NW 25	WNW 36	SW 30	SE 33	WNW 36
61	S 23	NW 27	NW 31	NNW 31	NW 30	NW 25	NNW 28					SE *24	
62	SSE 36	ESE 40	SE 34	NW 28	NW 25	NW 23	NNW 18	NNW 21	NW 42	SSE 43	NNW 28	SE 26	SSE 43
63	SSE 38	SSE 27	SE 30	WSW*22	W *24	NNW 29	NNW 22	NW 19	WNW 24	NW 21	ESE 33	NNW 17	SSE 38
64	SE 51	WNW*44		NW *29	WSW 27	SSE 29	WNW 22	NW 22	WNW 23	WSW 24	ESE 34	E 37	
65	ESE 34	NW 35	S 26	SE 34	Nw 32	WSW 29	WNW 19	NW 25	WNW 29	NW 28	SE 31	ESE 34	NW 35
66	SE 36	NW 37	W 27	NW 29	WSW 24	WNW 26	NW 24	NNW 24	NW 26	NW 33	ESE 33	SSE 36	NW 37
67	ESE 47	WNW 30	SSE 32	NNE 30	ESE*23	SSE 20	NNW 19	NW 18	W 22	W 28	SSE 28	NW 42	ESE 47
68	SE 32	ESE 28	ESE 26	NNW 48	WNW 28	NW 30	32/ 20	29/ 25	34/ 22	7/ 24	11/ 36	14/ 33	NNW 48
69	11/ 40	11/ 46	34/ 35	32/ 27	29/ 24	34/ 25	34/ 19	32/ 21	5/ 21	34/ 33	34/ 20	14/ 34	11/ 46
70	13/ 35	15/ 28	12/ 34	30/ 28	33/ 25	27/ 27	33/ 18	33/ 18	33/ 24	33/ 24	14/ 46	14/ 36	14/ 46
71	32/ 34	32/ 34	17/ 38	35/ 32	33/ 30	34/ 26	32/ 22	32/ 26	32/ 26	33/ 40	13/ 26	14/ 45	14/ 45
72	14/ 39	14/ 26	32/ 31	15/ 36	15/ 30	26/ 28	32/ 20	32/ 20	28/ 21	19/ 30	12/ 34	13/ 40	13/ 40
73	16/ 42	14/ 34	13/ 38	34/ 30	33/ 22	15/ 30	33/ 22	32/ 24	33/ 24	14/ 35	17/ 44	19/ 32	17/ 44
74	33/ 30	15/ 37	16* 38	25/ 33	33/ 24	34/ 29	36/ 24	35/ 23	33/ 18	24/ 34	34/ 22	33/ 39	33/ 39
75	15/ 36	16/ 38	34/ 40	27/ 26	35/ 38	36/ 21	35/ 18	35/ 20	34/ 19	32/ 32	33/ 26	33/ 22	34/ 40
76	35/ 16	15/ 23	14/ 39	33/ 34	34/ 26	32/ 26	32/ 23	35/ 22	30/ 23	32/ 23	35/ 19	33/ 23	14/ 39
77	15/ 33	34/ 31	33/ 33	32/ 33	21/ 27	24/ 25	33/ 22	35/ 20	33/ 23	33/ 22	11/ 34	14/ 41	14/ 41
78	12/ 43	14/ 41	12/ 45	35/ 26	34/ 36	34/ 29	27/ 24	34/ 25	35/ 30	33/ 31	12/ 29	33/ 50	33/ 50
79	14/ 41	13/ 32	14/ 35	35/ 32	32/ 31	32/ 28	33/ 23	34/ 20	33/ 23	33/ 30	33/ 23	13/ >9	14/ 41
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 50-80
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
80	13/ 35	33/ 34	35/ 36	34/ 27	36/ 36	33/ 23	32/ 20	29/ 23					
MEAN	37.3	34.9	34.3	32.1	29.4	26.9	22.1	22.0	25.4	30.1	30.4	34.9	42.8
S D	7.631	7.520	6.135	5.380	5.050	3.779	3.063	2.690	5.124	6.498	6.618	8.283	4.423
TOTAL OBS	923	834	882	892	910	892	912	877	830	852	832	913	10549

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) $ (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)

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	1.1	.5	.2								3.3	4.6
NNE	.5	.1	.1									.8	3.3
NE	.5	.3										.9	3.0
ENE	.2		.1									.3	4.7
E	1.5	1.1										2.6	3.2
ESE	3.6	1.9	.9	.2	.3	.1						7.0	5.0
SE	2.8	2.4	2.2	2.8	1.2	.1						11.4	8.7
SSE	2.0	2.8	1.6	1.1	.4	.5	.1					8.6	8.2
S	1.4	3.2	.5	.3								5.5	4.8
SSW	.5	.9	.1									1.5	4.0
SW	.4	.5	.1	.1	.1							1.3	5.9
WSW	.4	.1										.5	2.2
W	.5	.5	.1									1.2	4.3
WNW	.4	.9										1.3	3.8
NW	.6	.4	.5	.2								1.8	5.9
NNW	1.2	2.4	1.3	.3								5.2	5.6
VARBL													
CALM												46.8	
	18.3	18.6	8.1	5.3	2.0	.8	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	1.2	1.4	.6	.3								3.3	5.6
NNE	1.4	.1	.1									1.6	2.5
NE	1.1	.1										1.2	2.3
ENE	.2		.1									.3	4.3
E	2.4	.6	.2									3.2	3.0
ESE	2.3	2.2	1.0	.3	.5	.1						6.3	6.4
SE	1.9	2.6	2.4	2.3	.6	.1						9.9	8.3
SSE	1.3	2.5	1.6	1.4	1.1	.6						8.5	9.6
S	2.3	2.4	.4	.1	.1							5.1	4.5
SSW	.9	1.0	.1									1.9	3.8
SW	.2	.4	.1	.1								.9	5.5
WSW		.1										.1	5.0
W	.3	.2	.1									.6	4.7
WNW	.2	.2										.4	3.5
NW	.5	.9	.6	.3								2.4	6.6
NNW	1.6	1.5	1.7	.9								5.7	6.5
VARBL													
CALM												48.5	
	17.3	16.1	9.1	5.7	2.4	.9						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	1.6	1.2	1.0									3.8	4.6
NNE	.5	.5	.2									1.3	4.3
NE	.5											.5	2.2
ENE	.2	.1										.3	2.7
E	1.2	1.0	.1									2.3	3.3
ESE	1.6	1.9	1.0	.3		.3	.1					5.3	7.0
SE	2.9	3.2	2.3	2.9	1.2	.4						12.9	8.9
SSE	1.7	3.3	2.0	1.2	.4	.2						8.9	7.4
S	1.7	2.2	1.2	.3	.2		.1					5.7	6.3
SSW	.8	.4	.3									1.5	4.4
SW	.4	.5	.1									1.1	3.9
WSW	.1	.1	.1									.3	5.3
W	.4	.5										1.0	3.4
WNW	.4	.3	.3									1.1	5.0
NW	.3	.8	.6	.8								2.5	7.9
NNW	1.8	1.2	1.3	.9								5.2	6.3
VARBL													
CALM												46.5	
	16.3	17.3	10.5	6.3	1.8	1.0	.2					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	1.4	2.3	1.2	.2								5.1	5.1
NNE	1.1	.2	.2									1.5	3.4
NE	.3											.3	2.7
ENE	.8	.3	.1									1.2	3.3
E	1.1	.8	.1									1.9	3.6
ESE	2.2	1.4	.6	.5	.3	.1						5.2	6.4
SE	3.0	4.9	3.7	3.5	1.6	.5	.2					17.5	9.1
SSE	2.2	3.8	3.3	3.2	.6	.1	.1					13.3	8.2
S	2.0	2.5	1.5	.3	.1							6.5	5.3
SSW	.9	.4	.3	.2	.1							1.9	5.6
SW	1.1	.4		.1								1.6	3.9
WSW	.6	.1	.1									.9	3.1
W	1.2	.3										1.5	2.6
WNW	.3	.3		.2								.9	4.9
NW	1.2	.6	.5	1.0								3.3	6.8
NNW	.5	1.7	2.7	2.0	.1							7.1	8.7
VARBL													
CALM												30.3	
	19.8	20.1	14.4	11.4	2.9	.8	.3					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 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	2.3	2.4	3.0	.3								8.0	6.1
NNE	1.2	.4	.1									1.7	2.9
NE		.1										.1	5.0
ENE	.2	.1										.3	2.3
E	.2	.1	.2	.1								.6	6.8
ESE	1.2	1.1	.8	.5	.1							3.7	6.6
SE	2.0	2.3	3.9	3.9	2.0	.6	.1					14.8	10.8
SSE	.8	2.2	2.3	3.9	.1	.4						9.6	9.8
S	2.8	2.0	1.6	.5	.2							7.2	5.6
SSW	1.7	1.1	.6	.1								3.5	4.4
SW	1.1	.4	.5	.3								2.4	5.5
WSW	1.1	.4		.2	.1							1.8	5.4
W	1.4	1.0	.3									2.7	3.9
WNW	1.8	1.0	.2									3.0	3.3
NW	1.3	1.6	1.0	.4	.3							4.3	6.9
NNW	1.7	2.3	2.8	2.2	.5							9.5	8.2
VARBL													
CALM												26.8	
	20.4	18.4	17.3	12.5	3.4	1.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	4.1	3.0	1.6	.3								9.2	4.6
NNE	1.0	1.2										2.2	3.6
NE	.3	.4										.8	3.7
ENE	.2	.2										.4	3.0
E	.3	.2	.1		.1							.8	5.7
ESE	1.1	1.0	1.2	.4	.2							3.9	6.9
SE	2.2	2.3	3.0	3.1	1.3	.6	.1					12.6	10.2
SSE	1.3	1.6	2.0	1.8	.4	.3						7.5	9.0
S	1.4	3.4	1.6	.3								6.8	5.6
SSW	.8	1.8	.3	.2	.1							3.2	5.5
SW	1.1	.5	.6	.2								2.5	5.2
WSW	.2		.4	.4								1.2	8.1
W	1.0	.8	.2									1.9	3.7
WNW	1.2	.9	.4	.1								2.6	4.6
NW	1.4	1.7	1.1	.8								4.9	6.3
NNW	2.4	3.1	3.7	1.6	.8							11.5	7.6
VARBL													
CALM												28.1	
	19.9	22.2	16.6	9.4	2.9	1.0	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23223 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	2.3	.9	.5									3.7	3.5
NNE	.5	.6										1.2	3.3
NE	.8	.1										.9	2.6
ENE	.4											.4	2.0
E	1.3	.8	.1	.1								2.3	4.0
ESE	2.0	1.9	1.0	.8								5.7	5.5
SE	1.9	2.2	1.6	1.7	1.0	.5	.2	.1				9.2	10.1
SSE	1.6	2.0	1.8	1.5	.6	.2						7.8	8.5
S	2.5	1.9	1.1	.4	.1							6.0	5.3
SSW	1.2	.6	.3	.1								2.3	4.1
SW	.5	.5	.2									1.3	4.0
WSW	.4	.4		.1								1.0	4.7
W	.3	1.0	.1	.1								1.5	4.6
WNW	1.5	1.6	.2									3.3	3.7
NW	1.4	1.9	1.1	.6								5.1	6.1
NNW	2.5	3.3	1.5	.3	.2							7.8	5.3
VARBL													
CALM												10.5	
	21.2	19.9	9.6	5.8	1.9	.8	.2	.1				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB LA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	2.0	1.1	.6									3.8	3.8
NNE	.3	.1										.4	2.8
NE	.4	.3										.8	3.6
ENE	.4	.4										.9	3.6
E	1.6	1.2										2.8	3.1
ESE	2.7	3.3	1.4	.3								7.7	4.9
SE	2.4	4.0	2.3	2.5	1.4	.1						12.6	8.7
SSE	2.0	2.8	.6	1.0	.6	.4	.1					7.6	8.3
S	1.5	2.2	.9	.4	.2							5.2	6.0
SSW	.4	.5	.1	.1								1.2	4.8
SW	.4	.8	.2									1.4	5.1
WSW	.3	.2	.1									.6	4.5
W	.3	.3	.1									1.2	3.4
WNW	1.3	.6	.1									2.0	3.7
NW	1.3	1.1	.8	.1								3.2	4.9
NNW	1.6	1.5	1.3									4.4	5.0
VARBL													
CALM												44.2	
	19.6	21.4	8.5	4.4	2.3	.5	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23273 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (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	1.7	1.2	.2								5.0	4.9
NNE	.8	.4	.1									1.3	3.3
NE	.5	.2										.7	2.9
ENE	.3	.1	.0									.5	3.3
E	1.2	.7	.1	.0	.0							2.1	3.6
ESE	2.1	1.8	1.0	.4	.2	.1	.0					5.6	5.9
SE	2.4	3.0	2.6	2.8	1.3	.4	.1	.0				12.6	9.4
SSE	1.6	2.6	1.9	1.9	.6	.4	.0					9.0	8.6
S	1.9	2.5	1.1	.3	.1		.0					6.0	5.4
SSW	.9	.8	.3	.1	.0							2.1	4.6
SW	.7	.5	.2	.1	.0							1.5	4.9
WSW	.4	.2	.1	.1	.0							.3	5.1
W	.7	.6	.1	.0								1.5	3.8
WNW	.9	.7	.2	.0								1.8	3.9
NW	1.0	1.1	.8	.5	.0							3.4	6.4
NNW	1.7	2.1	2.0	1.0	.2							7.0	6.9
VARBL													
CALM												39.0	
	19.1	19.1	11.8	7.6	2.5	.8	.1	.0				170.0	4.1

TOTAL NUMBER OF OBSERVATIONS 7439

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (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	1.7	2.7	.7									5.1	4.6
NNE	.8	.1										.9	3.0
NE	.6	.1	.1									.8	3.3
ENE	.5	.4										.8	3.1
E	2.4	1.4	.2									4.0	3.5
ESE	2.7	2.8	1.9	.6	.1	.1						8.3	5.9
SE	2.2	2.6	2.5	1.8	.9	.2						10.5	8.2
SSE	.2	1.7	.9	1.2	.8	.1						5.0	9.9
S	.4	1.2	.7	.5								2.7	6.9
SSW	.1	.1										.2	3.0
SW	.2	.4										.6	3.4
WSW	.2	.4										.6	3.8
W	.5	.7										1.2	3.6
WNW		.6	.4									.9	6.3
NW	1.3	.8	.8	.5								3.4	6.0
NNW	2.0	2.2	.7	.8								5.8	5.5
VARBL													
CALM												49.1	
	15.8	18.4	9.0	5.3	1.9	.5						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (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	1.3	.6	.2								3.8	4.5
NNE	.7	.2	.1									1.1	3.9
NE	.8	.2										1.1	2.3
ENE	.8	.2										1.1	2.7
E	2.2	.8	.4									3.4	3.6
ESE	2.4	2.5	2.4	.9								8.2	6.2
SE	2.4	3.2	2.2	2.2	.9	.2	.1					11.3	8.6
SSE	1.1	.9	1.3	.6	.6							4.5	8.1
S	1.4	.4	.8	.1	.1							2.8	5.2
SSW	.5	.2										.7	3.3
SW	.2	.5	.1									.8	4.7
WSW	.2		.1									.3	3.3
W	.6	.5	.2									1.3	4.1
WNW	.8	.7	.4									1.9	4.3
NW	1.3	1.2	1.5	.5								4.5	6.1
NNW	1.3	1.7	1.8	.9	.1							5.7	7.0
VARBL													
CALM												47.4	
	18.4	14.5	11.9	5.6	1.8	.2	.1					100.3	3.3

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

23233 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | FEB 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	1.8	.2									3.7	3.9
NNE	1.1	.4										1.4	2.7
NE	.5											.5	2.0
ENE	.6											.6	2.2
E	1.8	1.3	.1									3.2	3.4
ESE	2.6	2.1	1.5	.7	.1	.1						7.2	5.9
SE	2.1	3.0	2.5	1.9	1.2	.1						10.8	8.7
SSE	.8	1.5	1.1	1.5	.5							5.4	9.0
S	.9	.6	.6	.8								3.0	6.9
SSW	.5	1.2	.2	.1								2.0	5.4
SW	.5	.4	.1	.1								1.1	4.8
WSW	.2	.1										.4	3.0
W	.8	.2										1.1	3.0
WNW	.5	.6		.1								1.2	4.4
NW	1.1	.3	1.2	.6								4.1	6.2
NNW	.9	2.0	2.4	.7	.4							6.4	7.6
VARBL													
CALM												48.1	
	16.5	16.4	9.9	6.6	2.1	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (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	1.8	2.8	2.2	.4	.1							7.3	5.9
NNE	.7	1.1	.1									1.9	4.1
NE	.5	.1										.6	2.2
ENE	.2											.2	2.5
E	1.7	.6	.2	.2								2.7	4.1
ESE	2.1	2.8	.8	1.1	.1							7.0	6.1
SE	2.8	6.5	3.2	4.3	1.2	.9						18.9	8.9
SSE	2.6	3.0	2.4	2.4	.6	.1						11.0	7.8
S	2.2	4.6	1.4	.5								8.7	5.2
SSW	1.1	1.1	.5	.5								3.1	5.8
SW	.5	.4	.1									.9	4.5
WSW	.2	.4										.6	3.4
W	.6		.1									.7	3.3
WNW	.4	1.4	.1	.1								2.0	5.2
NW	.9	1.1	1.2	.5	.1							3.8	6.9
NNW	.2	2.2	2.1	2.0	.7							7.3	9.7
VARBL													
CALM												23.2	
	18.6	28.0	14.5	11.8	2.8	1.1						100.3	5.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 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	2.4	3.3	2.0	.8	.4							8.9	6.4
NNE	.7	.6	.2									1.5	3.7
NE	.5	.2	.1									.8	3.4
ENE	.4	.2	.1									.7	3.7
E	1.1	.2	.1									1.4	2.7
ESE	1.1	1.7	1.2	.2	.4	.1						4.6	7.1
SE	2.8	3.0	2.8	3.2	2.0	.5						14.3	9.7
SSE	2.1	2.2	3.1	2.7	1.1	.1						11.3	9.1
S	2.1	4.6	2.6	.7								10.0	5.8
SSW	1.7	2.1	.7	.1								4.6	4.7
SW	1.4	.8	.9	.4								3.5	5.3
WSW	.8	.7	.5	.1								2.1	5.1
W	1.4	.4	.2	.1	.1							2.2	4.7
WNW	1.5	1.1	.7	.1								3.4	4.5
NW	.6	1.3	2.0	.8	.2							5.0	8.2
NNW	.6	2.5	2.6	2.1	.9	.1						8.9	9.5
VARBL													
CALM												16.5	
	21.2	24.9	20.0	11.5	5.1	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,72-80 (YEARS) FEB (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	3.9	5.7	1.8	.4	.1							11.8	5.1
NNE	1.8	1.4	.1									3.3	3.6
NE	.7	.5	.1									1.3	3.6
ENE	.6	.2	.2									1.1	4.3
E	1.3	.5	.6	.2								2.6	5.0
ESE	1.7	.8	1.5	.9	.5	.1						5.6	8.2
SE	1.8	2.2	2.2	3.9	1.1	.5						11.7	10.1
SSE	.9	1.7	2.8	1.3	.8	.5						8.0	9.7
S	2.5	2.7	1.2	.6	.2							7.2	5.7
SSW	.9	.9	.4									2.2	4.2
SW	.6	.9	.5	.1								2.1	5.4
WSW	.4	.8	.4	.6								2.1	7.7
W	.5	.2	.1	.2								1.1	5.9
WNW	.8	.4	.4	.2								1.8	5.3
NW	.8	2.1	1.4	1.3		.1						5.8	7.7
NNW	2.0	3.8	3.1	3.2	1.3							13.4	8.7
VARBL													
CALM												18.9	
	21.2	24.9	16.8	13.0	4.0	1.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (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	3.9	3.1	.6									7.6	3.5
NNE	1.7	.1										.8	2.6
NE	.7	.4										1.1	3.0
ENE	.6	.1										.7	2.7
E	2.0	1.1	.2									3.3	3.3
ESE	.8	1.4	.5	.5	.4		.1					3.7	8.1
SE	1.3	1.8	2.0	2.6	1.3	.2	.1					9.3	10.2
SSE	.6	1.2	1.1	2.2	.4	.1						5.6	10.1
S	1.5	1.2	1.1	.2	.1							4.1	5.7
SSW	1.5	.2	.1									1.9	3.1
SW	.7	.6	.9									2.2	5.3
WSW	.5	.2	.1	.1								.9	5.0
W	1.1	.9	.6		.1							2.7	5.4
WNW	.8	1.9	.5	.4								3.5	5.5
NW	.5	1.9	1.2	.9	.1							4.6	7.2
NNW	2.0	3.7	1.8	1.9								9.3	6.6
VARBL													
CALM												37.6	
	20.2	19.7	10.6	8.9	2.4	.4	.2					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (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	1.1	3.3	.4	.1								4.8	4.8
NNE	1.5	.5										2.0	2.5
NE	.7	.5										1.2	3.4
ENE	.8	.8										1.7	3.4
E	2.1	2.1										4.3	3.4
ESE	3.7	2.1	1.4	.4	.1							7.7	4.9
SE	2.1	2.5	1.7	3.0	1.4	.1						10.8	9.4
SSE	.5	1.1	1.7	.5	.6	.5						4.7	10.2
S	.6	.5	.1	.2								1.4	5.3
SSW	.6	.1	.4									1.1	4.9
SW	.2	.4	.1									.7	4.5
WSW		.7	.1									.8	5.9
W	.6	.8	.1									1.5	4.0
WNW	.7	.9	.5									2.1	4.6
NW	1.5	1.4	.6	1.3								4.8	6.3
NNW	2.1	3.1	1.8	.4	.1							7.4	5.6
VARBL													
CALM												42.9	
	18.9	20.8	8.7	5.8	2.2	.6						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	2.2	3.0	1.1	.2	.1							6.6	5.0
NNE	1.1	.5	.1									1.7	3.3
NE	.6	.3	.0									.9	3.0
ENE	.6	.3	.0									.9	3.2
E	1.8	1.2	.2	.1								3.1	3.6
ESE	2.1	2.0	1.4	.7	.2	.1	.0					6.5	6.3
SE	2.2	3.1	2.4	2.9	1.3	.4	.0					12.2	9.2
SSE	1.1	1.7	1.8	1.6	.7	.2						6.9	9.1
S	1.5	2.0	1.1	.5	.1							5.0	5.7
SSW	.9	.8	.3	.1								2.0	4.7
SW	.5	.5	.4	.1								1.5	5.0
WSW	.3	.4	.1	.1								1.0	5.5
W	.8	.5	.2	.0	.0							1.5	4.5
WNW	.7	.9	.4	.1								2.1	5.0
NW	1.0	1.4	1.2	.8	.1	.0						4.5	6.9
NNW	1.4	2.6	2.0	1.5	.4	.0						8.0	7.7
VARBL													
CALM												35.5	
	18.9	21.0	12.7	8.6	2.8	.6	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	3.0	3.3	2.2	.2								8.7	4.7
NNE	1.8	1.4		.1								3.3	3.4
NE	.8	.2	.1									1.1	3.4
ENE		.2										.2	4.0
E	2.0	1.8	.1									4.0	3.7
ESE	1.9	2.2	.6	.2		.1						5.1	5.1
SE	1.8	1.8	1.3	1.3	.3	.2						6.8	7.7
SSE	1.0	.5	.5	.2	.4							2.7	7.4
S	.9	.6		.1								1.6	3.7
SSW	.3	.6										1.0	3.7
SW	.3	.1	.1	.2								.8	6.9
WSW	.2	.3										.5	3.6
W	.9	.8	.2									1.8	3.7
WNW	.9	1.5	.4	.2								3.0	4.9
NW	1.4	2.9	1.8	1.0	.1							7.2	6.5
NNW	3.5	4.1	2.4	1.2	.1	.1						11.4	6.1
VARBL													
CALM												40.9	
	20.8	22.5	9.8	4.7	1.0	.4						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	3.1	4.3	1.1	.3								8.8	4.6
NNE	2.5	1.0	.3									3.8	3.4
NE	.3	.3										.6	3.5
ENE	.8	.2										1.0	2.6
E	1.7	.6	.3									2.7	3.6
ESE	1.5	1.9	.3	.2	.1							4.1	4.9
SE	1.5	1.9	.6	1.5	.6	.2						6.5	8.5
SSE	.9	.4	.2	.2	.2							1.9	6.6
S	1.1	.5	.2									1.8	3.6
SSW	.3	.4	.2									1.0	4.4
SW	.2	.3	.1									.6	4.5
WSW	.2											.2	2.0
W	1.0	1.4	.1									2.5	3.7
WNW	1.2	1.6	.3	.3								3.4	4.9
NW	1.2	1.8	1.1	.8	.1							4.9	7.0
NNW	2.4	6.8	2.5	.8	.1	.2						12.7	6.0
VARBL													
CALM												43.4	
	19.8	23.7	7.4	4.1	1.2	.4						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	3.4	5.1	2.7	.3	.1							11.6	5.2
NNE	1.7	1.2										2.9	3.1
NE	.5	.1										.6	2.7
ENE	.5											.5	2.2
E	1.9	.5										2.5	2.6
ESE	2.4	1.0	.5	.2			.1	.1				4.3	5.5
SE	2.7	2.2	1.9	1.2	.8	.2						8.9	7.6
SSE	1.1	1.0	.8	.2	.3	.3						3.7	8.1
S	.4	.9	.1									1.4	4.0
SSW	.5	.3		.1								1.0	4.0
SW	.3	.1	.1									.5	3.6
WSW	.2	.3										.5	4.2
W	1.1	.8										1.8	3.3
WNW	.6	1.2	.2	.1	.1							2.3	5.4
NW	1.3	2.0	2.3	1.5	.4							7.5	8.0
NNW	2.6	4.4	4.0	1.3	.1	.3						12.7	6.9
VARBL													
CALM												37.2	
	21.4	21.0	12.6	4.9	1.8	.9	.1	.1				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	2.0	5.9	5.6	1.3	.2							14.9	5.9
NNE	1.4	.9				.1						2.4	4.3
NE	.2	.1										.3	3.0
ENE	.2	.2										.4	3.3
E	1.5	.2	.1									1.8	2.8
ESE	1.5	.8	.8	.1		.1						3.2	5.3
SE	1.5	2.5	1.3	2.2	1.3	.2						8.9	9.4
SSE	1.9	2.5	2.3	1.3	.5	.4						8.9	8.4
S	2.2	3.3	1.0	.8	.1							7.3	5.6
SSW	1.1	1.2	.4									2.7	4.7
SW	.9	.6	.2									1.7	4.0
WSW	.3	.2	.2									.8	4.7
W	1.2	1.3	.4									2.9	4.0
WNW	.5	.8	.6									1.9	5.2
NW	.5	1.9	2.7	1.0	.6							6.8	8.9
NNW	.8	4.2	7.7	4.5	1.4	.5						19.1	9.9
VARBL													
CALM												15.8	
	17.7	26.5	23.3	11.1	4.2	1.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 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	2.3	5.1	5.5	1.6	.6							15.3	7.3
NNE	2.3	1.3	.1									3.7	3.3
NE	.4	.4										.9	3.6
ENE	.4	.1										.5	3.2
E	1.2	.4	.2									1.8	3.5
ESE	1.5	1.1	.2	.3		.1						3.2	5.3
SE	1.3	1.5	1.1	1.3	.8	.8	.1					6.8	10.4
SSE	.8	1.6	1.4	1.9	.9	.1						6.7	10.0
S	3.0	3.1	2.2	.8	.1	.1						9.2	9.8
SSW	.4	1.0	.4	.2								2.0	5.8
SW	1.2	.9	.2	.1								2.4	4.0
WSW	.6	.1	.1	.1								1.0	4.3
W	1.4	.4	.3	.3	.1							2.6	5.7
WNW	.5	1.3	.6	.1								2.6	5.7
NW	1.3	1.8	2.3	1.7	1.5	.2						8.8	10.1
NNW	1.8	3.4	7.1	3.8	1.6	1.0						18.7	10.0
VARBL													
CALM												13.9	
	20.6	23.5	21.7	12.3	5.6	2.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	4.4	7.1	8.6	2.4	.3	.1						22.9	6.9
NNE	2.7	2.3	.6	.1								5.7	4.0
NE	.6	.3	.1									1.1	3.4
ENE	.9	.1	.2									1.2	3.2
E	1.5	1.1	.1	.1								2.8	3.8
ESE	.8	1.7	.8	.3								3.5	5.7
SE	.9	1.8	1.5	1.3	.5	.2						6.2	9.2
SSE	1.1	1.4	1.4	1.0		.3						5.2	8.3
S	1.4	1.8	.5	.6	.2							4.5	6.3
SSW	.4	1.5	.4									2.4	5.3
SW	.5	.9	.6	.4								2.5	6.7
WSW	.2	.5	.3	.4								1.5	7.7
W	.5	.2	.5	.2								1.5	6.6
WNW	.6	.8	.8	.6	.1							2.9	7.7
NW	.3	.8	2.2	1.1	.9	.1						5.3	10.7
NNW	.9	4.1	6.6	4.7	2.9	.6						19.8	10.8
VARBL													
CALM												11.0	
	17.7	26.3	25.3	13.3	4.9	1.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	1.9	5.3	2.4	.1								14.6	4.3
NNE	3.2	.5	.5	.2	.1							4.6	3.9
NE	.6	.2	.1									1.0	3.8
ENE	.3	.2										.5	3.2
E	1.3	1.1		.1								2.5	3.7
ESE	.5	1.1	.4									2.0	4.9
SE	1.1	1.1	1.2	.9	.2							4.4	7.4
SSE	.4	1.3	1.0	.4	.1	.3						3.5	9.3
S	1.5	1.0	.1	.2								2.8	4.4
SSW	.4	.6	.9									1.9	5.5
SW	1.1	.8	.3	.1								2.3	4.5
WSW	.4	1.0	.6	.3								2.4	6.2
W	1.1	1.3	.8	.1								2.9	5.0
WNW	.9	1.4	.5	.1								2.9	5.3
NW	.6	1.7	2.3	.8	.2							5.6	7.7
NNW	1.9	5.6	4.7	3.8	1.3	.2						17.5	8.7
VARBL													
CALM												28.5	
	22.4	23.8	15.8	7.2	1.9	.5						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	3.5	3.9	3.2	.2	.1							11.0	5.2
NNE	1.[illegible]	1.2	.5									3.4	4.0
NE	.6	.8	.1									1.5	3.6
ENE	.3	.8	.5									1.6	5.3
E	1.8	.9	.3									3.0	3.7
ESE	1.6	1.5	.4		.1							3.7	4.2
SE	.8	2.0	.4	1.2	.2							4.6	7.5
SSE	.9	1.1	.4	.8	.3	.1						3.5	8.3
S	.5	.6	.4									1.6	4.9
SSW	.2	.4		.1								.8	5.1
SW	.4	.3	.4	.1								1.3	5.8
WSW	.3	.5	.1									1.0	4.1
W	1.2	2.5	.4									4.1	4.6
WNW	1.2	1.3	.6	.3								3.4	5.3
NW	1.4	1.5	2.0	1.5								6.5	7.5
NNW	3.2	5.6	3.4	1.0	.3	.3						13.9	6.4
VARBL													
CALM												35.2	
	19.8	24.8	13.5	5.2	1.1	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (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	3.6	5.0	3.9	.8	.2	.0						13.5	5.9
NNE	2.2	1.2	.3	.1	.0	.0						3.7	3.7
NE	.5	.3	.1									.9	3.4
ENE	.4	.2	.1									.8	3.6
E	1.6	.9	.1	.0								2.6	3.5
ESE	1.5	1.4	.5	.2	.0	.0	.0	.0				3.6	5.1
SE	1.4	1.9	1.2	1.3	.6	.2	.0					6.6	8.6
SSE	1.0	1.2	1.0	.8	.3	.2						4.5	8.6
S	1.4	1.5	.6	.3	.1	.0						3.8	5.3
SSW	.5	.8	.3	.1								1.6	5.0
SW	.6	.5	.3	.1								1.5	5.0
WSW	.3	.4	.2	.1								1.0	5.4
W	1.0	1.0	.3	.1	.0							2.5	4.5
WNW	.8	1.2	.5	.2	.0							2.8	5.5
NW	1.0	1.8	2.1	1.2	.5	.0						6.6	8.3
NNW	2.1	4.8	4.8	2.6	1.0	.4						15.7	8.5
VARBL													
CALM												28.2	
	26.0	24.0	16.2	7.8	2.7	1.0	.0	.0				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	3.8	8.4	4.2	.2								16.7	5.2
NNE	2.0	1.9	.1									4.0	3.6
NE	.7	.2										.9	2.9
ENE	.4	.1										.6	2.4
E	.9		.1									1.0	2.6
ESE	.9	1.2	.1	.2								2.4	4.5
SE	1.2	.8	.4									2.4	4.0
SSE	.3	.6	.1									1.0	3.9
S	.4	.6	.1									1.1	4.2
SSW	.1	.6	.1									.8	5.0
SW	.4	.4	.1									1.0	3.9
WSW	.2	.1										.3	2.7
W	.8	1.4	.4									2.7	4.8
WNW	.2	1.6	.3	.1								2.2	5.4
NW	2.4	3.3	3.0	.4								9.2	5.8
NNW	3.1	9.4	4.0	1.2	.2							18.0	5.8
VARBL													
CALM												35.7	
	18.0	30.7	13.2	2.2	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	4.3	7.3	1.9									13.5	4.4
NNE	1.4	.7										2.1	2.9
NE	.4		.1									.6	3.0
ENE	.4	.1										.5	2.2
E	1.3	.2										1.5	2.4
ESE	1.8	1.0	.2	.2								3.2	4.0
SE	.8	1.0	.7	.2								2.7	5.3
SSE	.7	.8	.2									1.7	4.1
S	.7	.3	.1									1.1	3.6
SSW	.2	.4										.7	4.3
SW	.1	.3	.1									.6	4.6
WSW	.2	.2	.2									.7	4.7
W	1.3	1.1										2.4	3.1
WNW	2.0	2.4	.4									4.9	4.1
NW	2.0	4.4	1.4	1.2								9.1	5.9
NNW	4.0	8.7	4.0	1.4								18.1	5.6
VARBL													
CALM												36.6	
	21.8	29.1	9.4	3.1								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23273 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	3.6	9.9	4.7	.6								18.7	5.6
NNE	1.4	.3	.4									2.2	3.7
NE	.7	.2	.1									1.0	3.2
ENE	.1	.2										.3	4.7
E	.2	.4	.1									.8	3.9
ESE	1.3	.7	.4	.1								2.6	4.2
SE	1.7	1.8	1.0	1.1								5.6	6.3
SSE	.6	.8	.6	.2								2.1	6.0
S	1.3	.6	.3									2.2	3.8
SSW	.3	.3	.3									1.0	5.2
SW	.3	1.1	.1									1.6	4.6
WSW	.1	.2										.3	4.3
W	.2	.6	.1									.9	4.6
WNW	.4	1.3	.7									2.4	5.1
NW	1.6	3.8	2.6	1.2	.2							9.3	6.8
NNW	2.6	8.1	6.0	4.7	.2							21.6	7.5
VARBL													
CALM												27.4	
	16.4	30.3	17.4	7.9	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	2.0	7.7	6.2	2.0	.2							18.1	7.0
NNE	1.7	1.2	.2									3.1	3.5
NE	.4	.3										.8	3.3
ENE	.1	.4										.6	4.2
E	.7	.6		.2								1.4	4.5
ESE	.8	.9	.9	.2								2.8	6.0
SE	1.1	1.6	1.7	.7								5.0	6.6
SSE	.7	1.3	2.0	1.0								5.0	7.5
S	1.1	2.9	1.3	.2								5.6	5.7
SSW	.4	.9	.2	.3								1.9	6.1
SW	.4	.3	.3	.1								1.2	5.6
WSW	.2	.3	.1									.7	5.5
W	1.0	.9	.3	.1								2.3	4.9
WNW	1.0	1.8	1.2	.1	.1							4.2	5.9
NW	1.6	3.1	5.7	2.2	.7							13.2	8.4
NNW	1.7	4.7	9.7	5.7	.7	.1						22.4	8.8
VARBL													
CALM												11.7	
	14.9	28.9	29.9	12.9	1.7	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 970

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 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	2.2	6.0	5.1	3.1	.3							16.8	7.3
NNE	1.3	1.1	1.0									4.1	4.8
NE	.9	.1	.1									1.1	3.0
ENE	.4	.2	.2									.9	4.6
E	.7	.8	.4									1.9	4.9
ESE	1.0	.8	.4									2.2	4.1
SE	1.3	1.2	1.3	.7								4.6	6.3
SSE	.6	.8	.8	.8								2.9	7.5
S	1.0	1.7	1.3	.6	.1							4.7	6.9
SSW	.3	1.0	.7									2.0	5.5
SW	.8	.7	1.0	.2								2.7	6.1
WSW	1.2	.3	.8	.4								2.8	6.1
W	1.2	1.9	1.4	.7	.1							5.3	6.5
WNW	1.7	2.3	1.2	.1								5.3	5.0
NW	1.1	3.0	6.2	2.2	1.4	.1						14.1	9.1
NNW	1.9	3.3	7.2	6.3	.8	.1						19.7	9.5
VARBL													
CALM												9.0	
	17.7	25.9	29.3	15.1	2.8	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	1.4	8.6	10.1	2.9	.2							23.2	7.6
NNE	1.4	3.1	1.0									5.6	5.0
NE	.3	1.0	.3									1.7	5.3
ENE	.2	.6	.2									1.0	4.6
E	.2	.7	.3									1.2	5.4
ESE	.7	.7	.1	.2								1.7	4.9
SE	.8	1.4	.4	.3	.1							3.1	6.2
SSE	.4	.3	.7	.4								1.9	7.5
S	.9	1.4	.6	.1								3.0	5.1
SSW	.4	.7	.2									1.3	4.9
SW	.2	.3	.9	.2								1.7	7.5
WSW	.2	.8	1.0	1.0								3.0	8.6
W	.4	1.2	1.9	1.1	.3							5.0	8.7
WNW	.8	.6	1.1	.3								2.8	6.2
NW	.8	3.3	5.7	2.7	.8							13.2	8.9
NNW	1.2	5.2	9.9	7.3	1.8	.1						25.6	9.6
VARBL													
CALM												5.1	
	10.6	29.9	34.4	16.7	3.2	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	6.0	9.2	4.4	.6								20.2	5.2
NNE	3.6	2.8	.1									6.4	3.3
NE	1.2	.3	.1	.1								1.8	3.6
ENE	.7	.3										1.0	3.1
E	.4	.4	.1									1.0	4.1
ESE	.6	.6	.2									1.3	4.4
SE	.7	1.0	.1									1.8	4.0
SSE	1.0	.1	.2									1.3	3.4
S	.4	.3	1.0	.1								1.9	6.5
SSW	.4	.1	.1									.7	3.8
SW	.1	.6	.9	.2								1.8	7.3
WSW	.2	.1	.9	.1								1.3	7.6
W	.7	2.2	2.2	.9	.1							6.1	7.6
WNW	.2	1.3	1.8	.1								3.4	6.7
NW	.8	4.1	4.7	1.2	.2							11.0	7.5
NNW	1.4	9.3	8.6	3.8	.1							23.7	7.4
VARBL													
CALM												15.2	
	18.4	33.3	25.4	7.1	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	6.3	10.9	4.4	.3								22.0	4.9
NNE	3.0	2.0	.1									5.1	3.3
NE	.1	.2	.2									.6	5.0
ENE	.7	.2										.9	2.4
E	1.3	.1										1.4	2.3
ESE	.7	1.2	.1									2.0	3.9
SE	.3	.7	.1									1.1	4.2
SSE	.2	.8		.1								1.1	5.4
S	.1	.1	.2									.4	5.3
SSW	.3	.2	.1									.7	4.3
SW	.1	.2	.2	.1								.7	6.5
WSW	.2	.3	.3									.9	6.1
W	.9	1.9	1.0									3.8	5.1
WNW	.8	2.0	.9	.4	.1							4.2	6.3
NW	1.3	4.0	3.2	1.0	.2							9.8	6.7
NNW	3.1	9.4	7.0	1.2								20.8	6.1
VARBL													
CALM												24.6	
	19.6	34.3	18.0	3.2	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 920

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (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	3.7	9.5	5.1	1.2	.1							18.7	5.9
NNE	2.0	1.7	.4									4.1	3.8
NE	.6	.3	.1	.0								1.0	3.8
ENE	.4	.3	.1									.7	3.5
E	.7	.4	.1	.0								1.3	3.8
ESE	1.0	.9	.3	.1								2.3	4.5
SE	1.0	1.2	.7	.4	.0							3.3	5.8
SSE	.6	.7	.6	.3								2.1	6.3
S	.7	1.0	.6	.1	.0							2.5	5.5
SSW	.3	.5	.2	.0								1.1	5.2
SW	.3	.5	.5	.1								1.4	6.0
WSW	.3	.3	.4	.2								1.2	6.7
W	.8	1.4	.9	.3	.1							3.6	6.3
WNW	.9	1.7	1.0	.2	.0							3.7	5.5
NW	1.4	3.6	4.1	1.5	.4	.0						11.1	7.6
NNW	2.4	7.3	7.0	4.0	.5	.0						21.2	7.7
VARBL													
CALM												20.7	
	17.2	30.3	22.2	8.5	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (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	6.7	11.5	5.5	.4								24.1	5.1
NNE	2.7	1.8		.1								4.6	3.6
NE	.3											.3	2.3
ENE	.1											.1	2.0
E	.3											.3	2.0
ESE	.6	.2										.9	2.8
SE	.1	.4										.5	4.4
SSE	.2	.1										.3	2.7
S	.3	.1										.4	3.3
SSW	.1	.4										.5	4.6
SW		.1										.1	4.0
WSW	.3	.1	.1									.5	4.2
W	.9	1.5	.8									3.1	5.0
WNW	1.4	4.5	.6									6.6	4.6
NW	1.8	5.5	1.9	.2	.1							9.6	5.4
NNW	5.5	13.4	7.4	.3								26.7	5.4
VARBL													
CALM												21.3	
	21.4	39.8	16.3	1.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (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	6.2	7.4	4.0	.3								18.0	4.8
NNE	1.5	1.1	.3									2.9	3.9
NE	.1											.1	1.0
ENE	.5											.5	1.6
E	.3											.3	2.3
ESE	.9	.2										1.1	2.6
SE	.3	.1										.4	2.5
SSE	.1											.1	2.0
S	.5											.5	2.4
SSW	.2	.2										.4	2.8
SW	.2	.1										.3	3.0
WSW		.1										.1	5.0
W	1.4	1.3	.4									3.1	4.6
WNW	1.8	4.1	.8									6.7	4.6
NW	3.5	8.0	2.4	1.2								15.1	5.4
NNW	6.0	12.3	5.6	.4								24.3	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	26.0	
	23.8	34.8	13.4	1.9								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (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	4.4	9.7	10.4	1.4								25.9	6.3
NNE	1.1	1.2	.1									2.4	4.0
NE	.2											.2	2.0
ENE	.1											.1	3.0
E	.5	.1										.6	2.5
ESE	.5	.3										.9	3.1
SE	.5	.'	.5									1.6	5.5
SSE	.2	.4	.1									.8	5.0
S	1.1	.3										1.4	2.8
SSW	.2											.2	2.5
SW	.3	.1										.4	2.8
WSW		.4	.1									.5	5.4
W	.5	.3	.4									1.7	5.0
WNW	1.1	1.7	.2									3.0	4.0
NW	1.7	5.4	3.7	1.0	.2							11.9	6.5
NNW	3.1	11.0	13.8	3.1	.2							31.2	7.1
VARBL													
CALM												17.1	
	15.7	31.9	29.4	5.5	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23273 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	1.5	5.4	7.6	1.6								15.5	7.1
NNE	1.2	.9	.1									2.2	3.4
NE	.5	.2										.8	2.6
ENE	.2	.2										.4	3.8
E	.5	.2	.2									1.0	3.9
ESE	.3	.2										.5	2.9
SE	.6	.5	.3									1.5	4.7
SSE	.3	.6	.4									1.4	5.5
S	1.2	.8	.1	.1								2.2	5.0
SSW	.4	1.1	.1									1.6	3.9
SW	.6	.4	.3									1.4	4.2
WSW	.2	.6	.2									1.1	4.9
W	2.2	1.5	.6									4.3	4.1
WNW	1.3	4.5	2.2									8.0	5.3
NW	1.3	7.4	11.0	1.8	.2							21.7	7.4
NNW	1.1	8.4	14.6	4.6	.5	.1						29.4	8.3
VARBL													
CALM												7.0	
	13.8	33.0	37.2	8.2	.3	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 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	1.2	5.3	5.6	1.7	.2							14.5	7.3
NNE	.4	.8	.2									1.4	4.2
NE	.5											.5	2.4
ENE	.1	.1										.2	3.0
E	1.0	.5										1.5	3.0
ESE	.4	.5	.1									1.1	3.7
SE	.2	.5	.1									.9	4.6
SSE	.1	.4										.5	4.6
S	.5	.8	.6	.1								2.0	5.5
SSW	.9	.5	.3	.1								1.8	4.6
SW	.8	.4	.1	.1								1.4	4.3
WSW	.5	1.2	.4	.2								2.4	5.7
W	1.8	3.1	1.2	.1								6.2	4.9
WNW	.5	5.5	3.2	.3								9.6	6.3
NW	1.6	7.0	11.3	3.8								23.7	7.9
NNW	1.3	6.5	13.2	4.8	.8							26.6	8.6
VARBL													
CALM												5.7	
	11.9	33.7	36.5	11.3	1.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (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	8.1	10.1	3.5	.4	.1						23.4	7.9
NNE	.3	1.0	.5									1.8	5.1
NE	.1	.1	.1									.3	4.3
ENE	.3	.2										.5	3.0
E	.3											.3	2.0
ESE	.5	.1	.1									.8	3.3
SE	.3	.4	.3									1.1	5.3
SSE	.3	.3	.1									.8	4.6
S	.1	.3										.4	4.3
SSW	.2	.1	.1		.1							.5	7.8
SW	.3	.4	.5	.4								1.7	7.7
WSW		.2	.5	.5								1.3	9.7
W	.6	1.3	2.0	1.0								4.9	7.7
WNW	.6	2.8	2.5	.6								6.6	6.7
NW	.9	5.3	8.4	5.1								19.6	8.5
NNW	.3	5.8	17.5	9.4	.5	.2						33.8	9.5
VARBL													
CALM												2.2	
	6.7	26.3	42.9	20.5	1.1	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (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	2.2	10.5	10.2	2.5								25.4	7.1
NNE	.9	.1	.2									1.2	3.7
NE	.2	.1										.3	4.0
ENE													
E	.2	.2										.4	3.0
ESE		.1										.1	6.0
SE	.3	.4										.8	3.6
SSE	.2	.3	.2									.8	5.4
S				.1								.1	13.0
SSW													
SW	.1	.3	.2									.6	5.0
WSW	.1	.5	1.1	.2	.1							2.0	8.1
W	.1	1.0	3.4	.9								5.4	8.4
WNW	.5	2.6	1.9	.1	.1							5.3	6.3
NW	.6	3.7	7.5	1.4								13.2	7.7
NNW	1.1	10.9	20.9	7.5	.4							40.8	8.2
VARBL													
CALM												3.7	
	6.5	30.8	45.7	12.7	.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (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	5.6	15.6	10.3	1.3								32.8	5.9
NNE	1.6	2.3	.2	.1								4.2	4.1
NE	.4	.3										.8	3.3
ENE		.1										.1	4.0
E	.6	.1										.8	2.9
ESE	.3	.1										.4	2.8
SE	.3	.2										.5	3.0
SSE		.2										.2	4.5
S			.1									.1	8.0
SSW		.2										.2	4.0
SW	.2	.1	.1									.4	4.3
WSW	.1	1.0										1.1	4.7
W	.8	2.6	1.3	.1								4.7	5.4
WNW	1.3	2.7	1.4									5.4	5.2
NW	1.1	3.8	2.7	.3								7.8	6.0
NNW	3.3	12.4	9.6	1.1								26.3	6.1
VARBL													
CALM												14.1	
	15.7	41.6	25.7	2.9								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	3.6	9.2	7.9	1.6	.1	.0						22.4	6.4
NNE	1.2	1.1	.2	.2								2.6	3.9
NE	.3	.1	.0									.4	2.9
ENE	.2	.1										.3	2.8
E	.5	.1	.0									.7	2.9
ESE	.5	.2	.0									.7	3.1
SE	.3	.4	.2									.9	4.6
SSE	.2	.3	.1									.6	4.9
S	.5	.3	.1	.0								.9	4.2
SSW	.3	.3	.1	.0	.0							.7	4.-
SW	.3	.3	.2	.1								.8	5.1
WSW	.2	.5	.3	.1	.0							1.1	6.5
W	1.0	1.6	1.3	.3								4.2	5.8
WNW	1.1	3.5	1.6	.1	.0							6.4	5.5
NW	1.6	5.7	6.1	1.8	.1							15.3	7.1
NNW	2.7	10.1	12.8	3.9	.3	.0						29.9	7.4
VARBL													
CALM												12.1	
	14.4	34.0	30.9	8.0	.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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	4.9	11.2	11.0	.8								27.9	6.0
NNE	1.1	.7	1.2									3.0	5.4
NE		.2										.2	4.0
ENE													
E		.1										.1	4.0
ESE	.4	.2										.7	3.3
SE	.3											.3	2.3
SSE	.2											.2	2.0
S		.1										.1	4.0
SSW													
SW	.1	.3										.4	4.5
WSW	.2	.2	.2									.7	5.7
W	.4	3.1	1.4									5.0	5.8
WNW	1.3	4.2	2.0									7.5	5.2
NW	1.8	6.2	4.3	.2								12.6	6.0
NNW	4.2	14.6	11.6	1.0								31.3	6.1
VARBL													
CALM												9.9	
	15.1	41.2	31.8	2.0								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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	4.3	9.2	4.7	.7								18.9	5.3
NNE	.7	.8	.4									1.9	5.0
NE	.1	.1										.2	3.5
ENE													
E	.2	.1	.1									.4	3.5
ESE	.3	.1										.4	3.5
SE	.4	.1	.1									.7	3.8
SSE	.1	.1										.2	4.0
S	.2	.2										.4	3.3
SSW	.2	.1										.3	3.3
SW	.2	.1	.2									.6	5.0
WSW		.3										.3	4.7
W	.7	2.0	.4									3.1	4.6
WNW	1.0	3.9	1.2									6.1	5.0
NW	3.7	9.4	4.0	.2								17.3	5.3
NNW	5.1	17.7	11.3	1.2								35.3	5.9
VARBL													
CALM												13.7	
	17.3	44.3	22.6	2.1								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 CASTLE AFB CA 69-70,73-80 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 2.	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	11.2	12.2	4.9								30.8	7.4
NNE	.3	1.1	.3									1.8	4.8
NE	.2	.1	.1									.4	4.0
ENE	.2											.2	1.5
E	.8											.8	1.9
ESE	.3	.2										.5	2.6
SE	.2											.2	2.5
SSE	.1	.2	.2									.6	5.6
S	.2	.2										.4	4.3
SSW	.1	.1										.2	3.5
SW	.1	.3										.4	3.8
WSW	.1	.1										.2	4.3
W	.4	1.0	.3									1.8	4.8
WNW	.7	2.1	.8									3.6	4.9
NW	.7	5.3	5.9	1.6								13.4	7.1
NNW	1.4	10.6	19.0	4.6	.2							35.8	7.8
VARBL													
CALM												8.8	
	8.4	32.7	38.9	11.0	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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	.7	5.1	7.5	2.3	.1							15.7	7.7
NNE	.2	1.0	.1									1.3	4.6
NE													
ENE	.2											.2	2.0
E	.3											.3	3.0
ESE	.2	.4										.6	2.6
SE	.2	.1	.1									.4	4.3
SSE	.2	.6	.1									.9	4.9
S	.7	.4	.1									1.2	3.8
SSW	.3	.7	.3									1.3	5.3
SW	.6	.7	.2									1.4	4.0
WSW	.4	.7										1.1	3.7
W	.9	3.3	.6									4.8	4.8
WNW	1.4	6.0	4.2	.2								11.9	5.9
NW	.8	8.2	14.6	3.1								26.7	7.9
NNW	.8	5.7	14.5	7.2	.1							28.3	8.8
VARBL													
CALM												3.8	
	8.2	32.6	42.3	12.9	.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 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	1.0	2.4	6.1	2.0	.1							11.7	8.1
NNE	.3	.6										.9	4.1
NE	.1	.2										.3	4.0
ENE	.1											.1	2.0
E		.1										.1	5.0
ESE	.1											.1	3.0
SE	.1											.1	2.0
SSE	.1	.1										.2	3.5
S	.2	.8	.2									1.2	5.1
SSW	.3	.9	.1									1.3	4.2
SW	1.0	1.0	.2									2.2	4.3
WSW	.4	1.6	.3									2.3	4.9
W	.9	3.3	1.7									5.9	5.5
WNW	1.0	7.4	5.9	1.3								15.7	6.7
NW	1.2	7.0	17.0	5.8	.3							31.3	8.4
NNW	.9	5.0	11.7	4.4	.7							22.7	8.7
VARBL													
CALM												3.8	
	7.9	30.4	43.2	13.6	1.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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	.6	2.8	9.4	3.4	.1							16.3	8.6
NNE	.2	.3		.1								.7	6.3
NE		.1		.1								.2	8.5
ENE	.1											.1	2.0
E													
ESE													
SE	.1											.1	1.0
SSE	.1											.1	3.0
S	.1	.2										.3	3.7
SSW		.8	.1									.9	5.6
SW	.2	1.0	.2									1.4	5.2
WSW		.1	.3	.1	.1							.7	10.2
W	.4	2.1	2.1									4.7	6.5
WNW	.8	3.0	5.7	1.0								10.4	7.4
NW	.8	6.3	13.6	6.0	.6							27.2	8.8
NNW	.3	4.2	17.4	12.8	.7							35.4	10.1
VARBL													
CALM												1.3	
	3.8	21.0	48.9	23.6	1.4							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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	1.1	4.3	12.2	4.8	.1							22.6	8.6
NNE	.1	.3	.1									.6	5.2
NE		.2										.2	4.5
ENE		.1	.1									.2	8.0
E	.1		.1									.2	4.5
ESE													
SE			.1									.1	10.0
SSE	.1			.1								.2	8.0
S	.1	.2										.3	3.7
SSW													
SW		.1	.4									.6	8.0
WSW	.1	.1	.8	.1								1.1	7.7
W	.1	1.0	3.1	.7								4.9	8.3
WNW	.2	1.0	2.1	.4								3.8	7.9
NW	.4	3.4	8.9	2.2	.2							15.2	8.3
NNW	.6	10.0	27.0	11.7	.3							49.6	8.9
VARBL													
CALM												.4	
	3.0	20.9	55.0	20.0	.7							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 903

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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	3.2	15.6	14.9	2.7								36.4	6.7
NNE	1.3	1.0	.8									3.1	4.8
NE	.1											.1	3.0
ENE													
E	.2		.1									.3	4.3
ESE		.1										.1	6.0
SE		.1		.1								.2	8.5
SSE			.1									.1	7.0
S	.1											.1	1.0
SSW	.3											.3	1.7
SW	.2	.2										.4	4.3
WSW	.2	.2	.3									.8	5.9
W	.3	2.0	2.1	.1								4.6	6.7
WNW	.8	3.3	1.1									5.2	5.3
NW	1.4	3.7	4.3	.8								10.2	6.7
NNW	3.0	8.5	16.5	3.1								31.0	7.3
VARBL													
CALM												6.9	
	11.3	34.7	40.3	6.8								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	2.3	7.7	9.8	2.7	.1							22.5	7.2
NNE	.5	.7	.4	.0								1.7	5.0
NE	.1	.1	.0	.0								.2	4.5
ENE	.1	.0	.0									.1	3.4
E	.2	.0	.0									.3	3.2
ESE	.2	.1										.3	3.1
SE	.2	.0	.0	.0								.3	4.1
SSE	.1	.1	.1	.0								.3	4.9
S	.2	.3	.0									.5	4.1
SSW	.2	.3	.1									.6	4.5
SW	.3	.5	.2									.9	4.7
WSW	.2	.4	.3	.0	.0							.9	5.8
W	.5	2.2	1.5	.1								4.3	6.0
WNW	.9	3.9	2.9	.4								8.0	6.2
NW	1.3	6.2	9.1	2.5	.1							19.3	7.6
NNW	2.0	9.5	16.1	5.8	.3							33.7	8.0
VARBL													
CALM												6.1	
	9.4	32.2	40.4	11.5	.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7198

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (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	5.5	13.4	5.9	.4								25.3	5.3
NNE	.8	.4										1.2	3.0
NE	.1											.1	2.0
ENE		.1										.1	4.0
E													
ESE	.1											.1	2.0
SE	.1											.1	2.0
SSE				.1								.1	12.0
S													
SSW													
SW		.2										.2	4.5
WSW	.3	.2										.5	3.6
W	1.1	2.8	.5									4.4	4.7
WNW	1.3	5.2	1.3									7.7	4.8
NW	2.6	10.8	4.9									18.3	5.5
NNW	6.2	16.3	10.1	1.1								33.8	5.6
VARBL													
CALM												8.1	
	18.1	49.5	22.8	1.6								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | JUL 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	3.9	6.0	3.1									13.0	4.8
NNE	.4											.4	2.0
NE	.2											.2	2.0
ENE	.1		.1									.2	4.5
E	.4											.4	2.3
ESE	.1											.1	2.0
SE	.2	.1										.3	2.7
SSE													
S		.1										.1	4.0
SSW													
SW													
WSW	.1		.1									.2	5.0
W	1.1	1.4	.3									2.8	3.2
WNW	3.4	8.1	1.3									12.8	4.4
NW	6.6	13.8	4.1	.1								24.5	4.6
NNW	6.0	19.6	7.3	.4								33.3	5.3
VARBL													
CALM												11.5	
	22.6	49.0	16.3	.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (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	2.8	10.3	10.1	1.1								24.3	6.5
NNE	.6	.6	.3									1.6	4.4
NE	.1											.1	2.0
ENE													
E	.3											.3	2.0
ESE	.4	.1										.5	2.6
SE	.2		.1									.3	4.0
SSE	.2											.2	2.0
S	.1	.1										.2	4.0
SSW	.1											.1	2.0
SW													
WSW	.1											.1	3.0
W	1.2	.8										1.9	3.1
WNW	1.0	2.5	.6									4.1	4.6
NW	3.1	8.1	7.2	1.1								19.5	6.1
NNW	2.8	14.9	14.5	2.3								34.5	6.7
VARBL													
CALM												12.2	
	13.1	37.4	32.9	4.4								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0930-1100 (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	1.5	5.1	6.3	1.2								14.1	6.9
NNE	.3	.4	.1									.9	4.0
NE	.1											.1	2.0
ENE													
E	.2											.2	2.5
ESE	.1											.1	2.0
SE		.1	.1									.2	7.0
SSE	.2											.2	2.0
S	.1	.1										.2	3.5
SSW	.3		.1									.4	3.8
SW	.8	.4	.1									1.3	3.6
WSW	.1	.5	.2									.9	5.0
W	1.7	2.5	.4									4.6	4.1
WNW	2.7	6.8	4.7	.3								14.5	5.8
NW	1.6	9.8	17.4	2.4								31.2	7.3
NNW	1.3	8.4	14.4	3.2								27.3	7.7
VARBL													
CALM												3.8	
	11.1	34.1	44.0	7.1								100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 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	1.1	1.8	3.0	1.0								6.9	7.2
NNE	.2	.1										.3	2.7
NE													
ENE	.1											.1	3.0
E	.1	.1										.2	3.0
ESE													
SE	.2	.1										.3	2.7
SSE		.1										.1	4.0
S	.1	.2										.3	3.3
SSW	.1	.5	.3									1.0	5.7
SW	.2	.5	.1									.9	4.8
WSW	.2	.9	.2	.1								1.4	5.5
W	1.1	5.4	1.2	.1								7.7	4.9
WNW	2.2	8.7	8.6	1.4								20.9	6.3
NW	1.4	8.8	20.5	6.6								37.3	8.1
NNW	.4	5.2	12.5	2.6								20.6	8.0
VARBL													
CALM												1.9	
	7.4	32.5	46.5	11.7								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (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	.8	2.3	5.8	3.2	.1							12.2	8.6
NNE	.1											.1	2.0
NE		.2										.2	5.5
ENE													
E	.1											.1	2.0
ESE													
SE													
SSE													
S			.2									.2	8.0
SSW		.1	.2									.3	7.7
SW		.1										.1	4.0
WSW	.1	.2	.2									.5	6.0
W	.2	1.1	.5	.4								2.3	7.1
WNW	.5	4.2	6.1	.8								11.6	7.3
NW	.6	7.6	20.5	6.0								34.8	8.5
NNW	.6	6.0	18.2	11.9	.2							37.0	9.4
VARBL													
CALM												.5	
	3.1	21.8	51.8	22.4	.3							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (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	.4	4.0	9.6	3.3								17.3	8.3
NNE		.1										.1	6.0
NE		.1										.1	6.0
ENE			.1									.1	8.0
E													
ESE													
SE													
SSE													
S		.1	.1									.2	8.0
SSW													
SW			.1									.1	9.0
WSW		.1	.3									.4	8.5
W	.1	.4	.8									1.3	7.2
WNW	.1	1.3	1.3	.1								2.8	6.9
NW	.5	3.3	10.6	3.1								17.6	8.3
NNW	.4	13.5	33.9	10.5	.1							58.5	8.6
VARBL													
CALM												1.4	
	1.6	23.0	56.8	17.1	.1							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (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	4.9	18.4	17.3	1.2	.1							41.9	6.3
NNE	1.7	1.8	.2									3.8	3.8
NE	.2											.2	2.0
ENE		.2										.2	4.0
E													
ESE													
SE													
SSE													
S	.1											.1	2.0
SSW													
SW	.2											.2	2.0
WSW	.1	.3	.1									.5	5.4
W	.6	1.8	.9									3.3	5.2
WNW	.4	1.8	1.0	.1								3.3	5.5
NW	1.2	3.9	2.7	.1								7.8	5.7
NNW	2.3	12.8	15.9	2.0								33.0	6.9
VARBL													
CALM												5.5	
	11.8	41.1	38.1	3.4	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	2.6	7.7	7.6	1.4	.0							19.4	6.5
NNE	.5	.4	.1									1.0	3.7
NE	.1	.0										.1	3.1
ENE	.0	.0	.0									.1	4.6
E	.1	.0										.2	2.3
ESE	.1	.0										.1	2.4
SE	.1	.0	.0									.2	3.7
SSE	.1	.0		.0								.1	4.0
S	.1	.1	.0									.2	4.8
SSW	.1	.1	.1									.2	5.4
SW	.1	.2	.0									.3	4.2
WSW	.1	.3	.1	.0								.6	5.4
W	.9	2.0	.6	.1								3.5	4.8
WNW	1.5	4.8	3.1	.3								9.7	5.8
NW	2.2	8.3	11.0	2.4								23.9	7.1
NNW	2.5	12.1	15.8	4.3	.0							34.8	7.4
VARBL													
CALM												5.6	
	11.1	36.0	38.6	8.5	.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (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	4.3	11.2	4.6	.3								20.4	5.2
NNE	.8	1.0										1.7	3.5
NE	.1											.1	2.0
ENE	.1	.1										.2	3.0
E	.3		.1									.4	4.3
ESE	.1	.1										.2	3.0
SE		.1										.1	4.0
SSE		.2										.2	4.5
S													
SSW													
SW		.1										.1	4.0
WSW													
W	1.3	2.6	.5									4.4	4.5
WNW	2.4	5.4	.9									8.6	4.4
NW	4.5	7.6	3.3	.3								15.8	5.1
NNW	7.0	17.0	8.4	1.3								33.7	5.5
VARBL													
CALM												14.0	
	20.9	45.4	17.8	1.9								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (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	4.0	5.7	2.9	.2								12.8	4.9
NNE	.5	.2										.8	2.9
NE	.1											.1	3.0
ENE	.1											.1	2.0
E	.3											.3	1.3
ESE	.2											.2	2.5
SE	.2											.2	2.0
SSE	.2	.1										.3	3.7
S	.2	.1										.3	3.0
SSW													
SW	.1											.1	2.0
WSW		.1										.1	5.0
W	1.3	1.3	.4									3.0	4.4
WNW	1.7	6.1	.4									8.3	4.5
NW	4.5	11.4	2.6	.1								18.6	4.7
NNW	5.9	19.6	7.0	.2								32.7	5.1
VARBL													
CALM												22.0	
	19.5	44.6	13.3	.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | AUG 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	5.3	11.1	9.4	1.2								26.9	6.0
NNE	1.0	.6										1.6	3.0
NE	.2											.2	2.0
ENE	.4											.4	2.5
E	.6											.6	2.0
ESE	.8											.8	2.3
SE	.2											.2	2.0
SSE	.2	.1										.3	3.3
S	.2											.2	1.5
SSW	.1	.1										.2	3.5
SW			.1									.1	7.0
WSW		.1										.1	4.0
W	.4	.4										.9	3.3
WNW	1.1	2.5	.9									4.4	4.8
NW	2.7	8.2	3.8	.4								15.1	5.6
NNW	2.8	13.1	11.4	1.8								29.1	6.5
VARBL													
CALM												18.8	
	16.0	36.2	25.5	3.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (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	1.7	7.1	4.8	.4								14.1	6.1
NNE	.6	.4	.1									1.2	3.4
NE		.1	.1									.2	7.5
ENE													
E	.1	.1										.2	3.0
ESE	.4	.1										.5	2.8
SE	.3	.1	.1									.5	3.4
SSE	.1	.1										.2	3.0
S	.4											.4	1.8
SSW	.9											.9	2.1
SW	.6											.6	1.7
WSW	.5	.4										1.0	3.4
W	2.4	2.5	.4									5.3	3.9
WNW	2.0	8.0	3.4	.2								13.7	5.6
NW	1.3	12.4	12.2	2.4	.1							28.3	7.0
NNW	1.2	11.0	13.0	1.9								27.1	7.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.7	
	12.7	42.3	34.2	5.0	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 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	.6	2.9	3.3	.4								7.3	6.8
NNE	.3	.2										.5	3.0
NE													
ENE	.1	.1										.2	3.0
E	.4	.1										.5	2.6
ESE	.1											.1	3.0
SE		.1										.1	4.0
SSE													
S	.4	.3										.8	3.4
SSW	.1	.9										1.0	4.7
SW	.5	.6										1.1	3.6
WSW	.8	.5	.1									1.4	3.5
W	2.3	4.8	1.7	.1								8.9	4.9
WNW	2.4	10.8	6.1	.6								19.9	6.0
NW	1.5	12.9	17.1	1.7								33.2	7.1
NNW	1.1	6.9	11.3	2.7								21.9	7.5
VARBL													
CALM												3.0	
	10.5	41.2	39.7	5.6								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) 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	.3	3.2	7.2	2.7								13.5	8.4
NNE	.2		.2									.4	5.5
NE	.1											.1	3.0
ENE													
E	.1											.1	2.0
ESE													
SE													
SSE			.2									.2	9.5
S		.1	.1									.2	7.0
SSW		.1										.1	4.0
SW	.2	.2	.1									.5	4.8
WSW	.1	.2	.1	.1								.5	6.4
W	.5	1.8	.5	.3								3.2	6.1
WNW	.8	5.4	5.1	.9								12.1	6.7
NW	.9	10.0	20.8	3.2								34.9	7.7
NNW	1.0	6.9	16.9	8.1	.1							33.0	8.6
VARBL													
CALM												1.1	
	4.2	28.0	51.3	15.3	.1							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 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	2.3	6.5	7.9	2.0	.1							18.8	6.9
NNE	.1	.1	.3									.5	6.8
NE													
ENE			.1									.1	9.0
E													
ESE													
SE													
SSE		.1										.1	6.0
S		.1	.1									.2	6.5
SSW	.1											.1	2.0
SW	.1											.1	3.0
WSW		.3	.3									.6	6.8
W	.1	.5	.9	.2								1.7	8.[illegible]
WNW	.5	2.0	1.6	.1								4.3	6.3
NW	1.1	6.9	8.7	.4								17.2	6.7
NNW	2.7	21.6	24.7	5.5								54.5	7.2
VARBL													
CALM												1.7	
	7.0	38.2	44.7	8.3	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (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	7.1	15.4	10.1	1.1								33.8	5.7
NNE	1.6	1.7	.5									3.9	4.2
NE	.5	.2										.8	2.9
ENE	.2											.2	2.5
E													
ESE	.1											.1	2.0
SE													
SSE	.1											.1	3.0
S													
SSW													
SW	.2											.2	2.5
WSW	.1	.2	.1									.4	5.5
W	.5	1.7	.9	.1								3.2	5.5
WNW	1.7	3.0	1.0									5.7	4.7
NW	2.3	4.9	2.2	.1								9.4	5.0
NNW	5.4	12.3	11.4	1.9								31.1	6.3
VARBL													
CALM												11.1	
	20.0	39.5	26.2	3.2								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (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	3.2	7.9	6.3	1.0	.0							18.4	6.1
NNE	.6	.5	.1									1.3	3.8
NE	.1	.0	.0									.2	3.4
ENE	.1	.0	.0									.2	3.2
E	.2	.0	.0									.3	2.6
ESE	.2	.0										.2	2.6
SE	.1	.0	.0									.1	3.0
SSE	.1	.1	.0									.2	4.6
S	.2	.1	.0									.3	3.5
SSW	.1	.1										.3	3.4
SW	.2	.1	.0									.4	3.4
WSW	.2	.2	.1	.0								.5	4.6
W	1.1	2.0	.7	.1								3.8	4.9
WNW	1.6	5.4	2.4	.2								9.6	5.5
NW	2.3	9.3	8.8	1.1	.0							21.6	6.5
NNW	3.4	13.5	13.0	2.9	.0							32.9	6.7
VARBL													
CALM												9.7	
	13.8	39.4	31.6	5.4	.0							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7431

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (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	4.4	7.8	3.3	.1								15.7	4.8
NNE	.6	.3			.1							1.0	5.0
NE	.1											.1	3.0
ENE	.3	.1										.4	2.5
E	.7	.2										.9	2.8
ESE	.3	.6	.1									1.4	3.7
SE	.4	.2										.7	2.7
SSE	.1											.1	3.0
S	.3											.3	2.0
SSW	.1											.1	2.0
SW	.2	.2	.2									.7	5.3
WSW	.2	.1		.1								.4	5.0
W	.6	1.2	.3									2.1	4.7
WNW	1.9	4.4	1.3									7.7	4.7
NW	3.2	8.4	2.9	.1								14.7	5.0
NNW	5.7	12.6	6.1	.4								24.8	5.2
VARBL													
CALM												28.9	
	19.7	36.2	14.3	.8	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (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	3.6	4.7	1.6	.1								9.9	4.6
NNE	1.0	.3										1.3	2.8
NE	.1	.1										.2	3.0
ENE	.2	.1										.3	2.7
E	.9	.2										1.1	2.5
ESE	.7	.3	.1									1.1	3.8
SE	.8	.4										1.2	3.2
SSE	.3		.1									.4	3.3
S	.6	.3										.9	2.9
SSW	.3	.2										.6	3.2
SW	.3		.1									.4	3.0
WSW	.3	.1	.1									.6	3.6
W	1.0	1.9	.1									3.0	3.9
WNW	2.9	4.0	.9									7.8	4.3
NW	3.6	7.2	3.0	.6								14.3	5.1
NNW	5.1	11.2	4.1	.8								21.2	5.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	35.6	
	21.7	31.2	10.1	1.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (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	3.2	7.3	7.2	1.1								18.9	6.3
NNE	.9	.2	.1									1.2	2.9
NE		.2										.2	5.0
ENE	.1											.1	1.0
E	.9											.9	1.8
ESE	2.4	.4										2.9	2.5
SE	1.8	1.1										2.9	3.2
SSE	.4	.2										.7	3.3
S	1.2	.4										1.7	2.9
SSW	.3	.2										.6	3.2
SW	.1	.3										.4	4.3
WSW	.2	.2										.4	3.3
W	.7	1.1	.1									1.9	4.2
WNW	1.1	2.8	.2									4.1	4.1
NW	2.3	4.0	1.9	.2								8.4	5.0
NNW	3.7	9.7	8.4	2.1								23.9	6.3
VARBL													
CALM												30.8	
	19.4	28.3	18.0	3.4								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (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	2.6	4.3	7.0	1.0	.2							15.1	6.9
NNE	.6	.3										.9	3.1
NE	.1	.2										.3	3.7
ENE	.1											.1	3.0
E	.8	.2	.1									1.1	3.1
ESE	1.3	.4										1.8	2.9
SE	1.0	1.1	.2									2.3	4.0
SSE	.3	.6	.2									1.1	4.6
S	1.3	2.7	.7									4.7	4.4
SSW	1.1	1.0	.1									2.2	3.6
SW	1.0	.4	.2									1.7	3.6
WSW	1.3	1.4	.1									2.9	3.8
W	2.6	1.2	.4									4.2	3.6
WNW	1.8	5.9	1.7									9.3	4.8
NW	2.2	7.7	8.9	1.4								20.2	6.8
NNW	1.1	6.9	10.0	4.4	.3							22.8	7.9
VARBL													
CALM												9.2	
	19.2	34.4	29.7	6.9	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 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	.6	2.8	3.3	.9	.2							7.8	7.4
NNE	.1	.4										.6	4.4
NE													
ENE	.1											.1	1.0
E	.8	.3										1.1	3.0
ESE	.7											.7	2.0
SE	.3		.2	.1								.7	6.0
SSE	.6	.4	.3	.1								1.4	5.2
S	.9	1.2	.3									2.4	4.2
SSW	1.2	.8	.1									2.1	3.4
SW	2.1	.8	.7									3.6	4.2
WSW	.8	.7	.3	.1								1.9	4.9
W	2.6	3.2	1.1	.1								7.0	4.6
WNW	3.3	7.6	5.8	.8								17.4	5.9
NW	2.4	11.4	13.0	2.3	.2							29.4	6.9
NNW	.8	4.8	7.4	2.7	.6							16.2	8.2
VARBL													
CALM												7.6	
	17.2	34.4	32.7	7.1	1.0							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) 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	1.1	3.3	5.8	1.3		.2						11.8	7.8
NNE	.2	.3										.6	3.2
NE		.1	.1									.2	7.0
ENE													
E		.2										.2	4.0
ESE	.4	.1										.6	2.4
SE	.3	.4	.1	.3								1.2	6.4
SSE	.1	.1	.1									.3	5.0
S	.7	.9	.2									1.8	4.2
SSW	.6	.4	.1									1.1	4.2
SW	.7	.4	.2									1.3	4.3
WSW	.3	.2	.2	.2								1.0	6.8
W	.8	1.8	.7	.2								3.4	5.2
WNW	2.0	5.0	1.9	.2								9.1	5.3
NW	1.6	9.4	16.8	3.3	.2							31.3	7.6
NNW	1.1	6.7	16.1	7.0	.6							31.4	8.7
VARBL													
CALM												4.6	
	9.9	29.6	42.3	12.7	.8	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (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	4.4	6.9	2.1	.3								13.8	4.7
NNE	.3	.1	.1									.6	3.8
NE		.1		.1								.2	8.5
ENE		.1										.1	4.0
E	.1											.1	2.0
ESE	.2	.1										.3	2.7
SE	.3	.1										.4	2.5
SSE	.1	.1	.2									.4	5.5
S	.2		.1									.3	4.0
SSW	.1	.1										.2	3.0
SW	.3	.2	.2									.8	5.0
WSW		.2	.3									.6	6.0
W	.6	1.4	1.1	.2								3.3	6.0
WNW	1.1	4.2	1.2									6.6	5.2
NW	3.2	11.0	6.0	.9	.1							21.2	5.8
NNW	3.2	20.0	15.1	3.1								41.4	6.5
VARBL													
CALM												9.6	
	14.3	44.8	26.6	4.7	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (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	6.2	11.0	5.3	.3								22.9	5.1
NNE	1.2	1.2										2.4	3.6
NE	.3	.2										.6	3.0
ENE	.1	.2										.3	4.3
E	.3	.2	.1									.7	4.0
ESE	.4	.1	.1									.7	3.0
SE	.3	.2	.1									.7	3.5
SSE	.2	.2										.4	3.5
S	.1											.1	2.0
SSW	.2		.1									.3	5.3
SW	.1	.4										.6	4.0
WSW	.3	.4										.8	3.3
W	.8	1.6	.3	.2								2.9	5.3
WNW	1.0	2.6	1.1	.1								4.8	5.5
NW	2.8	4.9	1.8	.4								9.9	5.3
NNW	4.4	14.3	8.7	.9								28.3	5.7
VARBL													
CALM												23.7	
	19.0	37.7	17.7	2.0								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (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	3.3	6.0	4.5	.7	.1	.0						14.5	5.8
NNE	.6	.4	.0		.0							1.1	3.5
NE	.1	.1	.0	.0								.2	4.5
ENE	.1	.1										.2	2.9
E	.6	.2	.0									.8	2.8
ESE	.9	.3	.0									1.2	2.9
SE	.7	.5	.1	.1								1.3	3.9
SSE	.3	.2	.1	.0								.6	4.4
S	.7	.7	.2									1.5	3.9
SSW	.5	.3	.1									.9	3.6
SW	.6	.4	.2									1.2	4.2
WSW	.4	.4	.1	.1								1.1	4.5
W	1.2	1.7	.5	.1								3.5	4.6
WNW	1.9	4.6	1.8	.1								8.3	5.1
NW	2.7	8.0	6.8	1.2	.1							18.7	6.3
NNW	3.1	10.8	9.5	2.7	.2							26.3	6.7
VARBL													
CALM												18.7	
	17.6	34.6	23.9	4.9	.3	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	4.3	6.1	1.2	.2								11.8	4.4
NNE	.9	.9	.4									2.2	4.4
NE	.5											.5	2.0
ENE	.6	.1										.8	2.4
E	.5	.4										1.0	3.3
ESE	1.4	.3	.1									1.8	2.9
SE	1.1	.5	.4	.4								2.5	5.7
SSE	.9	.3	.1	.1								1.4	3.7
S	.3	.2	.1									.6	3.8
SSW	.1	.1	.1									.3	5.3
SW	.1	.1										.2	3.5
WSW		.1										.1	4.0
W	1.5	1.2	.1									2.9	3.4
WNW	1.3	1.8	.2	.1								3.4	4.3
NW	1.4	3.0	1.0	1.1								6.5	6.4
NNW	3.7	6.6	2.9	.2	.2							13.5	5.1
VARBL													
CALM												50.4	
	18.7	21.8	6.7	2.2	.2							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	3.4	3.4	1.2	.1	.2							8.4	4.7
NNE	.5	.4	.1	.1								1.2	4.8
NE	.4	.2		.1								.8	4.1
ENE	.2	.1										.3	2.7
E	.5	.4	.1									1.1	3.4
ESE	.6	.1										.8	2.7
SE	.9	.6	.5	.4								2.4	6.3
SSE	.2	.1										.3	3.3
S	.1	.1	.3									.5	6.8
SSW	.2	.1										.3	2.7
SW	.3											.3	2.0
WSW													
W	1.2	1.1	.1									2.4	3.7
WNW	1.7	2.5		.1								4.3	4.2
NW	3.2	3.2	1.0	.9								8.3	5.1
NNW	4.6	6.7	2.4	.2	.1							14.0	4.8
VARBL													
CALM												54.7	
	18.2	19.1	5.7	1.9	.3							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	3.8	5.7	3.1	.4								13.0	5.1
NNE	.9	.3	.1									1.3	3.3
NE	.4											.4	2.0
ENE	.5	.1	.1									.8	2.7
E	.6	.5		.1								1.3	4.0
ESE	1.3	.6	.2	.4								2.6	5.3
SE	1.6	.8	.6	.3								3.3	5.0
SSE	1.1	.9	.1	.2								2.3	4.4
S	.4	.1										.5	2.4
SSW	.3	.3										.6	3.8
SW	.1	.3										.4	3.5
WSW			.1									.1	8.0
W	.6	.4	.1									1.2	3.8
WNW	1.2	1.9	.3									3.4	4.3
NW	1.0	3.3	1.3	.3								5.9	5.6
NNW	2.9	5.2	4.6	1.4	.1							14.2	6.5
VARBL													
CALM												48.6	
	16.8	20.5	10.8	3.2	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	2.9	4.3	5.1	.9	.1							13.2	6.2
NNE	.4	.8	.4									1.6	4.8
NE	.1											.1	2.0
ENE		.1										.1	4.0
E		.1	.1									.2	7.0
ESE	1.7	.5	.4	.2								2.9	4.7
SE	1.5	1.5	1.3	.6	.1							5.1	6.5
SSE	1.8	1.0	.9		.1							3.8	4.7
S	2.3	2.8	1.3	.1	.1							6.6	4.8
SSW	1.1	.8	.1									1.9	3.4
SW	1.0	.6	.1									1.7	3.4
WSW	.9	.4										1.3	2.7
W	2.6	1.1										3.7	2.9
WNW	1.9	2.2	.9	.3								5.3	4.8
NW	1.4	4.5	4.1	1.6	.1							11.7	7.2
NNW	.8	5.8	7.2	4.4	1.0	.1						19.2	8.7
VARBL													
CALM												21.6	
	20.3	26.5	21.8	8.2	1.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 STATION | CASTLE AFB CA STATION NAME | 68-70,73-79 YEARS | OCT MONTH

ALL WEATHER CLASS | 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	1.1	3.3	3.0	1.1	.1							8.6	7.0
NNE	.1	.3	.3									.8	5.3
NE	.-											.3	2.3
ENE	.3											.3	2.3
E	.4											.4	1.5
ESE	.4	.4										.9	3.5
SE	.5	.3	.4	.6	.1							2.0	8.1
SSE	.4	.9	1.2	.4	.1							3.0	7.5
S	1.4	1.5	1.0	.2	.2							4.3	5.8
SSW	1.4	1.1	.1									2.6	3.5
SW	1.4	1.1	.3									2.8	3.8
WSW	1.4	.5	.1									2.0	3.2
W	4.6	2.8	.2	.1								7.8	3.4
WNW	3.8	6.2	1.7	.3								12.1	4.5
NW	1.8	6.8	6.7	1.7	.4	.1						17.5	7.5
NNW	2.7	6.0	7.4	3.0	1.4	.1						20.0	8.2
VARBL													
CALM												14.5	
	21.5	31.3	22.5	7.5	2.4	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	2.9	5.7	4.4	1.1								14.1	5.9
NNE	.1	.6	.5									1.3	6.0
NE		.2	.1									.3	6.3
ENE	.2											.2	2.0
E	.2	.1		.1								.4	5.3
ESE		.1		.1								.2	9.5
SE	.2	.6	.6	.4	.1	.1						2.2	9.0
SSE	.1		.2	.3	.1							.8	11.1
S	.4	.8	.6	.1								1.9	6.1
SSW	.6	.9										1.5	3.7
SW	.3	1.1	.4	.1								1.9	5.8
WSW	.5	.5	.2	.1	.1							1.5	5.8
W	1.7	1.3	.6	.1								3.8	4.5
WNW	2.4	4.5	1.2									8.1	4.6
NW	2.6	8.9	7.7	2.3								21.5	6.7
NNW	2.9	8.7	10.1	4.1	1.1	.3						27.2	7.8
VARBL													
CALM												13.1	
	15.3	34.1	26.9	8.8	1.4	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	6.6	6.6	2.9	.1								16.1	4.4
NNE	1.3		.1									1.4	2.8
NE	.3	.1										.4	3.0
ENE	.3											.3	2.3
E	.4		.1									.5	3.4
ESE	.4	.3	.3	.1								1.2	5.6
SE	.3	.3		.2		.1						1.0	7.8
SSE		.2	.1	.1	.1							.5	10.0
S	.4	.6										1.1	4.3
SSW	.1	.4										.5	5.0
SW	.3	.3	.1									.8	4.1
WSW	.3	.3	.4	.1								1.2	6.5
W	1.1	1.3	.5	.2								3.1	5.2
WNW	1.9	3.0	1.4	.1								6.5	4.9
NW	4.0	6.1	2.0	.6								12.8	5.0
NNW	4.8	11.7	4.9	1.0	.1							22.6	5.5
VARBL													
CALM												30.0	
	22.7	31.4	13.0	2.6	.2	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CAS LE AFS CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	4.4	8.8	2.3	.2								15.7	4.7
NNE	.0	1.2	.2									2.4	4.0
NE	.6											.6	2.3
ENE	.1											.1	3.0
E	.6	.9										1.5	3.6
ESE	.9	.5		.4								1.8	5.2
SE	.8	1.0	.2	.1								2.0	4.3
SSE	.4	.1			.2							.8	7.1
S	.3	.2	.1									.6	4.2
SSW	.1	.4										.5	4.2
SW		.2		.1								.3	7.3
WSW	.3	.2										.5	3.4
W	.6	1.5	.5									2.7	4.9
WNW	1.0	2.7	.4	.2								4.3	4.9
NW	1.9	3.0	1.5	.6	.2							7.3	6.0
NNW	3.5	5.8	3.2	.5								13.1	5.3
VARBL													
CALM												45.6	
	16.7	26.6	8.5	2.3	.4							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (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	3.7	5.5	2.9	.5	.1							12.6	5.2
NNE	.6	.6	.3	.0								1.5	4.3
NE	.3	.1	.0	.0								.4	3.1
ENE	.3	.1	.0									.4	2.6
E	.4	.3	.0	.0								.8	3.7
ESE	.8	.4	.1	.2								1.5	4.6
SE	.8	.7	.5	.4	.0	.0						2.6	6.4
SSE	.6	.4	.3	.1	.1							1.6	5.9
S	.7	.8	.4	.1	.0							2.0	5.1
SSW	.5	.5	.0									1.0	3.7
SW	.4	.5	.1	.0								1.1	4.3
WSW	.4	.3	.1	.0	.0							.8	4.3
W	1.8	1.3	.3	.1								3.4	3.9
WNW	1.9	3.1	.8	.1								5.9	4.6
NW	2.2	4.9	3.2	1.1	.1	.0						11.4	6.4
NNW	3.2	7.1	5.4	1.9	.5	.1						18.0	6.7
VARBL													
CALM												34.8	
	18.8	26.4	14.5	4.6	.8	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7439

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	1.7	1.6	.4									3.7	4.1
NNE	.8	.3										1.1	2.8
NE	.4											.4	2.3
ENE	.4	.1										.5	2.4
E	2.1	.4										2.6	2.7
ESE	1.9	.8	.4	.4	.1							3.7	5.4
SE	2.1	1.9	1.4	.6	.2	.4	.1					6.8	7.6
SSE	1.6	1.1	.8	.4	.1							4.0	5.9
S	.8	.9	.2	.1	.2							2.2	6.0
SSW	.6	.4	.6									1.6	5.1
SW	.2	.8										1.0	4.0
WSW		.1	.1									.2	7.0
W	.3	.2	.3									.9	5.5
WNW	.6	.2	.4	.1								1.3	5.5
NW	1.3	1.1	1.6	.4								4.4	6.2
NNW	1.1	3.3	1.7	.7								6.8	6.1
VARBL													
CALM												58.8	
	15.9	13.3	8.0	2.8	.7	.4	.1					100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	1.4	2.1	.9	.1								4.6	4.8
NNE	.8	.2										1.0	2.6
NE	.9											.9	2.3
ENE	.8	.2										1.0	2.9
E	2.4	.9										3.3	2.9
ESE	1.1	1.1	.2	.3								2.8	4.8
SE	1.2	1.4	1.8	1.0		.1	.1	.1				5.8	8.3
SSE	.8	1.4	.9	.6								3.7	6.4
S	1.2	.8	.6	.1								2.7	4.9
SSW	.4	.4		.1								1.0	4.1
SW	.2	.1	.1	.1								.6	5.4
WSW	.1	.2										.3	4.3
W	.4	.2	.1									.8	4.1
WNW	.8	1.2	.2									2.2	4.6
NW	1.1	1.7	1.1	.6								4.4	6.1
NNW	1.7	2.7	2.2	.4								7.0	5.8
VARBL													
CALM												58.0	
	15.5	14.8	8.1	3.3		.1	.1	.1				100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	2.7	1.0	.1	.1							5.6	5.1
NNE	.8	.8	.1									1.7	3.5
NE	.8											.8	2.1
ENE	.2	.2										.4	3.3
E	.8	.6	.2									1.6	3.5
ESE	2.0	1.3	.4	.2								4.0	4.3
SE	3.0	1.6	1.3	.7	.2	.1						6.9	5.9
SSE	1.2	.9	1.1	1.0	.4	.1						4.8	8.8
S	1.2	1.1	.2	.1								2.7	4.2
SSW	.6	.1	.3									1.0	5.0
SW	.1	.3										.4	4.5
WSW	.4			.1	.1							.7	6.3
W	.8	.2										1.0	2.9
WNW	.7	.3	.1									1.1	3.9
NW	.7	2.0	1.0									3.7	5.2
NNW	2.0	2.4	2.2	.8	.1							7.6	6.1
VARBL													
CALM												56.2	
	16.9	14.6	8.1	3.0	1.0	.2						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	2.1	2.4	.4	.2							7.1	6.3
NNE	.8	.4	.1									1.3	3.2
NE													
ENE	.2											.2	1.5
E	1.1	.3										1.4	2.8
ESE	1.8	2.1	.3	.6	.1							4.9	5.4
SE	2.8	4.7	1.8	1.6	.6	.2	.1					11.4	7.0
SSE	2.6	3.4	2.4	1.0	.6	.1						10.1	6.6
S	4.4	4.2	.8	.1								9.6	3.9
SSW	.9	1.2	.4	.1								2.7	4.9
SW	1.2	.2	.1									1.6	3.1
WSW	.8	.3										1.1	2.7
W	2.0	.3										2.3	2.6
WNW	.7	.3	.3									1.3	4.3
NW	.9	1.3	1.8	1.4	.1							5.6	8.2
NNW	.7	1.9	4.6	2.9	.1	.1						10.2	8.9
VARBL													
CALM												29.1	
	22.7	23.0	14.9	8.1	1.7	.4	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 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	2.9	2.7	3.2	1.0	.2							10.0	6.3
NNE	.8	.1	.1									1.0	3.3
NE	.3	.2										.6	3.0
ENE	.1			.1								.2	7.0
E	.8	.5										1.3	3.7
ESE	1.3	.7	.6	.8	.3							3.7	7.8
SE	1.7	2.6	1.9	1.0	1.0	.3	.1					8.6	8.8
SSE	1.9	2.2	1.1	1.1	.2	.1						6.7	7.0
S	3.0	3.1	1.9	.2	.1	.1						8.4	5.2
SSW	1.9	.9	.4	.1								3.3	3.7
SW	1.4	.7										2.1	2.8
WSW	1.4	.8										2.2	2.9
W	2.3	.9	.2									3.4	3.2
WNW	2.9	1.3	.2									4.3	3.2
NW	2.4	2.6	2.9	.8								8.7	6.1
NNW	1.8	2.8	4.8	3.6	.6	.1						13.6	8.8
VARBL													
CALM												21.9	
	26.9	22.0	17.3	8.7	2.4	.7	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	5.3	5.2	2.7	.7								13.9	4.9
NNE	.7	1.0	.1									1.8	4.1
NE	.3	.6										.9	3.9
ENE	.4	.1										.6	2.8
E	.7	.4	.1	.2								1.4	5.0
ESE	.8	.4	.1	.6	.1							2.0	7.3
SE	1.4	1.7	1.6	.9	.4	.1						6.1	7.8
SSE	.9	1.2	1.0	.9	.2	.1						4.3	7.9
S	1.1	1.7	.8	.3	.1	.2						4.2	7.0
SSW	1.1	.6	.2									1.9	3.6
SW	1.2	1.3	.1									2.7	3.8
WSW	.8	.3	.1									1.2	3.8
W	2.2	.7	.6									3.4	3.6
WNW	2.6	1.9	.1									4.6	3.4
NW	2.1	3.9	2.3	.4								8.8	5.7
NNW	3.0	5.8	4.4	2.4	.4	.2						16.3	7.3
VARBL													
CALM												25.9	
	24.7	26.8	14.2	6.4	1.3	.7						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	3.7	2.6	.9	.1								7.2	4.0
NNE	2.1	.7										2.8	2.6
NE	1.1	.4										1.6	2.6
ENE	.8											.8	2.1
E	.6	.3										.9	3.4
ESE	.7	.8	.3	.1	.2							2.1	6.6
SE	1.3	1.7	.8	.3	.2							4.3	6.4
SSE	.3	.7	.4	.6	.7							2.7	10.4
S	.7	1.2	.3	.3			.1					2.7	6.6
SSW	.7	.6	.1									1.3	3.7
SW	1.0	.3	.2									1.6	3.6
WSW	.2	.1										.3	3.7
W	.8	.7	.2	.1								1.8	4.8
WNW	1.9	2.0	.4									4.3	3.9
NW	1.8	2.6	1.6	.4								6.3	5.7
NNW	3.0	4.9	2.3	.7	.2							11.1	5.7
VARBL													
CALM												48.2	
	20.6	19.4	7.7	2.7	1.3		.1					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (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	2.3	2.6	.3	.1								5.3	4.1
NNE	1.1	.2										1.3	2.6
NE	.8	.4										1.2	3.1
ENE	.7	.2										.9	2.5
E	2.3	1.0	.1									3.4	3.2
ESE	2.1	1.0	1.1	.1	.4	.1						4.9	6.3
SE	.9	1.8	1.7	.2		.2	.2					5.0	7.8
SSE	.8	.7	.3	.6	.1	.3	.1					2.9	9.5
S	1.1	.4	.3	.4								2.3	5.1
SSW	.4		.1	.1								.7	4.5
SW		.2										.2	4.5
WSW	.3	.2	.1									.7	4.0
W	.4	.3	.2									1.0	4.3
WNW	.7	1.0	.3	.1								2.1	5.1
NW	.8	.9	2.0	.3								4.0	7.0
NNW	1.9	2.4	1.8	.6								6.7	6.0
VARBL													
CALM												57.3	
	16.7	13.4	8.4	2.6	.6	.7	.3					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23233 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) 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	2.6	2.7	1.5	.3	.1							7.2	5.1
NNE	1.0	.5	.1									1.5	3.1
NE	.6	.2										.8	2.8
ENE	.5	.1		.0								.6	2.8
E	1.3	.6	.1	.0								2.0	3.3
ESE	1.5	1.0	.4	.4	.2	.0						3.5	5.9
SE	1.8	2.2	1.5	.8	.3	.2	.1	.0				6.9	7.5
SSE	1.3	1.5	1.0	.8	.3	.1	.0					4.9	7.5
S	1.7	1.7	.6	.2	.1	.0	.0					4.3	5.1
SSW	.8	.5	.3	.1								1.7	4.2
SW	.7	.5	.1	.0								1.3	3.6
WSW	.5	.3	.0	.0	.0							.8	3.7
W	1.2	.4	.2	.0								1.8	3.6
WNW	1.3	1.0	.3	.0								2.7	4.0
NW	1.4	2.0	1.8	.6	.0							5.7	6.2
NNW	1.9	3.3	3.0	1.5	.2	.1						9.9	7.1
VARBL													
CALM												44.4	
	20.0	18.4	10.8	4.7	1.1	.4	.1	.0				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 7199

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 STATION | CASTLE AFB CA STATION NAME | 68-70,73-79 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	1.7	1.7	.3									3.8	3.9
NNE	1.2	.5	.2									1.9	3.7
NE	.8	.4										1.2	3.0
ENE	.4	.2										.6	3.0
E	1.7	1.1	.1	.1								3.0	3.5
ESE	2.9	1.9	.8	.8	.1							6.5	5.2
SE	3.0	3.4	1.8	1.5	.4	.1						10.3	6.9
SSE	1.4	2.2	.6	.8	.1	.2						5.3	6.8
S	.5	1.6	.8	.2								3.1	5.7
SSW	.6	.5	.2		.1							1.5	5.2
SW	.4	.3										.8	3.6
WSW	.2											.2	2.0
W	.6	.4	.1									1.2	3.3
WNW	.5	.6	.1	.1								1.4	4.6
NW	.4	.3	.6	.2								1.6	6.4
NNW	1.3	1.8	1.6	.9	.2							5.8	7.1
VARBL													
CALM												51.8	
	17.8	17.2	7.3	4.5	1.0	.3						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (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	1.2	1.4	.5									3.1	4.3
NNE	1.3	.4	.1									1.8	3.1
NE	.4	.2										.6	2.5
ENE	.3	.2										.5	3.6
E	1.4	.5	.2									2.2	3.7
ESE	2.0	1.6	1.2	1.1	.3							6.2	7.0
SE	2.4	2.0	2.3	1.2	.3	.2						8.4	7.1
SSE	.9	2.0	1.1	.5			.1					4.6	6.6
S	1.6	1.5	.5	.3								4.0	4.9
SSW	.4	.9	.1	.1								1.5	5.0
SW	1.0	.5	.1									1.6	3.4
WSW	.1											.1	2.0
W	1.0	.5	.2									1.7	3.9
WNW	.6	.1										.8	3.0
NW	1.7	.5	1.0	.5	.1							3.9	6.3
NNW	1.0	1.6	1.6	.8								4.9	6.8
VARBL													
CALM												54.0	
	17.3	14.2	8.9	4.5	.8	.2	.1					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23213 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (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	1.6	1.1	.4									3.1	4.1
NNE	1.0	.4										1.4	2.9
NE	.5	.2										.8	2.7
ENE	.9											.9	1.8
E	1.8	.8	.1	.2								2.9	3.9
ESE	1.8	1.5	.8	.6	.1							4.8	6.0
SE	1.5	2.2	2.6	1.7	1.0	.1						9.0	8.8
SSE	1.8	1.8	3.1	.9	.2							7.8	7.0
S	2.3	1.8	.8	.1								4.9	4.3
SSW	.8	.5	.2									1.5	4.1
SW	.2	.2	.2	.1								.8	6.4
WSW	.5	.1										.5	2.2
W	.8	.2										1.0	2.8
WNW	.4	.5	.1									1.1	4.1
NW	.6	.6	.6	.5	.2							2.8	8.1
NNW	1.0	1.5	2.0	.6	.2							5.4	7.5
VARBL													
CALM												51.2	
	17.5	13.5	11.0	4.9	1.7	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (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	1.7	1.6	1.2	.6								5.2	6.1
NNE	1.3	.1	.1									1.2	3.0
NE	.4											.4	2.0
ENE	.6	.2										.9	2.9
E	.9	.4	.1									1.4	3.6
ESE	2.2	2.7	1.2	.4								6.5	5.0
SE	3.3	3.4	3.7	2.6	1.4	.3	.1					14.8	8.5
SSE	2.4	5.1	3.5	1.9	.1	.3						13.3	7.0
S	3.4	2.8	1.0	.3	.1							7.6	4.5
SSW	1.6	.9										2.5	3.1
SW	.5	.2	.1	.1	.1							1.1	6.4
WSW	.5	.4	.1	.1								1.2	4.9
W	.8	.1		.1								1.0	3.6
WNW	.5	.4	.2									1.2	4.1
NW	.8	.8	.9	.4	.1	.2						3.1	8.1
NNW	.9	1.5	2.3	1.8	.8	.1	.1					7.4	9.9
VARBL													
CALM												31.3	
	21.5	20.6	14.3	8.5	2.6	1.0	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 230

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 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	1.4	2.0	1.9	.9								6.2	6.1
NNE	.8	.5	.1									1.4	3.8
NE	.1	.3										.4	5.0
ENE	.3	.1	.2									.6	4.7
E	.9	1.1	.1									2.0	3.8
ESE	.8	1.2	1.4									3.3	5.6
SE	1.4	3.2	2.6	2.2	1.3	.4						11.1	9.3
SSE	1.6	3.5	2.2	1.9	.4	.2	.1					10.0	8.1
S	2.9	3.4	1.2	.2	.1							7.8	4.8
SSW	2.2	1.5	.5	.1								4.3	4.0
SW	.9	1.1	.3	.1								2.4	4.3
WSW	1.1	.4	.1	.2								1.8	4.1
W	2.5	1.1	.3									3.9	3.4
WNW	1.8	.6	.1					.1				2.7	4.2
NW	1.5	2.2	.8	.8	.4	.1	.1					5.8	7.9
NNW	1.6	2.7	3.7	2.2	.2	.4		.1				10.9	8.9
VARBL													
CALM												25.3	
	21.6	25.1	15.5	8.5	2.5	1.2	.2	.2				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (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	4.6	4.5	1.4	.5	.2	.1						11.4	5.0
NNE	1.2	1.1	.2									2.5	3.7
NE	.4	.1	.2									.8	4.0
ENE	.6	.1										.8	2.6
E	1.3	.3										1.6	2.7
ESE	1.0	1.0	.6	.4	.1							3.1	6.6
SE	1.1	1.9	1.7	1.4	1.1	.4						7.9	10.9
SSE	1.2	2.5	1.7	.5	.4		.1					6.5	7.4
S	1.7	2.9	1.1	.2								5.9	4.9
SSW	1.6	1.7	.4									3.8	3.9
SW	1.4	.6	.3	.1	.1							2.6	4.5
WSW	.3	.6										1.0	4.1
W	1.1	1.2	.3									2.5	4.2
WNW	1.1	1.1	.3									2.5	4.0
NW	1.2	1.8	.9	.5								4.4	5.8
NNW	2.4	4.1	2.6	1.4	.3	.2	.1					11.1	7.4
VARBL													
CALM												31.8	
	22.1	25.6	12.1	5.2	2.3	.8	.2					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (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	2.4	2.4	.9	.5	.1							6.3	5.2
NNE	1.4	.3	.1									1.8	3.4
NE	.4											.4	2.0
ENE	.8	.2										1.0	3.0
E	2.6	.9	.3									3.8	3.1
ESE	1.5	1.5	.2	.5								3.8	5.1
SE	1.7	2.3	1.0	1.1	.6	.8						7.4	9.2
SSE	1.4	1.6	1.3	.8	.2		.1					5.4	7.2
S	1.4	2.3	.3	.2								4.2	4.6
SSW	.6	.1										.8	2.9
SW	.6	.9										1.5	3.4
WSW	.5	.1										.6	2.2
W	.9	.2										1.1	2.9
WNW	.6	.6	.2									1.5	4.2
NW	1.2	2.2	1.2	.3	.1							5.0	6.1
NNW	1.7	2.7	1.3	.9								6.6	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	48.9	
	19.8	18.2	6.8	4.3	1.1	.8	.1					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (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	1.7	1.4	.4	.2								3.8	4.7
NNE	.8	.8										1.5	3.4
NE	.4	.2										.6	2.8
ENE	.4											.4	2.3
E	1.7	1.4	.2									3.3	3.4
ESE	2.6	1.7	.6	.3	.5							5.8	5.7
SE	3.0	2.6	1.4	.9	.5	.5	.1					9.1	7.6
SSE	1.4	1.8	1.0	.5	.4	.1						5.3	7.2
S	1.1	1.4	.8									3.2	4.8
SSW	.5	.5	.2									1.3	4.5
SW	.3	.3										.6	3.5
WSW	.2	.2	.1									.5	3.2
W	.4	.1										.5	2.4
WNW	.4	.8	.1									1.3	3.9
NW	.8	.8	.6	.5	.1							2.8	6.7
NNW	.6	2.5	1.4	1.5								6.0	7.3
VARBL													
CALM												53.7	
	16.5	16.5	6.9	4.0	1.6	.6	.1					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 STATION | CASTLE AFB CA STATION NAME | 68-70,73-79 YEARS | DEC 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	2.0	.9	.3	.0	.0						5.4	5.1
NNE	1.1	.5	.1									1.7	3.4
NE	.4	.2	.0									.7	3.0
ENE	.6	.1	.0									.7	2.9
E	1.5	.8	.1	.0								2.5	3.5
ESE	1.8	1.6	.8	.5	.1							5.0	5.8
SE	2.2	2.6	2.2	1.6	.8	.4	.0					9.8	8.4
SSE	1.5	2.6	1.8	1.0	.2	.1	.1					7.3	7.2
S	1.9	2.2	.8	.2	.0							5.1	4.8
SSW	1.0	.8	.2	.0	.0							2.1	4.0
SW	.7	.5	.1	.1	.0							1.4	4.4
WSW	.4	.2	.0	.0								.8	3.8
W	1.0	.5	.1	.0								1.6	3.5
WNW	.8	.6	.1	.0				.0				1.5	4.1
NW	1.0	1.1	.8	.5	.1	.0	.0					3.7	6.9
NNW	1.3	2.3	2.1	1.3	.2	.1	.0	.0				7.3	7.7
VARBL													
CALM												43.5	
	19.3	18.9	10.3	5.6	1.7	.6	.1	.0				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 7432

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (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	2.9	5.6	4.4	.9	.1	.0						13.9	6.0
NNE	1.0	.7	.2	.0	.0	.0						1.9	3.8
NE	.4	.2	.0	.0								.5	3.3
ENE	.3	.1	.0	.0								.4	3.2
E	.9	.4	.1	.0	.0							1.4	3.4
ESE	1.0	.8	.4	.2	.1	.0	.0	.0				2.5	5.4
SE	1.1	1.3	.9	.8	.4	.1	.0	.0				4.7	8.2
SSE	.7	.9	.7	.5	.2	.1	.0					3.2	7.8
S	.9	1.1	.5	.1	.0	.0	.0					2.7	5.1
SSW	.5	.5	.2	.0	.0							1.2	4.4
SW	.5	.4	.2	.0	.0							1.1	4.7
WSW	.3	.3	.2	.1	.0							.9	5.2
W	1.0	1.3	.6	.1	.0							2.9	4.9
WNW	1.2	2.6	1.3	.2	.0			.0				5.2	5.3
NW	1.6	4.5	4.7	1.3	.1	.0	.0					12.1	7.0
NNW	2.3	7.2	7.8	2.8	.3	.1	.0	.0				20.5	7.3
VARBL													
CALM												24.8	
	16.6	27.9	22.0	7.1	1.2	.3	.0	.0				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 87626

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (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	2.0	2.0	1.0	.2								5.2	4.8
NNE	1.2	.4	.1									1.7	3.0
NE	.3	.2	.0									.5	3.3
ENE	.5	.2	.0									.7	3.0
E	1.5	.8	.1	.1								2.5	3.5
ESE	1.9	1.4	.6	.1	.1	.0						4.0	4.6
SE	2.6	2.4	1.2	.7	.2	.1						7.3	6.0
SSE	1.7	2.4	1.2	.6	.2	.0	.0					6.1	6.1
S	2.3	2.5	.6	.2	.0							5.6	4.3
SSW	1.1	.8	.1	.0								2.1	3.5
SW	.9	.7	.1	.0								1.7	3.7
WSW	.6	.3	.0	.0	.0							1.0	4.0
W	1.1	.5	.2		.0							1.8	3.6
WNW	1.1	.8	.2	.1				.0				2.2	4.1
NW	1.3	1.5	.9	.2	.0							4.0	5.5
NNW	1.4	2.0	1.8	.8	.1	.0		.0				6.1	6.6
VARBL													
CALM												47.6	
	21.5	18.9	8.2	3.0	.6	.1	.0	.0				100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 7746

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					99.4	98.9				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 = 99.4%.
Visibility ≥ 2 miles = 98.9%.
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 $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 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

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.3	23.0	26.8	29.6	33.2	33.8	35.2	37.2	37.8	39.5	39.9	39.9	40.6	41.1	41.2	44.3
≥ 20000	15.3	23.5	27.3	30.1	34.3	34.9	36.7	38.9	39.6	41.3	41.7	41.7	42.6	43.0	43.4	46.7
≥ 18000	15.4	23.7	27.4	30.2	34.4	35.1	36.8	39.0	39.7	41.4	41.8	41.8	42.7	43.1	43.5	46.8
≥ 16000	15.4	23.7	27.4	30.2	34.4	35.1	36.8	39.0	39.7	41.4	41.8	41.8	42.7	43.1	43.5	46.8
≥ 14000	15.7	24.1	27.8	30.9	35.1	35.7	37.4	39.7	40.3	42.0	42.6	42.6	43.4	43.9	44.5	47.7
≥ 12000	16.0	24.4	28.3	31.4	35.6	36.3	38.4	40.6	41.4	43.1	43.7	43.7	44.5	44.9	45.6	48.8
≥ 10000	16.7	26.8	30.8	33.9	38.1	38.8	40.9	43.5	44.3	46.1	46.7	46.7	47.5	48.0	48.6	51.8
≥ 9000	16.9	27.1	31.1	34.2	38.5	39.2	41.3	44.0	44.7	46.6	47.1	47.1	48.0	48.4	49.0	52.3
≥ 8000	17.8	28.1	32.0	35.2	39.5	40.2	42.3	45.2	46.2	48.1	48.6	48.6	49.5	49.9	50.5	53.8
≥ 7000	19.8	30.9	35.1	38.2	42.8	43.8	45.9	49.0	50.1	51.9	52.5	52.5	53.3	53.8	54.4	57.6
≥ 6000	21.6	33.1	37.3	40.4	45.2	46.1	48.3	51.7	52.8	54.6	55.2	55.2	56.0	56.5	57.1	60.3
≥ 5000	23.1	35.4	39.8	43.1	48.1	49.1	51.3	54.9	56.0	57.8	58.4	58.4	59.2	59.7	60.3	63.5
≥ 4500	24.7	37.3	41.7	45.1	50.0	51.2	53.3	57.1	58.4	60.2	60.8	60.8	61.6	62.0	62.7	65.9
≥ 4000	26.8	40.3	44.8	48.2	53.3	54.6	56.8	60.9	62.2	64.0	64.5	64.5	65.4	65.8	66.5	69.7
≥ 3500	28.3	42.3	46.8	50.1	55.3	56.6	58.8	63.0	64.3	66.1	66.7	66.7	67.5	68.0	68.6	71.8
≥ 3000	29.8	44.6	49.6	52.9	58.1	59.5	61.8	66.0	67.3	69.1	69.7	69.7	70.5	71.0	71.6	74.8
≥ 2500	30.2	45.4	50.4	53.8	59.0	60.5	63.0	67.2	68.5	70.3	70.9	70.9	71.7	72.2	72.8	76.0
≥ 2000	30.4	45.9	51.0	54.3	59.6	61.2	63.7	68.1	69.4	71.2	71.7	71.7	72.6	73.0	73.7	76.9
≥ 1800	30.4	46.2	51.3	54.6	59.9	61.5	64.0	68.4	69.7	71.5	72.0	72.0	72.9	73.3	74.0	77.2
≥ 1500	30.6	46.5	51.5	54.9	60.2	61.8	64.3	68.7	70.0	71.8	72.4	72.4	73.2	73.7	74.3	77.5
≥ 1200	30.6	46.6	51.7	55.2	60.6	62.3	65.2	69.8	71.1	72.9	73.4	73.4	74.3	74.7	75.4	78.6
≥ 1000	30.9	46.8	51.9	55.4	61.0	62.6	65.7	70.4	71.7	73.7	74.2	74.2	75.1	75.5	76.1	79.4
≥ 900	30.9	46.8	51.9	55.4	61.4	63.0	66.2	71.0	72.3	74.2	74.7	74.7	75.6	76.0	76.7	79.9
≥ 800	30.9	46.9	52.3	55.7	61.8	63.5	66.8	71.5	72.9	74.8	75.4	75.4	76.2	76.7	77.3	80.5
≥ 700	30.9	47.0	52.4	55.9	62.4	64.2	67.5	72.6	74.0	76.0	76.6	76.6	77.4	77.8	78.5	81.7
≥ 600	31.1	47.4	52.9	56.5	62.9	64.8	68.4	73.8	75.2	77.3	77.8	77.8	78.7	79.1	79.8	83.0
≥ 500	31.1	47.4	52.9	56.8	63.3	65.5	69.4	74.9	76.3	78.6	79.1	79.1	80.0	80.4	81.1	84.3
≥ 400	31.1	47.4	52.9	56.8	63.7	66.0	70.1	76.8	78.2	80.6	81.2	81.2	82.0	82.6	83.3	86.8
≥ 300	31.1	47.4	52.9	56.9	64.0	66.6	70.9	78.1	79.6	82.3	83.4	83.5	84.5	85.1	85.9	89.9
≥ 200	31.1	47.4	52.9	56.9	64.1	66.8	71.3	78.7	80.5	83.4	84.7	84.9	86.2	87.1	88.5	93.4
≥ 100	31.1	47.4	52.9	56.9	64.1	66.8	71.3	78.7	80.5	83.4	84.8	85.3	87.0	88.1	89.9	99.1
≥ 0	31.1	47.4	52.9	56.9	64.1	66.8	71.3	78.7	80.5	83.4	84.8	85.3	87.0	88.1	89.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.5	20.2	23.8	27.0	29.1	30.2	31.5	33.2	34.1	35.6	36.5	36.6	37.2	37.2	37.5	40.2
≥ 20000	13.7	20.8	24.3	27.7	30.3	31.6	32.9	35.3	36.1	37.6	38.5	38.6	39.2	39.2	39.6	42.4
≥ 18000	13.7	20.8	24.3	27.7	30.3	31.6	32.9	35.3	36.1	37.6	38.5	38.6	39.2	39.2	39.6	42.4
≥ 16000	13.9	21.0	24.5	28.0	30.5	31.8	33.1	35.5	36.3	37.8	38.7	38.8	39.5	39.5	39.8	42.6
≥ 14000	14.1	21.2	24.8	28.5	31.1	32.4	33.7	36.0	36.9	38.4	39.4	39.5	40.2	40.2	40.5	43.4
≥ 12000	14.6	21.9	25.6	29.5	32.0	33.3	34.7	37.3	38.2	39.7	40.6	40.8	41.5	41.5	41.8	44.7
≥ 10000	15.6	24.3	28.1	31.9	34.5	35.8	37.2	40.0	40.9	42.4	43.3	43.4	44.2	44.2	44.5	47.4
≥ 9000	15.6	24.4	28.2	32.0	34.7	36.0	37.4	40.2	41.1	42.6	43.5	43.7	44.4	44.4	44.7	47.6
≥ 8000	17.0	26.2	30.0	33.9	36.6	37.8	39.2	42.0	43.0	44.6	45.7	45.8	46.6	46.6	47.1	50.0
≥ 7000	18.2	27.7	31.7	35.6	38.6	39.9	41.3	44.2	45.2	47.0	48.1	48.2	48.9	48.9	49.5	52.4
≥ 6000	19.8	29.7	33.7	37.5	40.5	41.8	43.2	46.5	47.4	49.2	50.3	50.4	51.2	51.2	51.7	54.6
≥ 5000	21.3	32.6	36.9	41.1	44.1	45.4	46.8	50.0	51.0	52.8	53.9	54.0	54.7	54.7	55.3	58.2
≥ 4500	23.7	35.3	39.7	44.0	47.0	48.4	49.8	53.0	54.0	55.9	57.0	57.1	57.8	58.0	58.5	61.4
≥ 4000	25.1	37.5	41.9	46.2	49.5	50.9	52.3	55.8	56.8	58.7	59.8	59.9	60.6	60.8	61.3	64.2
≥ 3500	26.1	39.2	43.8	48.2	51.5	52.9	54.3	57.8	58.8	60.8	61.8	61.9	62.7	62.8	63.3	66.2
≥ 3000	27.0	40.5	45.2	49.9	53.2	54.7	56.1	59.9	60.9	62.8	63.9	64.0	64.7	64.8	65.4	68.3
≥ 2500	28.3	42.0	46.8	51.5	54.8	56.5	58.1	61.9	62.9	64.8	65.9	66.0	66.8	66.9	67.4	70.3
≥ 2000	28.7	42.7	47.4	52.2	55.5	57.1	58.7	62.6	63.8	65.7	66.8	66.9	67.6	67.7	68.4	71.3
≥ 1800	28.8	43.2	48.0	52.7	56.1	57.7	59.4	63.2	64.4	66.3	67.4	67.5	68.3	68.4	69.0	71.9
≥ 1500	28.8	43.2	48.1	52.9	56.7	58.4	60.0	63.9	65.1	67.0	68.1	68.2	68.9	69.0	69.7	72.6
≥ 1200	28.8	43.3	48.2	53.0	57.1	58.9	60.9	64.9	66.1	68.1	69.1	69.2	70.0	70.1	70.8	73.7
≥ 1000	28.9	43.5	48.4	53.3	57.4	59.4	61.7	65.9	67.1	69.0	70.1	70.2	71.0	71.1	71.7	74.6
≥ 900	28.9	43.7	48.5	53.5	57.6	59.6	62.0	66.2	67.4	69.4	70.4	70.5	71.3	71.4	72.0	74.9
≥ 800	28.9	43.9	48.8	54.0	58.3	60.4	63.0	67.2	68.4	70.3	71.5	71.6	72.4	72.5	73.1	76.0
≥ 700	29.0	44.2	49.1	54.3	58.8	61.0	63.7	68.4	69.6	71.5	72.7	72.8	73.5	73.7	74.3	77.2
≥ 600	29.0	44.3	49.2	54.5	59.1	61.3	64.2	69.1	70.3	72.5	73.7	73.8	74.5	74.6	75.3	78.2
≥ 500	29.1	44.6	49.6	55.1	59.9	62.2	65.4	70.5	71.7	74.0	75.2	75.3	76.0	76.1	76.8	79.7
≥ 400	29.1	44.6	49.6	55.1	59.9	62.3	65.7	71.2	72.4	74.7	75.9	76.0	76.9	77.3	78.0	81.0
≥ 300	29.1	44.6	49.6	55.1	60.0	62.8	66.7	73.0	74.2	76.7	78.2	78.3	79.2	79.8	80.9	85.2
≥ 200	29.1	44.6	49.6	55.1	60.0	62.8	66.9	73.4	74.9	77.6	80.2	80.6	81.8	82.7	84.1	90.9
≥ 100	29.1	44.6	49.6	55.1	60.0	62.9	67.0	73.7	75.2	77.8	80.9	81.3	83.1	84.5	86.8	99.0
≥ 0	29.1	44.6	49.6	55.1	60.0	62.9	67.0	73.7	75.2	77.8	80.9	81.3	83.1	84.5	86.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.6	13.8	16.1	18.2	22.0	23.9	25.7	27.1	28.1	29.5	30.2	30.3	30.4	30.9	31.5	34.5
≥ 20000	9.7	14.0	16.5	18.6	22.5	24.4	26.2	27.6	28.7	30.1	31.0	31.1	31.3	31.7	32.5	35.9
≥ 18000	9.9	14.3	16.8	18.9	22.8	24.8	26.7	28.1	29.1	30.5	31.4	31.5	31.7	32.2	32.9	36.3
≥ 16000	9.9	14.3	16.8	18.9	22.8	24.8	26.7	28.1	29.1	30.5	31.4	31.5	31.7	32.2	32.9	36.3
≥ 14000	10.3	14.7	17.3	19.6	23.4	25.5	27.4	28.8	29.9	31.3	32.2	32.3	32.5	33.1	33.9	37.3
≥ 12000	11.2	15.7	18.6	21.0	24.8	27.0	29.2	31.0	32.0	33.7	34.7	34.8	35.2	35.8	36.6	40.0
≥ 10000	12.7	18.3	21.4	23.9	27.8	30.1	32.5	34.3	35.4	37.0	38.2	38.3	38.6	39.2	40.0	43.4
≥ 9000	12.8	18.4	21.6	24.1	28.1	30.4	32.8	34.6	35.7	37.3	38.5	38.6	38.9	39.6	40.3	43.8
≥ 8000	15.1	21.0	24.2	26.7	30.6	33.2	35.6	38.1	39.1	40.8	42.0	42.2	42.5	43.1	43.9	47.3
≥ 7000	16.3	22.7	26.0	28.6	32.9	35.8	38.3	40.8	41.8	43.4	44.8	44.9	45.3	45.9	46.7	50.1
≥ 6000	17.6	24.4	28.0	30.6	34.9	37.8	40.3	42.8	44.0	45.6	47.0	47.1	47.4	48.1	48.8	52.3
≥ 5000	19.6	27.5	31.2	34.0	38.3	41.2	43.8	46.2	47.4	49.0	50.4	50.5	50.9	51.5	52.3	55.7
≥ 4500	20.5	29.5	33.3	36.5	40.9	43.8	46.5	49.1	50.?	52.2	53.7	53.9	54.2	54.8	55.6	59.0
≥ 4000	22.2	32.2	36.1	39.2	43.9	46.8	49.5	52.2	53.3	55.3	56.9	57.1	57.5	58.2	58.9	62.4
≥ 3500	22.6	32.8	36.9	40.2	44.8	47.7	50.5	53.2	54.4	56.3	58.0	58.3	58.7	59.4	60.1	63.5
≥ 3000	23.4	34.5	38.8	42.5	47.1	50.0	52.8	55.5	56.8	58.8	60.4	60.8	61.3	61.9	62.7	66.1
≥ 2500	24.2	35.4	39.7	43.3	48.2	51.1	53.9	56.8	58.1	60.1	61.7	62.0	62.6	63.2	64.0	67.4
≥ 2000	24.4	35.7	40.0	43.8	48.9	51.8	54.6	57.5	58.8	60.9	62.5	62.8	63.3	64.0	64.7	68.2
≥ 1800	24.4	35.7	40.0	43.8	49.0	52.0	54.8	57.7	59.0	61.1	62.7	63.0	63.5	64.2	64.9	68.4
≥ 1500	24.6	36.1	40.6	44.7	50.2	53.2	56.0	59.0	60.3	62.4	64.0	64.3	64.8	65.5	66.2	69.7
≥ 1200	24.8	36.7	41.2	45.4	51.2	54.3	57.3	60.3	61.6	63.7	65.3	65.6	66.1	66.8	67.5	71.0
≥ 1000	25.2	37.0	41.5	45.7	51.6	54.7	58.0	61.1	62.6	64.6	66.2	66.6	67.1	67.8	68.6	72.0
≥ 900	25.3	37.1	41.6	46.0	51.9	55.2	58.5	61.9	63.4	65.5	67.1	67.4	68.0	68.7	69.5	72.9
≥ 800	25.3	37.2	41.7	46.2	52.3	55.7	59.1	62.9	64.5	66.7	68.5	68.8	69.4	70.1	70.9	74.3
≥ 700	25.4	37.3	41.8	46.3	52.5	55.9	59.4	63.5	65.4	67.6	69.5	69.8	70.4	71.2	71.9	75.4
≥ 600	25.4	37.4	41.9	46.5	52.6	56.0	59.8	64.2	66.0	68.3	70.2	70.5	71.2	71.9	72.7	76.1
≥ 500	25.5	37.7	42.3	46.9	53.3	57.1	61.1	65.8	67.6	70.0	72.0	72.4	73.2	74.0	74.7	78.2
≥ 400	25.9	37.8	42.4	47.2	54.0	57.7	61.8	66.6	68.6	71.0	73.2	73.5	74.4	75.3	76.1	79.9
≥ 300	25.9	37.8	42.4	47.2	54.2	58.2	62.6	68.0	70.6	73.7	76.3	76.8	77.8	79.1	80.6	85.9
≥ 200	25.9	37.8	42.4	47.2	54.2	58.2	62.6	68.2	71.1	74.1	77.8	78.6	80.0	82.0	84.2	93.3
≥ 100	25.9	37.8	42.4	47.2	54.2	58.2	62.6	68.2	71.1	74.3	78.2	79.1	81.0	83.1	85.8	99.4
≥ 0	25.9	37.8	42.4	47.2	54.2	58.2	62.6	68.2	71.1	74.3	78.2	79.1	81.0	83.1	85.8	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.1	12.3	14.3	15.5	20.2	22.9	25.1	26.9	27.5	28.4	28.8	28.9	29.1	29.1	29.5	30.2
≥ 20000	9.7	13.2	15.4	16.6	21.4	24.8	27.2	29.5	30.2	31.2	31.8	31.9	32.4	32.4	32.7	33.5
≥ 18000	9.9	13.4	15.6	16.8	21.7	25.2	27.5	30.0	30.8	31.7	32.4	32.5	32.9	32.9	33.2	34.1
≥ 16000	9.9	13.4	15.6	16.8	21.7	25.2	27.5	30.0	30.8	31.7	32.4	32.5	32.9	32.9	33.2	34.1
≥ 14000	10.5	14.1	16.5	17.6	22.8	26.2	28.6	31.6	32.4	33.3	34.0	34.1	34.5	34.5	34.9	35.8
≥ 12000	12.0	16.0	18.8	20.1	25.5	29.2	31.9	35.2	36.0	37.1	37.8	38.0	38.4	38.4	38.9	39.8
≥ 10000	12.8	17.2	20.0	21.3	26.7	30.4	33.3	36.6	37.4	38.6	39.4	39.5	39.9	40.1	40.6	41.5
≥ 9000	13.3	18.0	20.8	22.2	27.5	31.3	34.2	37.4	38.3	39.5	40.3	40.4	40.9	41.1	41.6	42.5
≥ 8000	15.3	20.1	23.1	25.1	30.6	34.5	37.4	40.8	41.6	42.8	43.8	43.9	44.3	44.5	45.1	45.9
≥ 7000	17.2	22.3	25.9	28.2	33.9	38.0	41.0	44.5	45.4	46.6	47.5	47.6	48.1	48.3	48.8	49.7
≥ 6000	19.0	24.4	28.1	30.3	36.3	40.4	43.5	47.1	48.0	49.2	50.2	50.3	50.8	51.0	51.5	52.4
≥ 5000	20.1	25.9	29.9	32.2	38.2	42.4	45.7	49.4	50.2	51.5	52.5	52.6	53.0	53.2	53.8	54.6
≥ 4500	20.8	27.5	31.7	34.0	40.0	44.3	48.0	51.7	52.6	53.9	54.8	54.9	55.4	55.6	56.1	57.0
≥ 4000	21.8	29.4	33.7	36.1	42.5	46.8	50.5	54.3	55.2	56.6	57.5	57.6	58.1	58.3	58.8	59.7
≥ 3500	22.8	30.6	35.3	38.0	44.4	48.7	52.5	56.2	57.1	58.5	59.5	59.6	60.0	60.2	60.8	61.6
≥ 3000	23.8	32.2	37.3	40.1	46.7	51.0	54.7	58.5	59.4	60.8	61.7	61.8	62.4	62.6	63.2	64.1
≥ 2500	24.1	32.7	37.8	40.8	47.3	51.6	55.4	59.2	60.1	61.5	62.6	62.7	63.2	63.4	64.1	64.9
≥ 2000	24.7	34.0	39.1	42.0	48.9	53.3	57.1	61.1	62.0	63.5	64.7	64.8	65.4	65.6	66.2	67.1
≥ 1800	24.7	34.0	39.1	42.0	48.9	53.3	57.1	61.1	62.0	63.5	64.7	64.8	65.4	65.6	66.2	67.1
≥ 1500	25.1	34.3	39.6	43.1	50.3	54.9	59.1	63.2	64.2	65.7	66.9	67.0	67.5	67.7	68.4	69.2
≥ 1200	25.5	35.2	40.9	44.4	51.9	56.8	61.0	65.4	66.3	68.0	69.1	69.2	69.8	70.0	70.6	71.5
≥ 1000	25.6	35.4	41.2	44.8	52.5	57.4	61.6	66.3	67.3	69.0	70.3	70.4	71.0	71.2	71.8	72.7
≥ 900	25.6	35.4	41.2	44.8	52.6	57.6	62.0	67.0	68.0	69.7	71.0	71.1	71.6	71.8	72.5	73.3
≥ 800	25.6	35.4	41.2	44.8	52.6	58.0	62.7	68.0	69.1	71.0	72.4	72.5	73.0	73.2	73.9	74.7
≥ 700	25.7	35.5	41.3	44.9	52.8	58.3	63.0	68.4	70.0	71.8	73.2	73.3	73.9	74.1	74.7	75.6
≥ 600	25.9	35.8	41.6	45.3	53.1	58.6	63.5	69.4	71.0	73.1	74.7	74.9	75.5	75.7	76.3	77.2
≥ 500	26.0	35.9	41.8	45.5	53.3	58.8	64.4	71.0	72.9	75.2	76.8	77.0	77.5	77.7	78.6	79.8
≥ 400	26.0	35.9	41.8	45.7	53.8	59.6	65.3	72.4	75.1	78.0	79.9	80.2	80.8	81.0	81.8	83.0
≥ 300	26.0	35.9	41.8	45.7	53.9	59.9	65.9	73.4	76.7	80.2	83.1	83.9	85.1	86.0	87.6	90.3
≥ 200	26.0	35.9	41.8	45.8	54.0	60.0	66.1	73.8	77.0	81.0	84.5	85.3	87.1	88.5	90.6	96.7
≥ 100	26.0	35.9	41.8	45.8	54.0	60.0	66.1	73.8	77.0	81.1	84.6	85.4	87.2	88.9	91.3	100.0
≥ 0	26.0	35.9	41.8	45.8	54.0	60.0	66.1	73.8	77.0	81.1	84.6	85.4	87.2	88.9	91.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.2	17.0	21.1	24.9	30.9	33.1	35.7	36.3	36.6	36.8	36.9	36.9	36.9	36.9	36.9	37.0
≥ 20000	12.8	18.5	22.8	27.1	33.3	35.9	38.6	39.5	39.9	40.3	40.4	40.4	40.4	40.4	40.4	40.5
≥ 18000	12.9	18.6	22.9	27.2	33.5	36.1	38.8	39.7	40.1	40.5	40.6	40.6	40.6	40.6	40.6	40.8
≥ 16000	13.0	18.7	23.0	27.3	33.7	36.2	38.9	39.8	40.2	40.6	40.8	40.8	40.8	40.8	40.8	40.9
≥ 14000	13.8	19.7	24.0	28.4	35.1	38.0	41.3	42.3	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.3
≥ 12000	15.6	22.0	26.9	31.3	38.5	41.5	44.9	46.0	46.5	46.9	47.0	47.0	47.0	47.0	47.0	47.1
≥ 10000	17.4	25.5	30.4	34.8	42.5	45.7	49.4	50.8	51.2	51.7	51.8	51.8	51.8	51.9	51.9	52.0
≥ 9000	18.1	26.3	31.3	35.7	43.3	46.8	50.4	51.8	52.3	52.8	52.9	52.9	52.9	53.0	53.0	53.1
≥ 8000	19.7	28.4	33.3	37.8	45.7	49.1	52.8	54.2	54.6	55.2	55.3	55.3	55.3	55.3	55.4	55.5
≥ 7000	21.4	30.2	35.4	40.0	47.8	51.3	54.9	56.3	56.8	57.3	57.4	57.4	57.4	57.5	57.5	57.6
≥ 6000	23.3	32.2	37.3	42.2	50.2	53.8	57.4	58.8	59.2	59.8	59.9	59.9	59.9	60.0	60.0	60.1
≥ 5000	24.2	33.4	38.7	43.7	51.9	55.5	59.2	60.6	61.1	61.6	61.7	61.7	61.7	61.8	61.8	61.9
≥ 4500	24.5	34.3	39.6	44.6	53.0	56.6	60.4	61.9	62.4	62.9	63.0	63.0	63.0	63.1	63.1	63.2
≥ 4000	25.7	36.6	42.2	47.2	55.7	59.2	63.1	64.6	65.1	65.6	65.7	65.7	65.7	65.8	65.8	65.9
≥ 3500	27.0	38.2	43.8	48.9	57.5	61.1	64.9	66.5	66.9	67.4	67.5	67.5	67.5	67.6	67.6	67.7
≥ 3000	28.9	40.6	46.3	51.7	60.3	63.9	68.2	69.7	70.1	70.6	70.8	70.8	70.8	70.9	70.9	71.0
≥ 2500	29.5	41.3	47.1	52.7	61.7	65.4	69.9	71.6	72.0	72.6	72.7	72.7	72.7	72.8	72.8	72.9
≥ 2000	29.9	41.8	47.7	53.4	62.7	66.3	70.9	72.6	73.0	73.5	73.7	73.7	73.7	73.8	73.8	73.9
≥ 1800	30.1	42.0	48.1	53.9	63.1	66.8	71.3	73.1	73.5	74.1	74.2	74.2	74.2	74.3	74.3	74.4
≥ 1500	30.6	42.8	48.9	55.2	64.8	68.5	73.8	75.6	76.0	76.6	76.7	76.7	76.8	76.9	76.9	77.0
≥ 1200	31.0	43.1	49.3	55.7	65.7	69.6	75.2	77.0	77.4	78.0	78.1	78.1	78.2	78.3	78.3	78.4
≥ 1000	31.1	43.3	49.9	56.1	66.5	70.6	76.6	78.7	79.1	79.7	79.8	79.8	79.9	80.0	80.1	80.2
≥ 900	31.4	43.7	50.3	56.9	67.2	71.4	77.3	79.5	79.9	80.4	80.5	80.5	80.6	80.8	80.9	81.0
≥ 800	31.5	43.9	50.5	57.2	67.6	72.0	78.4	81.3	81.8	82.4	82.5	82.5	82.6	82.7	82.8	82.9
≥ 700	31.5	43.9	50.5	57.5	68.1	72.7	79.4	82.7	83.2	83.8	83.9	83.9	84.0	84.2	84.4	84.5
≥ 600	31.5	44.0	50.6	57.6	68.3	73.0	80.0	84.2	84.9	85.5	85.6	85.6	85.7	85.9	86.1	86.2
≥ 500	31.5	44.0	50.6	57.7	69.0	74.2	81.9	87.2	88.2	88.9	89.2	89.2	89.6	89.9	90.1	90.3
≥ 400	31.5	44.0	50.6	58.0	69.6	74.7	82.7	89.4	90.9	92.0	93.1	93.2	93.7	94.0	94.3	94.6
≥ 300	31.5	44.0	50.9	58.2	69.9	75.4	83.7	90.6	92.4	94.1	95.6	96.0	96.7	97.0	97.5	98.2
≥ 200	31.5	44.0	50.9	58.4	70.1	75.6	84.0	91.0	92.7	94.4	96.1	96.7	97.6	98.0	98.7	99.6
≥ 100	31.5	44.0	50.9	58.4	70.1	75.6	84.0	91.0	92.7	94.4	96.1	96.7	97.6	98.0	98.7	100.0
0	31.5	44.0	50.9	58.4	70.1	75.6	84.0	91.0	92.7	94.4	96.1	96.7	97.6	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.5	24.7	28.8	33.4	38.5	39.8	42.8	43.9	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	18.3	26.5	30.9	36.5	42.5	44.2	47.4	48.7	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000	18.5	26.7	31.4	37.0	42.9	44.6	47.8	49.1	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	18.6	26.8	31.5	37.1	43.0	44.7	48.0	49.2	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	19.1	27.5	32.2	37.9	43.9	45.8	49.1	50.5	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	20.5	29.2	34.2	40.2	47.0	48.9	52.6	54.2	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	22.9	31.8	37.0	43.0	50.5	52.6	56.3	57.9	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	23.0	32.4	37.7	43.8	51.3	53.3	57.0	58.6	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	24.2	34.8	40.1	46.2	53.9	56.0	60.0	61.6	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	25.5	36.5	42.2	48.7	56.8	59.3	63.5	65.1	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	26.6	38.3	44.2	51.0	59.1	61.5	65.8	67.5	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	29.3	40.9	46.9	53.7	61.9	64.3	68.6	70.3	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500	30.2	42.2	48.2	55.0	63.1	65.6	69.9	71.7	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	31.6	44.2	50.5	57.5	66.1	68.5	72.8	74.6	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	32.7	45.7	52.0	59.1	67.7	70.4	74.7	76.4	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8
≥ 3000	33.5	46.9	53.3	60.5	69.2	72.0	76.7	78.7	79.4	80.0	80.0	80.1	80.1	80.1	80.1	80.1
≥ 2500	33.8	47.6	54.1	61.4	70.2	73.0	77.7	79.6	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1
≥ 2000	34.4	48.3	54.7	62.3	71.0	73.8	78.6	80.5	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0
≥ 1800	34.4	48.5	55.0	62.8	71.6	74.4	79.1	81.0	81.8	82.4	82.4	82.5	82.5	82.5	82.5	82.5
≥ 1500	35.0	49.4	56.0	64.1	73.0	75.8	81.5	83.4	84.2	84.8	84.8	84.9	84.9	84.9	84.9	84.9
≥ 1200	35.0	49.5	56.4	64.4	73.3	76.7	82.7	84.7	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 1000	35.2	49.7	56.7	64.8	73.7	77.3	83.8	86.1	86.9	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 900	35.2	49.8	56.9	65.1	74.0	77.6	84.3	86.9	87.6	88.3	88.3	88.4	88.4	88.4	88.4	88.4
≥ 800	35.2	49.8	56.9	65.1	74.0	77.6	84.8	88.3	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥ 700	35.2	49.8	56.9	65.2	75.1	78.8	86.4	90.6	91.4	92.0	92.0	92.1	92.2	92.3	92.3	92.3
≥ 600	35.2	49.8	57.1	65.5	76.2	80.1	87.9	92.5	93.2	93.9	93.9	94.0	94.1	94.2	94.2	94.2
≥ 500	35.2	49.8	57.1	65.6	76.5	80.5	88.4	93.8	94.6	95.3	95.3	95.4	95.5	95.6	95.6	95.6
≥ 400	35.2	49.8	57.1	65.6	76.8	80.9	89.0	94.7	95.9	97.1	97.3	97.4	97.5	97.6	97.6	97.6
≥ 300	35.2	49.8	57.1	65.6	76.8	81.0	89.2	95.3	96.6	98.0	98.2	98.3	98.8	98.9	99.0	99.0
≥ 200	35.2	49.8	57.1	65.6	76.8	81.0	89.2	95.3	96.7	98.3	98.5	98.6	99.1	99.4	99.5	99.6
≥ 100	35.2	49.8	57.1	65.6	76.8	81.0	89.2	95.3	96.7	98.3	98.5	98.6	99.1	99.4	99.5	100.0
≥ 0	35.2	49.8	57.1	65.6	76.8	81.0	89.2	95.3	96.7	98.3	98.5	98.6	99.1	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.8	29.5	34.2	36.7	39.5	42.1	44.5	45.7	46.3	46.6	46.8	46.8	47.3	47.3	47.3	47.6
≥ 20000	19.3	30.7	35.7	39.1	42.1	44.9	47.5	48.8	49.3	49.6	49.8	49.8	50.3	50.3	50.3	50.6
≥ 18000	19.5	30.9	36.0	39.3	42.3	45.1	47.7	49.0	49.5	49.8	50.1	50.1	50.5	50.5	50.5	50.8
≥ 16000	19.5	30.9	36.0	39.3	42.3	45.1	47.7	49.0	49.5	49.8	50.1	50.1	50.5	50.5	50.5	50.8
≥ 14000	19.6	31.0	36.1	39.4	42.4	45.5	48.1	49.4	49.9	50.3	50.5	50.5	50.9	50.9	50.9	51.2
≥ 12000	20.3	32.3	37.5	40.8	44.3	47.9	50.8	52.1	52.6	53.0	53.2	53.2	53.6	53.6	53.6	53.9
≥ 10000	21.9	34.2	39.6	43.3	47.1	50.7	53.6	55.1	55.7	56.0	56.2	56.2	56.6	56.6	56.6	56.9
≥ 9000	22.4	34.8	40.2	43.8	47.7	51.2	54.1	55.7	56.2	56.5	56.7	56.7	57.2	57.2	57.2	57.5
≥ 8000	24.8	37.7	43.3	47.0	50.9	54.6	57.8	59.4	60.1	60.4	60.6	60.6	61.0	61.0	61.0	61.4
≥ 7000	25.3	38.8	44.3	48.3	52.3	56.1	59.4	61.1	61.8	62.1	62.3	62.3	62.8	62.8	62.8	63.1
≥ 6000	26.6	40.6	46.7	51.0	55.0	59.0	62.5	64.3	64.9	65.2	65.4	65.4	65.9	65.9	65.9	66.2
≥ 5000	28.2	43.3	49.7	54.3	58.5	62.3	66.[illegible]	68.1	68.8	69.1	69.3	69.3	69.8	69.8	69.8	70.1
≥ 4500	29.7	45.3	51.8	56.3	60.5	64.5	68.5	70.4	71.0	71.4	71.6	71.6	72.0	72.0	72.0	72.3
≥ 4000	31.3	48.1	54.7	59.6	64.2	68.1	72.3	74.3	74.9	75.2	75.5	75.5	75.9	75.9	75.9	76.2
≥ 3500	32.1	49.2	56.0	61.1	65.7	69.6	73.8	75.8	76.4	76.7	77.0	77.0	77.4	77.4	77.4	77.7
≥ 3000	32.9	51.0	58.0	63.4	67.9	72.0	76.2	78.1	78.8	79.1	79.3	79.3	79.3	79.8	79.8	80.1
≥ 2500	33.7	52.3	59.4	65.0	69.5	73.7	78.0	80.0	80.6	80.9	81.2	81.2	81.6	81.6	81.6	81.9
≥ 2000	33.8	52.6	59.8	65.4	70.3	74.7	79.0	80.9	81.6	81.9	82.1	82.1	82.6	82.6	82.6	82.9
≥ 1800	33.9	53.1	60.3	65.9	70.7	75.1	79.4	81.4	82.0	82.3	82.6	82.6	83.0	83.0	83.0	83.3
≥ 1500	34.0	53.5	60.8	66.4	71.4	76.0	80.5	82.5	83.1	83.4	83.6	83.6	84.1	84.1	84.1	84.4
≥ 1200	34.0	53.5	60.9	66.5	71.8	76.7	81.7	83.6	84.3	84.6	84.8	84.8	85.3	85.3	85.3	85.6
≥ 1000	34.0	53.5	61.1	66.7	72.0	77.0	82.1	84.4	85.0	85.4	85.6	85.6	86.0	86.0	86.0	86.3
≥ 900	34.0	53.8	61.6	67.3	72.6	77.6	82.8	85.1	85.8	86.1	86.3	86.3	86.8	86.8	86.8	87.1
≥ 800	34.0	53.8	61.8	67.5	72.8	78.1	83.6	86.9	87.5	87.9	88.2	88.2	88.6	88.6	88.6	88.9
≥ 700	34.0	54.0	62.1	67.9	73.2	78.6	84.3	87.6	88.3	88.7	88.9	88.9	89.3	89.3	89.3	89.7
≥ 600	34.0	54.4	62.4	68.6	74.0	79.5	85.9	89.3	90.0	90.5	90.7	90.7	91.2	91.2	91.2	91.5
≥ 500	34.0	54.5	62.5	68.7	74.8	80.9	87.5	91.5	92.1	92.7	92.9	92.9	93.3	93.3	93.3	93.6
≥ 400	34.0	54.5	62.5	68.8	75.2	81.5	88.2	92.4	93.0	93.6	93.9	93.9	94.3	94.3	94.3	94.6
≥ 300	34.0	54.5	62.5	68.8	75.5	81.9	88.7	93.3	94.1	94.8	95.2	95.2	95.7	96.1	96.1	96.6
≥ 200	34.0	54.5	62.5	68.8	75.5	81.9	88.8	93.8	94.6	95.6	96.1	96.1	96.8	97.5	97.7	98.2
≥ 100	34.0	54.5	62.5	68.8	75.5	81.9	88.8	93.8	94.6	95.6	96.1	96.1	96.9	98.1	98.5	100.0
≥ 0	34.0	54.5	62.5	68.8	75.5	81.9	88.8	93.8	94.6	95.6	96.1	96.1	96.9	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.4	26.1	30.6	32.5	36.0	37.3	39.9	41.6	42.0	42.9	43.4	43.4	44.0	44.2	44.5	45.3
≥ 20000	17.7	26.7	31.3	33.4	37.3	38.6	41.3	43.0	43.4	44.4	45.1	45.1	45.6	45.8	46.2	47.0
≥ 18000	17.7	26.7	31.3	33.5	37.4	38.7	41.4	43.1	43.5	44.5	45.2	45.2	45.7	45.9	46.3	47.1
≥ 16000	18.0	26.9	31.5	33.8	37.6	38.9	41.6	43.3	43.8	44.8	45.5	45.5	46.0	46.2	46.7	47.4
≥ 14000	18.3	27.3	31.9	34.4	38.4	39.7	42.4	44.1	44.5	45.6	46.2	46.2	46.8	47.0	47.4	48.2
≥ 12000	18.5	27.6	32.4	34.9	39.5	40.8	44.0	45.8	46.2	47.3	48.0	48.0	48.5	48.7	49.1	49.9
≥ 10000	19.2	28.9	34.1	36.7	41.6	42.9	46.1	48.0	48.4	49.8	50.4	50.4	51.0	51.2	51.6	52.4
≥ 9000	19.9	29.6	34.7	37.3	42.3	43.5	46.8	48.6	49.0	50.4	51.1	51.1	51.6	51.8	52.3	53.0
≥ 8000	22.5	33.0	38.2	40.9	45.8	47.1	50.4	52.6	53.1	54.5	55.2	55.2	55.7	55.9	56.3	57.1
≥ 7000	24.2	34.8	40.0	42.7	48.0	49.4	52.7	54.9	55.5	56.9	57.5	57.5	58.1	58.3	58.7	59.5
≥ 6000	26.3	37.4	42.6	45.5	51.2	52.6	56.0	58.4	58.9	60.3	61.0	61.0	61.5	61.7	62.2	62.9
≥ 5000	28.1	39.9	45.5	48.7	54.6	56.0	59.6	61.9	62.5	63.9	64.5	64.5	65.1	65.3	65.7	66.5
≥ 4500	29.0	41.2	47.3	50.5	56.7	58.1	61.7	64.1	64.6	66.0	66.7	66.7	67.2	67.4	67.8	68.6
≥ 4000	29.8	44.2	50.8	54.1	60.5	62.2	65.8	68.3	68.8	70.2	70.9	70.9	71.4	71.6	72.0	72.8
≥ 3500	30.9	45.9	52.5	55.8	62.4	64.0	67.7	70.2	70.8	72.2	72.8	72.8	73.3	73.5	74.0	74.7
≥ 3000	31.6	47.3	54.0	57.5	64.2	65.9	69.7	72.2	72.7	74.1	74.7	74.8	75.4	75.6	76.0	76.8
≥ 2500	32.4	48.5	55.2	58.7	65.4	67.1	70.9	73.3	73.9	75.3	75.9	76.0	76.6	76.8	77.2	78.0
≥ 2000	32.6	48.7	55.5	59.1	65.8	67.6	71.4	73.9	74.4	75.8	76.5	76.6	77.1	77.3	77.7	78.5
≥ 1800	32.6	49.0	56.0	59.7	66.3	68.2	71.9	74.4	74.9	76.3	77.0	77.1	77.6	77.8	78.3	79.0
≥ 1500	32.9	49.5	56.6	60.3	67.3	69.4	73.2	75.7	76.2	77.6	78.3	78.4	78.9	79.1	79.6	80.3
≥ 1200	33.0	49.6	57.0	60.8	68.2	70.3	74.6	77.1	77.6	79.0	79.7	79.8	80.3	80.5	81.0	81.7
≥ 1000	33.0	49.9	57.3	61.2	68.9	71.1	75.6	78.1	78.6	80.1	80.8	80.9	81.4	81.6	82.0	82.8
≥ 900	33.0	50.0	57.4	61.4	69.1	71.3	76.1	78.8	79.4	80.9	81.5	81.6	82.2	82.4	82.9	83.5
≥ 800	33.0	50.1	57.5	61.5	69.4	71.8	77.2	80.0	80.6	82.2	82.8	82.9	83.4	83.7	84.1	84.8
≥ 700	33.0	50.3	57.7	61.7	69.8	72.4	77.8	80.8	81.4	82.9	83.5	83.7	84.2	84.4	84.8	85.6
≥ 600	33.0	50.3	58.3	62.0	70.2	72.8	79.0	82.3	82.9	84.4	85.1	85.2	85.7	85.9	86.3	87.1
≥ 500	33.0	50.4	58.2	62.8	71.1	73.9	81.1	84.4	85.1	86.8	87.4	87.5	88.1	88.3	88.7	89.7
≥ 400	33.0	50.4	58.4	63.0	71.4	74.5	81.9	85.9	86.6	88.4	89.1	89.2	89.8	90.0	90.4	91.4
≥ 300	33.0	50.4	58.4	63.0	71.7	75.1	82.8	87.1	87.8	89.8	90.6	90.8	91.3	91.5	91.9	93.0
≥ 200	33.0	50.4	58.4	63.0	71.7	75.1	82.9	87.5	88.3	90.2	91.7	91.8	93.0	93.5	94.2	95.7
≥ 100	33.0	50.4	58.4	63.0	71.7	75.1	82.9	87.6	88.4	90.3	92.0	92.3	93.5	94.4	95.6	99.7
≥ 0	33.0	50.4	58.4	63.0	71.7	75.1	82.9	87.6	88.4	90.3	92.0	92.3	93.5	94.4	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.2	20.8	24.5	27.2	31.2	32.9	35.0	36.5	37.5	37.9	38.3	38.4	38.7	38.9	39.1	40.4
≥ 20000	14.5	21.7	25.5	28.6	33.0	34.9	37.2	38.9	39.5	40.5	41.0	41.0	41.4	41.5	41.8	43.2
≥ 18000	14.7	21.9	25.7	28.8	33.2	35.1	37.4	39.2	39.8	40.8	41.2	41.3	41.7	41.8	42.1	43.5
≥ 16000	14.8	22.0	25.8	28.9	33.3	35.2	37.5	39.2	39.9	40.8	41.3	41.4	41.8	41.9	42.2	43.6
≥ 14000	15.2	22.4	26.3	29.6	34.0	36.1	38.5	40.3	40.9	41.9	42.4	42.4	42.9	43.0	43.3	44.8
≥ 12000	16.1	23.7	27.8	31.1	35.9	38.1	40.8	42.8	43.4	44.5	45.0	45.0	45.4	45.6	45.9	47.4
≥ 10000	17.3	25.9	30.2	33.6	38.6	40.9	43.6	45.8	46.4	47.5	48.1	48.1	48.5	48.7	49.1	50.5
≥ 9000	17.7	26.4	30.7	34.1	39.2	41.5	44.3	46.4	47.0	48.1	48.7	48.7	49..	49.3	49.7	51.1
≥ 8000	19.9	28.7	33.0	36.6	41.7	44.1	46.9	49.2	50.0	51.1	51.7	51.8	52.2	52.4	52.7	54.2
≥ 7000	21.0	30.5	35.1	38.8	44.1	46.7	49.6	52.0	52.8	53.9	54.5	54.6	55.0	55.2	55.6	57.0
≥ 6000	22.6	32.5	37.2	41.1	46.6	49.1	52.1	54.6	55.4	56.6	57.2	57.2	57.7	57.9	58.2	59.7
≥ 5000	24.2	34.9	39.8	43.8	49.4	52.0	55.2	57.7	58.5	59.6	60.3	60.3	60.7	60.9	61.3	62.7
≥ 4500	25.4	36.6	41.7	45.7	51.4	54.0	57.3	59.9	60.7	61.9	62.5	62.6	63.0	63.2	63.6	65.0
≥ 4000	26.8	39.0	44.3	48.5	54.4	57.1	60.4	63.1	63.9	65.2	65.8	65.9	66.3	66.5	66.9	68.3
≥ 3500	27.8	40.5	45.9	50.2	56.2	58.9	62.2	64.9	65.7	67.0	67.6	67.7	68.1	68.3	68.7	70.1
≥ 3000	28.9	42.2	47.8	52.3	58.3	61.1	64.5	67.3	68.2	69.4	70.1	70.1	70.6	70.8	71.2	72.7
≥ 2500	29.5	43.1	48.8	53.4	59.5	62.4	65.8	68.7	69.6	70.8	71.5	71.6	72.0	72.2	72.6	74.1
≥ 2000	29.9	43.7	49.4	54.1	60.3	63.2	66.7	69.6	[illegible]	71.8	72.5	72.6	73.0	73.2	73.6	75.1
≥ 1800	29.9	44.0	49.7	54.4	60.7	63.6	67.1	70.0	70.9	72.2	72.9	73.0	73.4	73.6	74.0	75.5
≥ 1500	30.2	44.4	50.3	55.2	61.7	64.7	68.5	71.5	72.4	73.7	74.3	74.4	74.9	75.1	75.5	77.0
≥ 1200	30.3	44.7	50.7	55.7	62.5	65.7	69.8	72.9	73.7	75.0	75.7	75.8	76.3	76.5	76.9	78.3
≥ 1000	30.5	44.9	51.3	56.0	62.9	66.2	70.6	73.9	74.8	76.1	76.8	76.9	77.4	77.6	78.0	79.5
≥ 900	30.5	45.0	51.2	56.3	63.3	66.7	71.2	74.5	75.5	76.8	77.5	77.6	78.0	78.3	78.7	80.1
≥ 800	30.5	45.1	51.3	56.5	63.6	67.2	72.0	75.7	76.7	78.1	78.8	78.9	79.4	79.6	80.0	81.5
≥ 700	30.6	45.2	51.5	56.7	64.1	67.7	72.7	76.8	77.9	79.3	80.0	80.1	80.6	80.9	81.3	82.7
≥ 600	30.6	45.3	51.7	57.1	64.5	68.3	73.6	78.1	79.2	80.7	81.5	81.6	82.1	82.3	82.7	84.2
≥ 500	30.7	45.5	51.9	57.4	65.2	69.1	74.9	79.9	81.1	82.7	83.5	83.6	84.1	84.4	84.9	86.4
≥ 400	30.7	45.6	51.9	57.5	65.5	69.7	75.6	81.1	82.6	84.4	85.5	85.6	86.2	86.5	87.0	88.6
≥ 300	30.7	45.6	51.9	57.6	65.7	70.1	76.3	82.3	84.0	86.2	87.6	87.8	88.6	89.2	90.0	92.3
≥ 200	30.7	45.6	51.9	57.6	65.8	70.2	76.5	82.7	84.5	86.8	88.7	89.1	90.2	91.1	92.2	95.9
≥ 100	30.7	45.6	51.9	57.6	65.8	70.2	76.5	82.7	84.5	86.9	88.[illegible]	89.3	90.7	91.8	93.2	99.7
≥ 0	30.7	45.6	51.9	57.6	65.8	70.2	76.5	82.7	84.5	86.9	88.9	89.3	90.7	91.8	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	41.1	45.9	48.5	51.7	52.0	53.7	54.7	55.8	56.6	57.7	57.8	58.6	58.7	59.5	60.3
≥ 20000	33.2	44.3	49.1	51.8	55.1	55.4	57.1	58.5	59.8	60.9	61.9	62.1	62.9	63.0	63.7	64.5
≥ 18000	33.5	44.7	49.4	52.1	55.4	55.8	57.4	58.9	60.2	61.2	62.4	62.6	63.6	63.7	64.4	65.2
≥ 16000	33.5	44.7	49.4	52.1	55.4	55.8	57.4	58.9	60.2	61.2	62.4	62.6	63.6	63.7	64.4	65.2
≥ 14000	34.3	46.0	50.8	53.5	56.9	57.2	59.0	60.5	61.8	62.9	64.1	64.3	65.2	65.4	66.1	66.9
≥ 12000	34.9	46.8	51.9	54.6	57.9	58.3	60.0	61.9	63.2	64.4	65.6	65.8	66.8	66.9	67.6	68.4
≥ 10000	35.5	48.2	53.3	56.0	59.3	59.7	61.7	63.6	64.9	66.2	67.4	67.6	68.6	68.7	69.4	70.2
≥ 9000	35.6	48.5	53.5	56.3	59.7	60.0	62.1	63.9	65.2	66.5	67.7	68.0	68.9	69.0	69.7	70.6
≥ 8000	37.5	51.1	56.3	59.0	62.4	62.8	64.8	66.7	68.0	69.3	70.4	70.7	71.6	71.7	72.5	73.3
≥ 7000	39.7	54.1	59.3	62.1	65.6	66.0	68.3	70.2	71.5	72.8	74.0	74.2	75.2	75.3	76.0	76.8
≥ 6000	41.3	55.9	61.1	63.8	67.5	67.8	70.2	72.1	73.4	74.7	75.9	76.1	77.1	77.2	77.9	78.7
≥ 5000	44.1	59.6	65.2	68.3	72.0	72.3	74.7	76.6	77.9	79.2	80.4	80.6	81.6	81.7	82.4	83.2
≥ 4500	46.0	62.5	68.9	72.5	76.2	76.6	79.0	80.9	82.2	83.5	84.6	84.9	85.8	85.9	86.6	87.5
≥ 4000	46.3	63.6	69.9	73.5	77.3	77.7	80.0	81.9	83.2	84.5	85.7	85.9	86.9	87.0	87.7	88.5
≥ 3500	47.5	65.0	71.3	74.9	78.7	79.1	81.4	83.3	84.6	85.9	87.1	87.4	88.3	88.4	89.1	90.0
≥ 3000	49.3	68.0	74.7	78.5	82.6	83.0	85.3	87.2	88.5	89.8	91.0	91.3	92.2	92.3	93.0	93.9
≥ 2500	49.3	68.3	75.1	79.1	83.2	83.6	85.9	87.8	89.1	90.4	91.6	91.8	92.8	92.9	93.6	94.4
≥ 2000	49.5	68.9	76.1	80.1	84.3	84.6	87.0	88.9	90.2	91.5	92.7	92.9	93.9	94.0	94.7	95.5
≥ 1800	49.5	68.9	76.0	80.1	84.5	84.9	87.2	89.1	90.4	91.7	92.9	93.1	94.1	94.2	94.9	95.7
≥ 1500	49.6	69.1	76.4	80.5	85.0	85.3	87.7	89.6	90.9	92.2	93.4	93.6	94.6	94.7	95.4	96.2
≥ 1200	49.8	69.4	76.6	80.9	85.6	85.9	88.4	90.3	91.6	92.9	94.1	94.3	95.3	95.4	96.1	96.9
≥ 1000	49.8	69.4	76.7	81.0	85.8	86.2	88.7	90.5	91.8	93.1	94.3	94.6	95.5	95.6	96.3	97.2
≥ 900	49.8	69.4	76.7	81.0	85.8	86.2	88.7	90.5	91.8	93.1	94.3	94.6	95.5	95.6	96.3	97.2
≥ 800	49.8	69.4	76.7	81.0	85.8	86.3	89.0	90.9	92.2	93.5	94.7	94.9	95.9	96.0	96.7	97.5
≥ 700	49.8	69.4	76.7	81.0	85.8	86.3	89.1	91.0	92.3	93.6	94.8	95.0	96.0	96.1	96.8	97.6
≥ 600	49.8	69.5	76.8	81.1	85.9	86.4	89.2	91.1	92.4	93.7	94.9	95.2	96.1	96.2	96.9	97.8
≥ 500	49.8	69.5	76.8	81.1	85.9	86.4	89.2	91.1	92.4	93.7	94.9	95.2	96.1	96.2	96.9	97.8
≥ 400	49.8	69.6	77.0	81.2	86.1	86.5	89.4	91.3	92.6	93.9	95.0	95.3	96.2	96.3	97.0	98.1
≥ 300	49.8	69.6	77.0	81.2	86.1	86.6	89.5	91.4	92.7	94.0	95.2	95.4	96.5	96.6	97.3	98.3
≥ 200	49.8	69.6	77.0	81.2	86.1	86.6	89.5	91.5	92.8	94.1	95.5	95.7	96.8	97.0	97.8	99.2
≥ 100	49.8	69.6	77.0	81.2	86.1	86.6	89.5	91.5	92.8	94.1	95.5	95.7	96.8	97.0	97.8	99.4
≥ 0	49.8	69.6	77.0	81.2	86.1	86.6	89.5	91.5	92.8	94.1	95.5	95.7	96.8	97.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.1	33.3	37.7	38.9	42.3	43.6	44.7	45.5	46.5	47.3	48.6	49.1	50.2	50.5	51.1	53.2
≥ 20000	28.6	37.9	41.7	43.6	47.0	48.3	49.6	50.5	51.5	52.5	54.1	54.6	55.8	56.0	56.5	58.7
≥ 18000	29.0	38.4	42.2	44.1	47.5	48.8	50.1	51.1	52.1	53.1	54.7	55.2	56.4	56.6	57.2	59.3
≥ 16000	29.0	38.4	42.2	44.1	47.5	48.8	50.1	51.1	52.1	53.1	54.7	55.2	56.4	56.6	57.2	59.3
≥ 14000	29.6	39.1	42.9	44.8	48.3	49.6	50.9	51.9	53.0	53.9	55.7	56.1	57.3	57.6	58.2	60.3
≥ 12000	30.7	40.7	44.4	46.3	49.9	51.2	52.5	53.8	54.8	55.8	57.6	58.0	59.2	59.5	60.0	62.2
≥ 10000	31.9	42.7	46.7	48.7	52.2	53.5	54.8	56.1	57.2	58.2	59.9	60.4	61.6	61.8	62.4	64.5
≥ 9000	32.0	42.8	46.8	48.8	52.4	53.7	55.0	56.3	57.3	58.4	60.2	60.6	61.8	62.1	62.6	64.8
≥ 8000	34.2	45.7	49.9	51.9	55.4	56.7	58.2	59.6	60.6	61.7	63.5	63.9	65.1	65.4	66.0	68.1
≥ 7000	36.5	48.7	53.0	55.1	58.6	59.9	61.3	62.9	63.9	65.0	66.8	67.3	68.4	68.7	69.3	71.4
≥ 6000	38.5	51.2	55.4	57.7	61.3	62.6	64.1	65.6	66.7	67.7	69.5	70.0	71.2	71.4	72.0	74.1
≥ 5000	40.8	54.4	58.7	61.0	64.9	66.2	67.7	69.3	70.3	71.4	73.3	73.8	74.9	75.2	75.8	77.9
≥ 4500	42.3	57.4	61.9	64.2	68.3	69.6	71.2	72.7	73.8	74.8	76.7	77.2	78.4	78.6	79.2	81.3
≥ 4000	43.3	58.6	63.2	65.5	69.6	70.9	72.5	74.0	75.1	76.1	78.0	78.5	79.7	79.9	80.5	82.6
≥ 3500	45.3	61.0	65.6	68.0	72.2	73.5	75.1	76.6	77.7	78.7	80.6	81.1	82.3	82.5	83.1	85.2
≥ 3000	47.0	63.5	68.7	71.0	75.8	77.1	78.6	80.1	81.2	82.3	84.2	84.6	85.8	86.1	86.6	88.8
≥ 2500	47.2	63.6	68.8	71.2	75.9	77.3	79.0	80.5	81.6	82.6	84.5	85.0	86.2	86.4	87.0	89.1
≥ 2000	47.2	64.1	69.3	71.7	76.6	78.1	79.8	81.3	82.4	83.5	85.3	85.8	87.0	87.2	87.8	90.0
≥ 1800	47.2	64.1	69.4	71.9	76.7	78.3	79.9	81.4	82.5	83.6	85.5	85.9	87.1	87.4	87.9	90.1
≥ 1500	47.3	64.7	70.0	72.9	77.9	79.4	81.1	82.6	83.7	84.8	86.6	87.1	88.3	88.5	89.1	91.3
≥ 1200	47.3	65.0	70.3	73.4	78.4	79.9	81.8	83.3	84.4	85.5	87.4	87.8	89.0	89.2	89.8	92.0
≥ 1000	47.3	65.2	70.6	73.6	78.7	80.3	82.2	83.7	84.8	85.8	87.7	88.2	89.4	89.6	90.2	92.3
≥ 900	47.3	65.2	70.6	73.6	78.8	80.4	82.3	83.9	85.0	86.1	87.9	88.4	89.6	89.8	90.4	92.6
≥ 800	47.3	65.2	70.6	73.6	78.8	80.4	82.4	84.0	85.1	86.2	88.1	88.5	89.7	90.0	90.5	92.7
≥ 700	47.3	65.2	70.6	73.6	78.8	80.5	82.5	84.2	85.2	86.3	88.2	88.7	89.8	90.1	90.7	92.8
≥ 600	47.3	65.2	70.6	73.6	78.8	80.5	82.5	84.2	85.2	86.3	88.2	88.7	89.8	90.1	90.8	92.9
≥ 500	47.3	65.2	70.6	73.8	79.0	80.6	82.6	84.3	85.3	86.4	88.3	88.8	90.0	90.2	91.0	93.1
≥ 400	47.3	65.5	70.8	74.0	79.2	80.9	82.9	84.6	85.8	86.9	88.8	89.2	90.4	90.8	91.6	94.2
≥ 300	47.3	65.5	70.8	74.0	79.2	80.9	82.9	84.8	86.1	87.2	89.4	89.8	91.0	91.4	92.2	94.9
≥ 200	47.3	65.5	70.8	74.0	79.2	80.9	82.9	84.8	86.1	87.2	89.7	90.3	91.6	92.2	93.5	97.6
≥ 100	47.3	65.6	70.9	74.1	79.3	81.0	83.0	84.9	86.2	87.4	89.8	90.4	91.7	92.6	93.9	99.4
≥ 0	47.3	65.6	70.9	74.1	79.3	81.0	83.0	84.9	86.2	87.4	89.8	90.4	91.7	92.6	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 845

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23213 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH) | 0600-0800 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.7	22.8	25.4	27.8	30.9	32.3	33.8	36.3	36.9	37.6	38.9	39.1	40.0	41.5	42.2	45.3
≥ 20000	19.9	25.5	28.5	31.0	34.0	35.5	37.1	39.7	40.4	41.3	42.7	42.9	43.7	45.4	46.2	49.6
≥ 18000	20.2	26.0	29.0	31.4	34.5	35.9	37.6	40.3	41.0	41.8	43.3	43.5	44.3	46.0	46.8	50.2
≥ 16000	20.3	26.1	29.1	31.6	34.6	36.1	37.7	40.4	41.1	42.0	43.4	43.6	44.4	46.1	46.9	50.4
≥ 14000	21.5	27.3	30.4	32.9	36.2	37.6	39.4	42.3	43.0	44.0	45.4	45.6	46.5	48.2	49.2	52.6
≥ 12000	23.5	29.3	32.6	35.1	38.4	39.8	41.6	45.0	45.7	46.7	48.1	48.3	49.2	50.9	51.9	55.3
≥ 10000	25.3	31.3	34.9	37.4	40.8	42.4	44.2	47.6	48.3	49.3	50.7	50.9	51.8	53.5	54.5	57.9
≥ 9000	25.7	31.8	35.3	37.8	41.3	42.9	44.7	48.1	48.8	49.8	51.2	51.4	52.2	54.0	55.0	58.4
≥ 8000	27.8	35.5	39.1	41.8	45.7	47.6	49.6	53.2	53.9	54.8	56.3	56.5	57.3	59.1	60.0	63.5
≥ 7000	28.8	37.2	41.0	44.0	48.0	49.9	51.9	55.4	56.1	57.1	58.5	58.7	59.6	61.3	62.3	65.7
≥ 6000	30.1	39.5	43.3	46.2	50.2	52.1	54.1	57.7	58.4	59.3	60.8	61.0	61.8	63.6	64.5	68.0
≥ 5000	31.3	41.3	45.3	48.6	52.6	54.5	56.5	60.0	60.8	61.7	63.1	63.4	64.2	66.0	67.0	70.4
≥ 4500	32.7	43.5	48.2	51.7	55.8	57.7	59.7	63.4	64.1	65.0	66.4	66.7	67.5	69.3	70.4	73.9
≥ 4000	33.8	44.8	49.5	53.0	57.2	59.1	61.1	64.9	65.6	66.5	68.0	68.2	69.0	70.8	72.0	75.4
≥ 3500	35.3	47.3	52.1	55.7	60.6	62.5	64.7	68.7	69.4	70.3	71.7	72.0	72.8	74.6	75.8	79.2
≥ 3000	37.2	50.1	55.4	59.1	64.4	66.4	68.7	72.8	73.5	74.5	75.9	76.1	77.0	78.7	79.9	83.3
≥ 2500	37.6	51.3	56.9	60.6	66.5	68.8	71.0	75.3	76.1	77.1	78.5	78.7	79.6	81.3	82.5	85.9
≥ 2000	37.8	52.1	57.7	61.6	67.5	69.7	72.0	76.4	77.2	78.1	79.7	79.9	80.7	82.5	83.7	87.1
≥ 1800	37.9	52.4	57.9	61.9	67.8	70.1	72.3	76.7	77.5	78.5	80.0	80.3	81.1	82.9	84.0	87.5
≥ 1500	38.3	52.8	58.4	62.5	68.7	70.9	73.2	77.7	78.5	79.4	81.0	81.2	82.0	83.8	85.0	88.4
≥ 1200	38.3	52.8	58.5	62.6	68.8	71.0	73.5	78.0	78.8	79.8	81.3	81.6	82.4	84.2	85.3	88.8
≥ 1000	38.3	52.8	58.5	62.6	68.9	71.2	73.6	78.3	79.1	80.0	81.6	81.8	82.6	84.4	85.6	89.0
≥ 900	38.3	52.8	58.5	62.8	69.0	71.3	73.8	78.4	79.3	80.3	81.8	82.0	82.9	84.6	85.8	89.2
≥ 800	38.3	52.8	58.5	62.8	69.1	71.4	73.9	78.6	79.6	80.5	82.0	82.3	83.1	84.9	86.1	89.5
≥ 700	38.3	52.8	58.5	62.8	69.1	71.4	74.0	78.8	79.8	80.7	82.3	82.5	83.3	85.1	86.3	89.7
≥ 600	38.4	53.0	58.6	62.9	69.3	71.5	74.2	79.1	80.0	81.0	82.5	82.7	83.6	85.3	86.5	90.0
≥ 500	38.4	53.0	58.7	63.0	69.5	71.7	74.6	79.6	80.6	81.7	83.2	83.6	84.4	86.2	87.5	91.1
≥ 400	38.4	53.0	58.7	63.0	69.5	71.7	74.8	79.8	80.9	81.9	83.5	83.8	84.6	86.4	87.7	92.3
≥ 300	38.5	53.1	58.9	63.1	69.6	71.9	74.9	79.9	81.0	82.3	84.0	84.4	85.3	87.2	88.7	94.0
≥ 200	38.5	53.1	58.9	63.1	69.6	71.9	74.9	79.9	81.0	82.3	84.4	84.8	85.7	87.9	89.6	97.5
≥ 100	38.5	53.1	58.9	63.1	69.6	71.9	74.9	79.9	81.0	82.3	84.4	84.8	85.8	88.1	90.0	99.5
≥ 0	38.5	53.1	58.9	63.1	69.6	71.9	74.9	79.9	81.0	82.3	84.4	84.8	85.8	88.1	90.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.6	23.4	26.6	29.6	33.1	35.0	36.6	39.7	40.3	41.1	41.7	42.1	42.4	42.8	43.0	44.2
≥ 20000	21.7	27.2	30.4	33.6	37.7	40.0	42.0	45.2	45.7	46.7	47.3	47.6	48.1	48.5	48.7	50.4
≥ 18000	21.9	27.3	30.5	33.7	37.9	40.2	42.2	45.4	46.0	46.9	47.5	47.9	48.3	48.7	48.9	50.6
≥ 16000	22.6	28.0	31.2	34.4	38.7	40.9	42.9	46.1	46.7	47.6	48.2	48.6	49.1	49.4	49.6	51.3
≥ 14000	24.3	29.8	33.1	36.4	40.9	43.3	45.4	48.6	49.4	50.5	51.1	51.4	51.9	52.2	52.5	54.1
≥ 12000	26.4	31.9	35.2	38.5	43.0	45.4	47.6	51.3	52.2	53.5	54.1	54.5	55.0	55.3	55.6	57.2
≥ 10000	28.3	33.9	37.4	40.7	45.4	47.8	50.0	53.7	54.6	55.9	56.5	56.9	57.3	57.7	57.9	59.6
≥ 9000	29.1	35.0	38.4	41.8	46.6	48.9	51.2	54.8	55.8	57.1	57.7	58.0	58.5	58.9	59.1	60.8
≥ 8000	31.8	38.3	41.8	45.5	50.2	52.6	55.1	58.9	59.8	61.1	61.7	62.1	62.5	62.9	63.1	64.8
≥ 7000	32.9	40.1	43.6	47.3	52.0	54.4	56.9	60.6	61.6	62.9	63.5	63.8	64.3	64.7	64.9	66.5
≥ 6000	34.8	42.4	46.7	50.4	55.7	58.0	60.5	64.4	65.4	66.7	67.3	67.6	68.1	68.4	68.7	70.3
≥ 5000	35.7	44.0	48.2	52.6	58.0	60.6	63.1	67.1	68.1	69.4	70.0	70.3	70.8	71.2	71.4	73.2
≥ 4500	37.4	46.0	50.5	55.1	60.8	63.4	66.0	70.0	70.9	72.2	72.8	73.2	73.6	74.0	74.2	76.0
≥ 4000	39.0	48.0	52.8	57.6	63.4	66.0	68.6	72.6	73.5	74.8	75.4	75.8	76.2	76.6	76.8	78.6
≥ 3500	40.5	50.1	55.3	60.3	66.3	69.0	71.7	76.0	77.0	78.3	78.8	79.2	79.7	80.0	80.3	82.0
≥ 3000	42.0	51.9	57.3	62.5	68.6	71.3	74.1	78.4	79.3	80.6	81.2	81.6	82.0	82.4	82.6	84.4
≥ 2500	42.7	52.7	58.6	63.9	70.0	72.7	75.5	79.8	81.0	82.3	82.9	83.2	83.7	84.0	84.3	86.1
≥ 2000	43.1	53.3	59.3	64.7	70.7	73.4	76.2	80.5	81.7	83.0	83.6	83.9	84.4	84.8	85.0	86.8
≥ 1800	43.1	53.3	59.3	64.9	70.9	73.6	76.5	80.7	81.9	83.2	83.8	84.2	84.6	85.0	85.2	87.0
≥ 1500	44.0	54.4	60.4	66.1	72.5	75.3	78.1	82.4	83.6	84.9	85.5	85.8	86.3	86.6	86.9	88.7
≥ 1200	44.0	54.5	60.5	66.5	73.0	76.0	78.8	83.3	84.5	85.8	86.4	86.8	87.2	87.6	87.8	89.6
≥ 1000	44.1	55.1	61.2	67.3	73.8	76.7	79.7	84.5	85.7	87.0	87.6	87.9	88.4	88.8	89.0	90.8
≥ 900	44.2	55.3	61.5	67.5	74.1	77.1	80.0	84.9	86.1	87.4	87.9	88.3	88.8	89.1	89.4	91.1
≥ 800	44.2	55.3	61.6	67.8	74.7	77.7	80.7	85.7	86.9	88.2	88.9	89.2	89.7	90.1	90.3	92.1
≥ 700	44.2	55.4	61.7	68.0	74.8	77.8	80.9	85.8	87.0	88.3	89.0	89.4	89.8	90.2	90.4	92.2
≥ 600	44.2	55.6	61.8	68.3	75.4	78.4	81.6	86.5	87.7	89.0	89.7	90.1	90.5	90.9	91.1	92.9
≥ 500	44.2	55.6	61.8	68.3	75.8	78.8	82.0	87.1	88.5	90.1	90.8	91.1	91.7	92.2	92.4	94.3
≥ 400	44.2	55.6	61.8	68.3	75.8	79.1	82.5	87.6	89.1	90.7	91.4	91.7	92.3	93.0	93.7	96.0
≥ 300	44.2	55.6	61.8	68.3	75.8	79.1	82.5	87.6	89.2	90.9	91.6	92.1	92.8	93.5	94.4	97.9
≥ 200	44.2	55.6	61.8	68.3	75.8	79.1	82.5	87.6	89.2	90.9	91.8	92.3	93.3	94.0	95.0	99.5
≥ 100	44.2	55.6	61.8	68.3	75.8	79.1	82.5	87.6	89.2	90.9	91.8	92.3	93.3	94.0	95.0	99.9
≥ 0	44.2	55.6	61.8	68.3	75.8	79.1	82.5	87.6	89.2	90.9	91.8	92.3	93.3	94.0	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.2	31.3	34.3	38.4	43.4	45.0	48.0	48.7	48.8	49.2	49.2	49.2	49.3	49.3	49.4	49.4
≥ 20000	27.7	34.9	38.2	42.3	48.0	49.8	53.0	53.9	54.0	54.4	54.4	54.4	54.5	54.5	54.6	54.6
≥ 18000	28.8	36.1	39.4	43.5	49.5	51.3	54.6	55.6	55.7	56.0	56.0	56.0	56.1	56.1	56.3	56.3
≥ 16000	29.2	36.4	39.7	43.9	49.9	51.7	55.0	55.9	56.0	56.4	56.4	56.4	56.5	56.5	56.6	56.6
≥ 14000	30.7	38.2	41.8	46.1	52.1	53.9	57.2	58.2	58.3	58.9	58.9	59.0	59.1	59.1	59.2	59.2
≥ 12000	33.5	41.7	45.5	50.0	56.3	58.2	61.5	62.5	62.6	63.2	63.2	63.4	63.5	63.5	63.6	63.6
≥ 10000	34.4	42.9	46.9	51.5	57.8	59.7	63.0	64.1	64.2	64.8	64.8	64.9	65.0	65.0	65.1	65.1
≥ 9000	35.5	44.4	48.5	53.1	59.3	61.2	64.5	65.6	65.7	66.3	66.3	66.4	66.5	66.5	66.7	66.7
≥ 8000	37.6	46.9	51.1	55.8	62.3	64.2	67.5	68.6	68.7	69.3	69.3	69.4	69.5	69.5	69.6	69.6
≥ 7000	39.0	49.1	53.2	57.9	64.4	66.3	69.7	70.9	71.0	71.6	71.6	71.7	71.9	71.9	72.0	72.0
≥ 6000	40.5	51.2	55.4	60.3	67.0	69.0	72.5	73.6	73.8	74.3	74.3	74.5	74.6	74.6	74.7	74.7
≥ 5000	42.1	53.7	57.9	63.0	69.7	71.9	75.3	76.5	76.6	77.2	77.2	77.3	77.4	77.4	77.5	77.5
≥ 4500	43.5	55.2	59.6	64.7	71.4	73.6	77.1	78.3	78.4	79.0	79.0	79.1	79.2	79.2	79.3	79.3
≥ 4000	45.2	57.7	62.1	67.3	74.1	76.5	80.0	81.2	81.3	81.9	81.9	82.0	82.2	82.2	82.3	82.3
≥ 3500	47.3	60.0	64.5	70.0	77.3	79.7	83.2	84.4	84.5	85.1	85.1	85.2	85.3	85.3	85.5	85.5
≥ 3000	49.3	62.6	67.4	72.8	80.5	83.0	86.5	87.7	87.8	88.4	88.4	88.5	88.7	88.7	88.8	88.8
≥ 2500	50.4	64.2	68.9	74.5	82.3	84.8	88.4	89.6	89.7	90.3	90.3	90.4	90.5	90.5	90.7	90.7
≥ 2000	51.1	65.2	70.1	75.7	83.6	86.1	89.7	90.9	91.0	91.6	91.6	91.7	91.8	91.8	92.0	92.0
≥ 1800	51.1	65.4	70.2	75.8	83.8	86.3	90.1	91.3	91.4	92.0	92.0	92.1	92.2	92.2	92.3	92.3
≥ 1500	51.3	65.8	70.7	76.2	84.4	87.0	90.8	92.0	92.1	92.7	92.7	92.8	92.9	92.9	93.0	93.0
≥ 1200	51.3	66.1	70.9	76.6	84.9	87.8	91.7	92.9	93.0	93.6	93.6	93.7	93.9	93.9	94.0	94.0
≥ 1000	51.3	66.2	71.3	76.7	85.1	88.2	92.8	94.0	94.1	94.7	94.7	94.8	94.9	94.9	95.0	95.0
≥ 900	51.3	66.4	71.4	77.1	85.5	88.5	93.1	94.3	94.6	95.2	95.2	95.3	95.4	95.4	95.5	95.5
≥ 800	51.3	66.5	71.9	77.7	86.3	89.4	94.0	95.3	95.5	96.1	96.1	96.2	96.3	96.3	96.5	96.5
≥ 700	51.3	66.7	72.1	78.0	86.6	89.7	94.4	95.7	96.2	96.8	96.8	96.9	97.0	97.0	97.2	97.2
≥ 600	51.3	66.9	72.6	78.5	87.1	90.2	94.9	96.2	96.7	97.3	97.3	97.4	97.5	97.5	97.6	97.6
≥ 500	51.3	66.9	72.6	78.5	87.1	90.3	95.2	96.6	97.2	97.8	97.8	97.9	98.0	98.0	98.1	98.1
≥ 400	51.3	66.9	72.6	78.5	87.2	90.4	95.3	96.8	97.5	98.2	98.2	98.3	98.6	98.7	98.8	98.8
≥ 300	51.3	66.9	72.6	78.5	87.2	90.4	95.3	96.9	97.6	98.7	98.8	98.9	99.3	99.5	99.9	99.9
≥ 200	51.3	66.9	72.6	78.5	87.2	90.4	95.3	96.9	97.6	98.7	98.8	98.9	99.3	99.5	99.9	100.0
≥ 100	51.3	66.9	72.6	78.5	87.2	90.4	95.3	96.9	97.6	98.7	98.8	98.9	99.3	99.5	99.9	100.0
≥ 0	51.3	66.9	72.6	78.5	87.2	90.4	95.3	96.9	97.6	98.7	98.8	98.9	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.6	37.0	41.6	47.3	51.3	51.8	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	32.9	41.1	46.2	52.4	57.1	57.7	58.6	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	33.6	41.8	46.9	52.7	57.8	58.4	59.6	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	34.0	42.4	47.5	53.3	58.4	59.0	60.2	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	35.9	44.4	49.6	55.7	60.9	61.5	62.6	63.1	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	37.9	47.3	52.5	59.0	64.2	65.1	66.4	66.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	40.2	50.0	55.3	62.1	67.4	68.3	69.6	70.1	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	40.3	50.2	55.7	62.4	67.7	68.8	70.1	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	42.1	52.5	57.9	64.8	70.4	71.5	72.8	73.3	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	44.3	55.4	60.9	67.8	73.5	74.6	75.9	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	45.6	57.6	63.0	70.0	75.8	76.8	78.1	79.0	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	49.1	61.3	67.1	74.3	80.1	81.2	82.5	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	50.7	63.6	69.5	76.7	82.5	83.6	84.9	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	51.7	64.9	70.9	78.1	84.6	85.7	87.0	87.9	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	53.5	67.3	73.3	80.5	87.2	88.3	89.8	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	54.6	68.6	74.8	82.2	88.9	90.0	91.8	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	55.6	70.1	76.4	83.8	91.0	92.1	94.0	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	56.0	70.6	76.8	84.3	91.5	92.7	94.8	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	56.1	70.8	77.1	84.5	91.7	92.9	95.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	56.4	71.2	77.4	84.9	92.2	94.0	96.1	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	56.4	71.2	77.5	85.0	92.6	94.4	96.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	56.4	71.2	77.5	85.0	92.6	94.4	96.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	56.4	71.2	77.5	85.0	92.6	94.4	96.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	56.4	71.3	77.7	85.1	92.7	94.6	96.7	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	56.4	71.3	77.7	85.1	92.7	94.6	96.7	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	56.4	71.3	77.7	85.2	92.8	94.8	97.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	56.4	71.3	77.7	85.2	92.8	94.8	97.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	56.4	71.3	77.7	85.2	92.8	94.8	97.3	98.7	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6
≥ 300	56.4	71.3	77.7	85.2	92.9	95.0	97.5	98.9	98.9	99.5	99.5	99.6	100.0	100.0	100.0	100.0
≥ 200	56.4	71.3	77.7	85.2	92.9	95.0	97.5	98.9	98.9	99.5	99.5	99.6	100.0	100.0	100.0	100.0
≥ 100	56.4	71.3	77.7	85.2	92.9	95.0	97.5	98.9	98.9	99.5	99.5	99.6	100.0	100.0	100.0	100.0
≥ 0	56.4	71.3	77.7	85.2	92.9	95.0	97.5	98.9	98.9	99.5	99.5	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	42.3	47.4	51.7	55.2	55.9	56.5	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	33.1	45.4	51.2	56.0	59.6	60.5	61.7	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	33.3	45.6	51.4	56.5	61.0	61.0	62.4	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	33.5	45.7	51.5	56.6	60.2	61.1	62.5	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	34.3	46.8	52.6	57.8	61.3	62.3	63.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	35.9	48.7	54.5	59.7	63.4	64.3	66.0	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	37.9	51.9	57.7	62.9	66.5	67.5	69.1	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	38.1	52.0	57.9	63.1	66.8	67.7	69.5	70.9	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	40.3	55.2	61.2	66.5	70.3	71.3	73.0	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	41.5	56.7	62.8	68.1	71.9	72.8	74.6	76.1	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	44.2	60.0	66.4	71.7	75.7	76.7	78.6	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	46.6	63.1	69.6	74.9	79.0	80.0	81.9	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	47.9	66.0	72.7	78.3	82.4	83.5	85.3	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	48.9	67.5	74.2	79.9	84.2	85.2	87.1	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	50.2	69.5	76.6	82.3	86.9	87.9	89.8	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	52.0	72.1	79.6	85.3	90.2	91.3	93.3	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	52.2	73.2	80.7	86.5	91.4	92.4	94.4	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	52.4	73.3	80.9	86.8	91.6	92.7	94.7	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	52.4	73.3	80.9	86.8	91.6	92.7	94.7	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	52.5	73.5	81.1	87.0	91.8	92.9	95.3	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	52.6	73.9	81.6	87.5	92.4	93.5	96.3	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	52.7	74.0	81.7	87.6	92.6	93.6	96.6	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	52.8	74.1	81.8	87.7	92.7	93.7	96.7	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	52.8	74.1	81.8	87.7	92.7	93.7	96.7	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	52.8	74.1	81.8	87.7	92.7	93.7	96.7	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	52.8	74.1	81.8	87.8	92.9	94.0	96.9	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	52.8	74.1	81.8	87.8	92.9	94.0	96.9	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	52.8	74.1	81.8	87.8	92.9	94.1	97.0	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	52.8	74.1	81.8	87.8	92.9	94.1	97.0	98.6	98.6	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	52.8	74.1	81.8	87.8	92.9	94.1	97.0	98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.5	99.8
≥ 100	52.8	74.1	81.8	87.8	92.9	94.1	97.0	98.6	98.6	99.2	99.3	99.3	99.5	99.8	99.8	100.0
≥ 0	52.8	74.1	81.8	87.8	92.9	94.1	97.0	98.6	98.6	99.2	99.3	99.3	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	44.9	49.6	53.3	57.1	57.8	59.0	60.2	60.3	60.5	60.8	60.8	61.0	61.0	61.1	61.2
≥ 20000	34.2	46.8	51.5	55.4	59.3	60.0	61.3	63.2	63.4	63.6	63.8	63.8	64.1	64.1	64.2	64.3
≥ 18000	34.4	47.3	51.8	55.7	59.6	60.3	61.6	63.9	64.2	64.5	64.8	64.8	65.0	65.0	65.1	65.2
≥ 16000	34.4	47.0	51.8	55.7	59.6	60.3	61.6	63.9	64.2	64.5	64.8	64.8	65.0	65.0	65.1	65.2
≥ 14000	34.9	48.0	52.7	56.6	60.5	61.2	62.5	65.1	65.4	65.7	66.0	66.0	66.2	66.2	66.3	66.4
≥ 12000	36.5	50.0	54.7	58.6	62.6	63.4	64.7	67.4	67.6	68.0	68.2	68.2	68.4	68.4	68.6	68.7
≥ 10000	38.2	53.0	57.7	61.6	65.6	66.3	67.6	70.3	70.6	71.3	71.5	71.5	71.7	71.7	71.9	72.0
≥ 9000	38.4	53.2	57.9	61.8	65.8	66.5	67.8	70.6	70.8	71.5	71.7	71.7	72.0	72.0	72.1	72.2
≥ 8000	39.8	55.3	60.2	64.2	68.2	68.9	70.2	72.9	73.2	73.9	74.1	74.1	74.3	74.3	74.5	74.6
≥ 7000	42.1	57.8	62.8	66.8	70.9	71.6	72.9	75.7	75.9	76.6	76.8	76.8	77.1	77.1	77.2	77.3
≥ 6000	43.5	59.3	64.4	68.4	72.7	73.5	74.8	77.5	77.8	78.5	78.7	78.7	79.0	79.0	79.1	79.2
≥ 5000	45.7	62.6	68.3	72.6	76.8	77.7	79.0	81.7	81.9	82.6	82.9	82.9	83.1	83.1	83.2	83.3
≥ 4500	47.8	65.8	71.5	76.4	80.6	81.4	82.7	85.5	85.7	86.4	86.6	86.6	86.9	86.9	87.0	87.1
≥ 4000	48.6	67.5	73.3	78.5	82.7	83.6	84.9	87.6	87.8	88.5	88.8	88.8	89.0	89.0	89.1	89.2
≥ 3500	50.4	69.9	76.2	81.7	85.9	86.8	88.1	90.8	91.0	91.7	92.0	92.0	92.2	92.2	92.3	92.4
≥ 3000	51.4	72.2	78.5	84.3	88.5	89.4	90.7	93.4	93.6	94.3	94.6	94.6	94.8	94.8	94.9	95.0
≥ 2500	51.8	72.8	79.3	85.1	89.4	90.2	91.5	94.2	94.4	95.2	95.4	95.4	95.6	95.6	95.7	95.9
≥ 2000	52.2	73.5	80.1	85.9	90.2	91.0	92.3	95.0	95.3	96.0	96.2	96.2	96.5	96.5	96.6	96.7
≥ 1800	52.2	73.6	80.3	86.1	90.3	91.1	92.4	95.2	95.4	96.1	96.3	96.3	96.6	96.6	96.7	96.8
≥ 1500	52.2	73.6	80.3	86.1	90.3	91.1	92.7	95.4	95.6	96.3	96.6	96.6	96.8	96.8	96.9	97.0
≥ 1200	52.4	73.9	80.6	86.6	91.0	91.8	93.5	96.2	96.5	97.2	97.4	97.4	97.6	97.6	97.8	97.9
≥ 1000	52.4	73.9	80.6	86.6	91.0	91.8	93.5	96.3	96.6	97.3	97.5	97.5	97.8	97.8	97.9	98.0
≥ 900	52.4	73.9	80.6	86.6	91.0	91.8	93.5	96.3	96.6	97.3	97.5	97.5	97.8	97.8	97.9	98.0
≥ 800	52.4	73.9	80.6	86.8	91.1	92.0	93.6	96.5	96.7	97.4	97.6	97.6	97.9	97.9	98.0	98.1
≥ 700	52.4	73.9	80.6	86.8	91.1	92.0	93.6	96.5	96.7	97.4	97.6	97.6	97.9	97.9	98.0	98.1
≥ 600	52.4	73.9	80.6	86.8	91.1	92.0	93.6	96.5	96.7	97.4	97.6	97.6	97.9	97.9	98.0	98.1
≥ 500	52.4	74.0	80.9	87.0	91.4	92.2	93.9	96.7	96.9	97.6	97.9	97.9	98.1	98.1	98.2	98.3
≥ 400	52.4	74.0	80.9	87.0	91.4	92.3	94.0	96.8	97.0	97.9	98.1	98.1	98.3	98.3	98.5	98.6
≥ 300	52.4	74.0	80.9	87.0	91.5	92.6	94.2	97.0	97.3	98.1	98.3	98.3	98.7	98.7	98.8	98.9
≥ 200	52.4	74.0	80.9	87.0	91.5	92.6	94.2	97.0	97.3	98.1	98.3	98.3	98.7	98.7	98.8	99.3
≥ 100	52.4	74.0	80.9	87.0	91.5	92.6	94.2	97.0	97.3	98.1	98.3	98.3	98.8	98.8	98.9	99.4
≥ 0	52.4	74.0	80.9	87.0	91.5	92.6	94.2	97.0	97.3	98.1	98.3	98.3	98.8	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.1	34.5	38.5	41.9	45.6	46.7	48.1	49.4	49.8	50.3	50.9	51.0	51.5	51.8	52.1	53.0
≥ 20000	28.9	37.9	42.1	45.7	49.7	50.9	52.6	54.1	54.6	55.1	55.8	55.9	56.4	56.7	57.0	58.0
≥ 18000	29.3	38.4	42.6	46.2	50.3	51.5	53.2	54.9	55.4	56.0	56.6	56.8	57.2	57.5	57.9	58.9
≥ 16000	29.6	38.6	42.8	46.5	50.5	51.7	53.4	55.1	55.6	56.2	56.8	57.0	57.5	57.8	58.1	59.1
≥ 14000	30.7	40.0	44.3	48.0	52.1	53.3	55.1	56.8	57.4	58.1	58.7	58.9	59.4	59.7	60.0	61.1
≥ 12000	32.4	42.1	46.4	50.2	54.5	55.7	57.5	59.5	60.1	60.3	61.5	61.7	62.1	62.4	62.8	63.8
≥ 10000	34.0	44.2	48.7	52.6	56.9	58.2	60.0	62.0	62.6	63.4	64.1	64.2	64.7	65.0	65.4	66.4
≥ 9000	34.3	44.7	49.3	53.1	57.4	58.7	60.6	62.6	63.2	64.0	64.7	64.8	65.3	65.6	66.0	67.0
≥ 8000	36.4	47.6	52.2	56.2	60.6	62.0	63.9	65.9	66.5	67.4	68.0	68.2	68.7	69.0	69.3	70.3
≥ 7000	38.1	49.9	54.6	58.6	63.1	64.4	66.4	68.6	69.1	70.0	70.6	70.8	71.3	71.6	71.9	73.0
≥ 6000	39.8	52.1	57.0	61.1	65.7	67.1	69.1	71.3	71.8	72.7	73.3	73.5	74.0	74.3	74.6	75.7
≥ 5000	41.9	55.0	60.1	64.4	69.1	70.6	72.6	74.7	75.3	76.2	76.8	77.0	77.5	77.8	78.1	79.2
≥ 4500	43.9	57.5	62.8	67.4	72.3	73.7	75.7	77.9	78.4	79.3	80.0	80.2	80.6	80.9	81.3	82.3
≥ 4000	44.6	59.1	64.5	69.2	74.1	75.6	77.6	79.8	80.4	81.3	81.9	82.1	82.6	82.9	83.3	84.3
≥ 3500	46.3	61.3	66.9	71.7	76.9	78.4	80.5	82.7	83.3	84.2	84.8	85.0	85.5	85.8	86.2	87.2
≥ 3000	47.9	63.6	69.6	74.5	79.9	81.4	83.6	85.9	86.5	87.3	88.0	88.2	88.6	88.9	89.3	90.4
≥ 2500	48.3	64.5	70.6	75.6	81.2	82.7	85.0	87.3	87.9	88.7	89.4	89.6	90.0	90.4	90.7	91.8
≥ 2000	48.7	65.1	71.3	76.3	82.0	83.5	85.8	88.1	88.7	89.6	90.3	90.4	90.9	91.2	91.6	92.6
≥ 1800	48.7	65.2	71.4	76.5	82.2	83.7	86.0	88.3	88.9	89.8	90.5	90.6	91.1	91.4	91.8	92.8
≥ 1500	49.0	65.6	71.8	77.0	82.8	84.5	86.9	89.2	89.8	90.6	91.3	91.5	92.0	92.3	92.7	93.7
≥ 1200	49.0	65.8	72.1	77.4	83.3	85.1	87.6	90.0	90.5	91.4	92.1	92.3	92.7	93.1	93.4	94.5
≥ 1000	49.0	66.0	72.2	77.6	83.6	85.3	87.9	90.4	91.0	91.9	92.5	92.7	93.2	93.5	93.9	94.9
≥ 900	49.1	66.0	72.3	77.7	83.7	85.4	88.1	90.5	91.2	92.0	92.7	92.9	93.4	93.7	94.0	95.1
≥ 800	49.1	66.1	72.4	77.8	83.9	85.7	88.4	90.9	91.5	92.4	93.1	93.3	93.7	94.0	94.4	95.4
≥ 700	49.1	66.1	72.5	77.9	84.0	85.7	88.5	91.0	91.7	92.6	93.3	93.4	93.9	94.2	94.6	95.6
≥ 600	49.1	66.2	72.6	78.0	84.2	86.0	88.8	91.3	92.0	92.8	93.5	93.7	94.2	94.5	94.9	95.9
≥ 500	49.1	66.2	72.6	78.1	84.3	86.1	88.9	91.5	92.3	93.2	93.9	94.1	94.5	94.9	95.3	96.4
≥ 400	49.1	66.2	72.7	78.1	84.4	86.2	89.1	91.8	92.5	93.5	94.2	94.4	94.9	95.3	95.8	97.1
≥ 300	49.1	66.3	72.7	78.1	84.4	86.3	89.2	91.9	92.7	93.7	94.5	94.7	95.4	95.8	96.3	97.9
≥ 200	49.1	66.3	72.7	78.1	84.4	86.3	89.2	91.9	92.7	93.8	94.7	94.9	95.6	96.1	96.8	99.1
≥ 100	49.1	66.3	72.7	78.2	84.4	86.3	89.2	91.9	92.7	93.8	94.7	94.9	95.7	96.2	96.9	99.7
0	49.1	66.3	72.7	78.2	84.4	86.3	89.2	91.9	92.7	93.8	94.7	94.9	95.7	96.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6758

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.0	63.5	64.8	66.0	67.2	68.0	68.9	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	54.4	66.5	68.3	69.2	70.6	71.4	72.4	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	54.4	66.5	68.3	69.2	70.6	71.4	72.4	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	54.5	66.6	68.1	69.4	70.8	71.5	72.5	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	55.2	67.4	68.9	70.3	71.7	72.5	73.4	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	56.7	69.1	70.6	72.2	73.8	74.5	75.5	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	58.4	71.1	72.6	74.1	75.7	76.5	77.4	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	58.8	71.5	73.0	74.5	76.1	76.9	77.8	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	60.0	73.3	74.8	76.7	78.5	79.2	80.2	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	61.3	75.2	76.7	78.5	80.3	81.1	82.0	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	62.5	76.6	78.1	79.9	81.7	82.5	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	64.0	79.4	81.0	82.8	84.7	85.5	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	67.8	83.7	85.3	87.1	89.0	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	69.0	85.6	87.2	89.0	91.0	91.7	92.7	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	70.9	87.2	88.9	91.0	92.9	93.7	94.6	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	72.2	89.6	91.4	93.4	95.4	96.1	97.1	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	72.3	90.0	91.9	94.0	95.9	96.8	97.8	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	72.4	90.2	92.2	94.2	96.1	97.0	98.1	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	72.5	90.3	92.3	94.3	96.2	97.1	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	72.5	90.3	92.3	94.3	96.2	97.1	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	72.5	90.3	92.3	94.3	96.2	97.1	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	72.6	90.5	92.5	94.5	96.5	97.3	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	72.6	90.5	92.5	94.5	96.5	97.3	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	72.6	90.5	92.5	94.5	96.5	97.3	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	72.6	90.8	92.7	94.7	96.7	97.5	98.6	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	72.7	91.0	92.9	94.9	96.9	97.7	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	72.7	91.0	92.9	94.9	97.2	98.1	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	72.7	91.0	92.9	94.9	97.2	98.1	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.7	91.0	92.9	94.9	97.2	98.1	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.7	91.0	92.9	94.9	97.2	98.1	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.7	91.0	92.9	94.9	97.2	98.1	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.7	91.0	92.9	94.9	97.2	98.1	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.3	57.3	58.9	60.8	62.3	62.8	63.4	64.1	64.1	64.1	64.3	64.3	64.4	64.5	64.5	64.8
≥ 20000	48.6	60.3	62.0	63.9	65.5	66.1	67.2	68.2	68.4	68.4	68.6	68.6	68.7	68.8	68.8	69.2
≥ 18000	48.8	60.5	62.3	64.1	65.7	66.3	67.4	68.4	68.6	68.6	68.8	68.8	68.9	69.0	69.0	69.5
≥ 16000	49.0	60.8	62.5	64.4	66.0	66.7	67.7	68.7	68.9	68.9	69.1	69.1	69.2	69.4	69.4	69.8
≥ 14000	49.9	61.8	63.8	66.0	67.6	68.3	69.4	70.3	70.5	70.5	70.8	70.8	70.9	71.0	71.0	71.4
≥ 12000	51.7	63.7	65.6	68.0	69.6	70.3	71.4	72.4	72.6	72.6	72.8	72.8	72.9	73.0	73.0	73.4
≥ 10000	53.2	65.4	67.3	69.8	71.4	72.2	73.2	74.2	74.4	74.4	74.6	74.6	74.6	74.7	74.8	75.3
≥ 9000	53.4	65.6	67.5	70.0	71.6	72.4	73.4	74.4	74.6	74.6	74.8	74.8	74.9	75.1	75.1	75.5
≥ 8000	54.7	67.3	69.5	72.0	73.8	74.5	75.6	76.6	76.8	76.8	77.0	77.0	77.1	77.2	77.2	77.6
≥ 7000	55.9	68.9	71.2	73.9	75.6	76.3	77.5	78.5	78.7	78.7	78.9	78.9	79.0	79.1	79.1	79.6
≥ 6000	57.4	70.6	72.9	75.6	77.3	78.1	79.4	80.3	80.5	80.5	80.8	80.8	80.9	81.0	81.0	81.4
≥ 5000	59.8	73.7	75.9	78.6	80.3	81.1	82.4	83.3	83.5	83.5	83.8	83.8	83.9	84.0	84.0	84.4
≥ 4500	62.5	76.9	79.4	82.0	83.9	84.6	85.9	86.9	87.2	87.2	87.4	87.4	87.5	87.6	87.6	88.1
≥ 4000	63.1	78.2	80.6	83.5	85.4	86.1	87.4	88.4	88.7	88.7	88.9	88.9	89.0	89.1	89.1	89.6
≥ 3500	65.3	81.4	84.0	86.9	88.9	89.7	91.0	91.9	92.3	92.3	92.5	92.5	92.6	92.7	92.7	93.1
≥ 3000	66.6	83.3	85.9	88.9	91.0	91.7	93.0	94.0	94.4	94.4	94.6	94.6	94.7	94.8	94.8	95.3
≥ 2500	67.0	84.4	87.1	90.1	92.2	92.9	94.2	95.2	95.6	95.6	95.8	95.8	95.9	96.0	96.0	96.5
≥ 2000	67.1	84.8	87.5	90.5	92.6	93.3	94.6	95.6	96.1	96.0	96.2	96.2	96.3	96.5	96.5	96.9
≥ 1800	67.2	85.1	87.7	90.8	92.8	93.5	94.8	95.8	96.2	96.2	96.5	96.5	96.6	96.7	96.7	97.1
≥ 1500	67.2	85.3	88.2	91.2	93.2	94.0	95.3	96.2	96.7	96.7	96.9	96.9	97.0	97.1	97.1	97.5
≥ 1200	67.2	85.3	88.2	91.2	93.2	94.0	95.3	96.2	96.7	96.7	96.9	96.9	97.0	97.1	97.1	97.5
≥ 1000	67.2	85.3	88.2	91.2	93.2	94.0	95.3	96.2	96.7	96.7	96.9	96.9	97.0	97.1	97.1	97.5
≥ 900	67.2	85.3	88.2	91.2	93.2	94.0	95.3	96.2	96.7	96.7	96.9	96.9	97.0	97.1	97.1	97.5
≥ 800	67.3	85.5	88.4	91.4	93.4	94.2	95.5	96.5	96.9	96.9	97.1	97.1	97.2	97.3	97.3	97.7
≥ 700	67.4	85.7	88.6	91.6	93.7	94.4	95.7	96.7	97.1	97.1	97.3	97.3	97.4	97.5	97.5	98.0
≥ 600	67.4	85.7	88.6	91.6	93.7	94.4	95.7	96.7	97.1	97.1	97.3	97.3	97.4	97.5	97.5	98.0
≥ 500	67.4	85.8	88.9	91.9	94.3	95.1	96.3	97.3	97.7	97.7	98.0	98.0	98.1	98.2	98.2	98.6
≥ 400	67.4	85.8	88.9	92.0	94.4	95.2	96.5	97.4	97.8	97.8	98.1	98.1	98.2	98.3	98.3	98.7
≥ 300	67.4	85.8	88.9	92.0	94.4	95.2	96.5	97.4	97.8	97.8	98.1	98.1	98.2	98.4	98.4	98.8
≥ 200	67.4	85.8	88.9	92.0	94.4	95.2	96.5	97.4	97.8	97.8	98.1	98.1	98.4	98.7	98.7	99.5
≥ 100	67.4	85.8	88.9	92.0	94.4	95.2	96.5	97.4	97.8	97.8	98.2	98.2	98.5	98.9	99.1	100.0
0	67.4	85.8	88.9	92.0	94.4	95.2	96.5	97.4	97.8	97.8	98.2	98.2	98.5	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.5	45.8	49.5	51.5	53.7	54.2	55.3	57.0	57.2	57.6	57.7	57.8	58.4	58.8	59.4	59.7
≥ 20000	38.4	49.8	53.4	55.6	58.0	58.5	59.7	61.8	62.0	62.5	62.6	62.7	63.2	63.7	64.3	64.7
≥ 18000	39.2	50.6	54.4	56.7	59.0	59.7	61.0	63.1	63.3	63.8	63.9	64.0	64.5	64.9	65.7	66.1
≥ 16000	39.6	51.0	54.7	57.0	59.4	60.0	61.3	63.4	63.7	64.1	64.2	64.3	64.8	65.3	66.0	66.5
≥ 14000	40.0	51.9	55.7	58.1	60.6	61.4	63.0	65.5	65.7	66.1	66.2	66.3	67.0	67.5	68.3	68.7
≥ 12000	41.8	54.0	57.7	60.1	62.9	63.7	65.3	67.7	68.0	68.5	68.6	68.7	69.4	69.9	70.6	71.2
≥ 10000	43.3	56.2	60.2	62.7	65.8	66.6	68.2	70.6	70.9	71.4	71.5	71.6	72.3	72.8	73.5	74.1
≥ 9000	43.4	56.6	60.5	63.0	66.2	67.0	68.6	71.1	71.3	71.8	71.9	72.0	72.7	73.2	74.0	74.5
≥ 8000	44.3	58.1	62.2	64.9	68.3	69.0	70.6	73.1	73.3	73.9	74.0	74.1	74.7	75.3	76.0	76.7
≥ 7000	46.5	60.6	65.1	67.8	71.2	71.9	73.5	76.0	76.2	76.8	76.9	77.0	77.6	78.2	78.9	79.6
≥ 6000	48.3	62.6	67.2	70.2	73.5	74.5	76.1	78.6	78.9	79.5	79.6	79.7	80.3	80.9	81.6	82.3
≥ 5000	49.9	64.6	69.4	72.5	75.9	76.9	78.5	81.1	81.4	81.9	82.0	82.2	82.8	83.3	84.1	84.7
≥ 4500	51.1	66.7	71.8	75.1	78.5	79.5	81.2	83.8	84.1	84.6	84.7	84.8	85.5	86.0	86.8	87.4
≥ 4000	51.6	67.7	72.9	76.1	79.6	80.5	82.3	84.8	85.2	85.8	85.9	86.0	86.7	87.2	88.0	88.6
≥ 3500	53.5	70.3	75.6	79.0	82.5	83.4	85.2	87.7	88.1	88.7	88.8	88.9	89.6	90.1	90.9	91.5
≥ 3000	54.7	71.7	77.3	80.9	84.4	85.4	87.1	89.8	90.1	90.8	90.9	91.0	91.6	92.2	92.9	93.5
≥ 2500	55.5	72.7	78.4	82.0	85.6	86.6	88.3	91.0	91.3	91.9	92.0	92.2	92.8	93.3	94.1	94.7
≥ 2000	56.1	73.4	79.1	82.9	86.5	87.4	89.1	91.8	92.2	92.8	92.9	93.0	93.7	94.2	94.9	95.6
≥ 1800	56.1	73.4	79.1	82.9	86.5	87.4	89.1	91.8	92.2	92.8	92.9	93.0	93.7	94.2	94.9	95.6
≥ 1500	56.5	74.0	79.9	83.7	87.3	88.4	90.1	92.8	93.1	93.8	93.9	94.0	94.6	95.2	95.9	96.6
≥ 1200	56.7	74.3	80.2	84.1	87.7	88.8	90.5	93.2	93.5	94.2	94.3	94.4	95.1	95.6	96.3	97.0
≥ 1000	56.7	74.5	80.4	84.3	88.1	89.1	90.9	93.5	93.9	94.5	94.6	94.7	95.4	95.9	96.7	97.3
≥ 900	56.8	74.6	80.6	84.5	88.3	89.4	91.1	93.8	94.1	94.7	94.8	94.9	95.6	96.1	96.9	97.5
≥ 800	56.8	74.6	80.6	84.5	88.3	89.4	91.1	93.8	94.1	94.7	94.8	94.9	95.6	96.1	96.9	97.5
≥ 700	56.8	74.8	80.8	84.6	88.4	89.5	91.2	93.9	94.2	94.8	94.9	95.1	95.7	96.2	97.0	97.6
≥ 600	56.9	74.9	81.1	84.9	88.7	89.8	91.5	94.2	94.5	95.2	95.3	95.4	96.0	96.6	97.3	98.0
≥ 500	56.9	74.9	81.1	84.9	88.8	89.9	91.6	94.3	94.6	95.3	95.5	95.6	96.2	96.8	97.5	98.2
≥ 400	56.9	74.9	81.1	85.2	89.0	90.3	92.3	95.1	95.4	96.1	96.3	96.5	97.1	97.6	98.4	99.0
≥ 300	56.9	74.9	81.1	85.2	89.0	90.3	92.3	95.1	95.4	96.1	96.3	96.5	97.1	97.6	98.5	99.2
≥ 200	56.9	74.9	81.1	85.2	89.0	90.3	92.3	95.1	95.4	96.1	96.3	96.6	97.3	97.8	98.7	99.6
≥ 100	56.9	74.9	81.1	85.2	89.0	90.3	92.3	95.1	95.4	96.1	96.3	96.6	97.3	97.8	98.7	100.0
≥ 0	56.9	74.9	81.1	85.2	89.0	90.3	92.3	95.1	95.4	96.1	96.3	96.6	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	54.2	57.0	58.3	60.0	60.9	61.4	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.2	62.2
≥ 20000	45.3	57.8	60.9	62.6	64.7	65.9	66.5	66.8	66.9	67.0	67.0	67.1	67.2	67.2	67.3	67.3
≥ 18000	45.8	58.9	62.1	63.9	66.0	67.2	67.7	68.1	68.2	68.3	68.3	68.4	68.5	68.5	68.6	68.6
≥ 16000	45.8	59.0	62.2	64.0	66.1	67.3	67.8	68.2	68.3	68.4	68.4	68.5	68.6	68.6	68.7	68.7
≥ 14000	46.3	59.6	62.7	64.6	66.9	68.1	68.6	68.9	69.0	69.1	69.1	69.2	69.4	69.4	69.5	69.5
≥ 12000	47.1	61.6	64.6	66.7	68.9	70.2	70.8	71.1	71.2	71.3	71.3	71.4	71.5	71.5	71.6	71.6
≥ 10000	48.9	63.9	67.0	69.4	71.6	73.0	73.5	74.1	74.2	74.3	74.3	74.4	74.5	74.5	74.6	74.6
≥ 9000	49.0	64.0	67.1	69.6	71.8	73.2	73.8	74.3	74.4	74.5	74.5	74.6	74.7	74.7	74.8	74.8
≥ 8000	50.4	65.8	69.2	72.2	74.6	76.1	76.8	77.3	77.4	77.5	77.5	77.6	77.7	77.7	77.8	77.8
≥ 7000	52.0	68.0	71.5	74.5	77.1	78.6	79.2	79.8	79.9	80.0	80.0	80.1	80.2	80.2	80.3	80.3
≥ 6000	53.1	69.1	72.8	76.1	78.9	80.4	81.1	81.6	81.7	81.8	81.8	81.9	82.0	82.0	82.2	82.2
≥ 5000	54.8	71.3	75.1	78.7	81.5	83.0	83.7	84.2	84.3	84.4	84.4	84.5	84.6	84.6	84.7	84.7
≥ 4500	55.6	72.5	76.2	80.0	82.9	84.4	85.1	85.6	85.7	85.8	85.8	85.9	86.0	86.0	86.1	86.1
≥ 4000	57.0	74.1	78.1	81.8	84.7	86.2	86.9	87.4	87.5	87.6	87.6	87.7	87.8	87.8	88.0	88.0
≥ 3500	58.3	75.5	79.7	83.4	86.5	88.0	88.6	89.1	89.2	89.4	89.4	89.5	89.6	89.6	89.7	89.7
≥ 3000	60.0	77.3	81.6	85.4	88.5	90.0	90.6	91.2	91.4	91.5	91.5	91.6	91.7	91.7	91.8	91.8
≥ 2500	60.8	78.3	82.7	86.5	89.6	91.1	91.7	92.3	92.5	92.6	92.6	92.7	92.8	92.8	92.9	92.9
≥ 2000	61.8	79.6	84.0	88.1	91.2	92.7	93.4	94.0	94.2	94.3	94.3	94.4	94.5	94.5	94.6	94.6
≥ 1800	61.9	79.7	84.1	88.3	91.4	92.9	93.7	94.2	94.4	94.5	94.5	94.6	94.7	94.7	94.8	94.8
≥ 1500	62.9	81.3	86.1	90.3	93.4	94.9	95.7	96.2	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9
≥ 1200	63.3	81.8	86.8	91.0	94.1	95.6	96.3	96.9	97.1	97.2	97.2	97.3	97.4	97.4	97.5	97.5
≥ 1000	63.3	82.3	87.2	91.5	94.6	96.1	96.9	97.5	97.7	97.8	97.8	98.0	98.1	98.1	98.2	98.2
≥ 900	63.3	82.4	87.3	91.6	94.7	96.2	97.0	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.3	98.3
≥ 800	63.3	82.6	87.5	91.8	94.9	96.7	97.4	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7
≥ 700	63.3	82.7	87.6	91.9	95.1	96.8	97.5	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8
≥ 600	63.3	82.8	87.8	92.2	95.3	97.1	97.8	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1
≥ 500	63.3	82.8	87.8	92.2	95.3	97.3	98.1	98.7	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.5
≥ 400	63.3	82.8	88.0	92.3	95.4	97.4	98.2	98.9	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8
≥ 300	63.3	82.8	88.0	92.3	95.4	97.4	98.2	98.9	99.1	99.5	99.5	99.6	99.8	99.8	99.9	99.9
≥ 200	63.3	82.8	88.0	92.3	95.4	97.4	98.2	98.9	99.1	99.5	99.5	99.6	99.8	99.8	99.9	100.0
≥ 100	63.3	82.8	88.0	92.3	95.4	97.4	98.2	98.9	99.1	99.5	99.5	99.6	99.8	99.8	99.9	100.0
0	63.3	82.8	88.0	92.3	95.4	97.4	98.2	98.9	99.1	99.5	99.5	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.6	54.8	56.5	57.3	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	49.8	60.0	61.9	63.4	65.6	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	50.6	61.1	63.1	64.5	66.7	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	50.9	61.4	63.3	64.8	67.0	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	51.4	62.2	64.1	65.6	67.7	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	52.6	63.8	66.3	67.6	69.8	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	53.3	64.8	67.5	69.2	71.4	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	53.4	65.1	67.7	69.5	71.7	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	55.8	67.4	70.1	71.9	74.4	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	57.7	69.7	72.4	74.4	77.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	58.6	71.1	73.9	75.9	78.5	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 5000	60.1	73.3	76.3	78.5	81.2	81.6	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	60.5	74.3	77.3	79.5	82.2	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	62.2	76.3	79.5	81.6	84.3	84.7	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	64.3	78.9	82.3	84.5	87.2	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	67.5	82.8	86.3	88.9	91.8	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	68.9	84.5	88.1	90.8	93.7	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	70.2	86.8	90.4	93.5	96.6	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	70.3	86.9	90.5	93.7	96.7	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	71.0	87.8	91.9	95.2	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	71.1	88.1	92.3	95.6	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	71.1	88.1	92.3	95.6	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	71.1	88.1	92.3	95.6	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	71.1	88.1	92.3	95.6	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	71.1	88.1	92.3	95.6	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	71.1	88.1	92.3	95.6	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	71.1	88.1	92.3	95.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	71.1	88.1	92.3	95.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.1	88.1	92.3	95.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.1	88.1	92.3	95.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.1	88.1	92.3	95.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.1	88.1	92.3	95.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.4	59.2	60.6	61.1	62.8	62.8	62.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	54.7	64.6	66.1	67.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	56.2	66.3	67.8	68.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	56.5	66.6	69.1	68.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	57.2	67.5	69.0	70.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	58.8	69.6	71.3	72.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	59.8	70.5	72.4	74.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	60.3	71.1	72.9	74.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	61.6	72.9	75.2	76.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	64.0	75.6	77.8	79.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	65.6	77.3	79.9	81.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	67.8	80.5	83.2	84.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	68.9	82.3	85.1	87.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	69.8	83.5	86.7	88.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	71.2	85.7	88.9	91.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	73.2	88.3	91.5	93.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	74.2	89.4	92.8	95.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	74.6	90.0	93.4	95.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	74.6	90.0	93.4	95.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.3	99.8
≥ 1500	74.8	90.3	93.9	96.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	74.8	90.4	94.1	96.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	74.9	90.5	94.2	96.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	74.9	90.5	94.2	96.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	75.1	90.6	94.3	96.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.1	90.6	94.3	96.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.6	62.9	63.8	64.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	54.9	66.2	67.3	68.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	56.0	67.4	68.7	69.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	56.2	68.0	69.2	69.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	58.4	70.1	71.5	72.2	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	59.6	72.0	73.5	74.4	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	61.5	74.0	75.5	76.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	61.9	74.4	75.9	76.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	63.3	75.9	77.4	78.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	64.1	77.0	78.6	79.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	65.6	79.2	80.9	81.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	68.2	82.7	84.4	85.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	70.9	85.2	87.3	88.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	72.0	87.4	89.7	90.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	73.8	89.2	91.5	92.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	75.4	91.8	94.3	95.4	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	76.1	92.9	95.4	96.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	76.2	93.2	95.8	97.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	76.2	93.2	95.9	97.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	76.2	93.3	96.0	97.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	76.2	93.3	96.1	97.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	76.2	93.3	96.1	97.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	76.2	93.3	96.1	97.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	76.2	93.3	96.1	97.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	76.2	93.3	96.1	97.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.2	93.3	96.1	97.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	64.6	65.3	66.0	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	55.6	67.2	68.1	68.9	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	55.9	67.5	68.4	69.2	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	55.9	67.5	68.4	69.2	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	56.2	68.2	69.1	70.0	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	57.5	70.1	71.1	72.0	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	60.4	73.3	74.3	75.5	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	60.5	73.4	74.4	75.6	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	62.4	75.5	76.5	77.7	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	63.8	77.4	78.4	79.7	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	66.2	80.3	81.4	82.7	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	70.2	85.3	86.7	88.0	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	72.2	88.2	89.6	90.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	73.0	89.5	90.9	92.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	74.8	91.5	93.0	94.3	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	75.9	93.3	94.8	96.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	76.3	93.9	95.4	96.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	76.5	94.0	95.6	97.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	76.5	94.0	95.6	97.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	76.5	94.1	95.7	97.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	76.5	94.1	95.7	97.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	76.6	94.2	95.8	97.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	76.6	94.2	95.8	97.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	76.6	94.2	95.8	97.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	76.6	94.4	96.0	97.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	76.6	94.4	96.0	97.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	76.6	94.4	96.0	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.6	94.4	96.0	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.6	94.4	96.0	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.6	94.4	96.0	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.6	94.4	96.0	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.6	94.4	96.0	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.3	57.8	59.5	60.7	62.2	62.6	63.0	63.4	63.4	63.5	63.5	63.6	63.7	63.7	63.8	63.9
≥ 20000	50.2	61.6	63.5	64.8	66.7	67.2	67.7	68.2	68.2	68.3	68.4	68.4	68.5	68.6	68.7	68.8
≥ 18000	50.9	62.4	64.3	65.7	67.6	68.1	68.6	69.1	69.2	69.2	69.3	69.3	69.4	69.5	69.6	69.7
≥ 16000	51.0	62.6	64.6	66.0	67.9	68.3	68.9	69.3	69.4	69.5	69.5	69.6	69.7	69.7	69.8	69.9
≥ 14000	51.8	63.6	65.6	67.1	69.1	69.5	70.1	70.6	70.7	70.8	70.8	70.9	71.0	71.1	71.2	71.3
≥ 12000	53.2	65.5	67.6	69.2	71.3	71.8	72.4	72.9	73.0	73.1	73.1	73.1	73.2	73.3	73.4	73.5
≥ 10000	54.9	67.4	69.6	71.4	73.5	74.0	74.6	75.1	75.2	75.3	75.4	75.4	75.5	75.6	75.7	75.8
≥ 9000	55.1	67.7	69.9	71.7	73.8	74.3	74.9	75.5	75.6	75.7	75.7	75.7	75.8	75.9	76.0	76.1
≥ 8000	56.6	69.5	71.9	73.8	76.1	76.7	77.3	77.8	77.9	78.0	78.0	78.1	78.2	78.3	78.4	78.5
≥ 7000	58.2	71.5	74.0	76.0	78.3	78.9	79.5	80.0	80.1	80.2	80.2	80.3	80.4	80.5	80.6	80.7
≥ 6000	59.7	73.4	75.9	78.0	80.3	80.9	81.5	82.1	82.2	82.3	82.3	82.3	82.4	82.5	82.6	82.8
≥ 5000	61.8	76.3	79.0	81.2	83.6	84.2	84.8	85.4	85.5	85.6	85.6	85.7	85.8	85.8	86.0	86.1
≥ 4500	63.6	78.7	81.5	83.8	86.2	86.8	87.5	88.0	88.1	88.2	88.2	88.3	88.4	88.5	88.6	88.8
≥ 4000	64.7	80.3	83.2	85.5	87.9	88.5	89.2	89.7	89.9	90.0	90.0	90.1	90.2	90.3	90.4	90.5
≥ 3500	66.5	82.5	85.5	87.8	90.4	91.0	91.6	92.2	92.3	92.4	92.5	92.5	92.6	92.7	92.8	92.9
≥ 3000	68.2	84.8	87.9	90.3	92.9	93.5	94.2	94.8	94.9	95.1	95.1	95.1	95.2	95.3	95.4	95.5
≥ 2500	68.9	85.8	89.0	91.5	94.1	94.7	95.4	95.9	96.1	96.2	96.3	96.3	96.4	96.5	96.6	96.7
≥ 2000	69.4	86.5	89.8	92.4	95.0	95.6	96.3	96.9	97.0	97.2	97.2	97.2	97.4	97.4	97.5	97.7
≥ 1800	69.4	86.6	89.8	92.5	95.1	95.7	96.4	97.0	97.1	97.3	97.3	97.3	97.4	97.5	97.6	97.8
≥ 1500	69.7	87.1	90.5	93.2	95.8	96.4	97.1	97.7	97.9	98.0	98.0	98.1	98.2	98.3	98.4	98.5
≥ 1200	69.8	87.2	90.7	93.4	96.0	96.7	97.3	97.9	98.1	98.2	98.3	98.3	98.4	98.5	98.6	98.7
≥ 1000	69.8	87.3	90.8	93.5	96.2	96.8	97.5	98.1	98.3	98.4	98.5	98.5	98.6	98.7	98.8	98.9
≥ 900	69.8	87.4	90.9	93.6	96.3	96.9	97.6	98.2	98.3	98.5	98.5	98.5	98.6	98.7	98.8	99.0
≥ 800	69.9	87.4	90.9	93.6	96.3	97.0	97.7	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.9	99.1
≥ 700	69.9	87.5	91.0	93.8	96.5	97.1	97.8	98.4	98.6	98.7	98.7	98.8	98.9	99.0	99.1	99.2
≥ 600	69.9	87.6	91.1	93.9	96.6	97.2	97.9	98.5	98.7	98.8	98.9	98.9	99.0	99.1	99.2	99.3
≥ 500	69.9	87.6	91.2	93.9	96.7	97.4	98.1	98.7	98.9	99.0	99.1	99.1	99.2	99.3	99.4	99.5
≥ 400	69.9	87.6	91.2	94.0	96.8	97.5	98.2	98.8	99.0	99.2	99.2	99.3	99.4	99.4	99.6	99.7
≥ 300	69.9	87.6	91.2	94.0	96.8	97.5	98.2	98.8	99.0	99.2	99.2	99.3	99.4	99.5	99.6	99.7
≥ 200	69.9	87.6	91.2	94.0	96.9	97.5	98.2	98.8	99.0	99.2	99.2	99.3	99.4	99.5	99.7	99.9
≥ 100	69.9	87.6	91.2	94.0	96.8	97.5	98.2	98.8	99.0	99.2	99.2	99.3	99.4	99.6	99.7	100.0
≥ 0	69.9	87.6	91.2	94.0	96.8	97.5	98.2	98.8	99.0	99.2	99.2	99.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.4	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 20000	74.7	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1
≥ 18000	75.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1
≥ 16000	75.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1
≥ 14000	76.0	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1
≥ 12000	76.7	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0
≥ 10000	78.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4
≥ 9000	79.3	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9
≥ 8000	80.7	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9
≥ 7000	81.4	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
≥ 6000	82.1	90.2	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1
≥ 5000	84.6	93.4	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4
≥ 4500	86.1	95.1	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1
≥ 4000	86.8	96.0	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0
≥ 3500	87.8	97.4	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥ 3000	88.7	98.4	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 2500	88.8	98.6	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6
≥ 2000	88.9	98.7	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 1800	88.9	98.7	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 1500	88.9	98.7	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 1200	89.0	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1000	89.0	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 900	89.0	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 800	89.0	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 700	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 600	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 500	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	89.0	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.6	74.7	75.2	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.9	75.9	76.0	76.0	76.0	76.0
≥ 20000	70.9	78.3	78.9	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.6	79.6	79.7	79.7	79.7	79.7
≥ 18000	71.1	78.9	79.4	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3
≥ 16000	71.1	78.9	79.4	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3
≥ 14000	71.6	79.8	80.3	80.3	80.6	80.8	80.8	80.9	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2
≥ 12000	72.4	81.2	81.8	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.7	82.7	82.7	82.7
≥ 10000	74.1	83.9	84.4	84.4	84.7	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.3
≥ 9000	75.2	85.0	85.6	85.6	85.8	86.0	86.0	86.1	86.1	86.1	86.3	86.3	86.4	86.4	86.4	86.4
≥ 8000	75.8	85.9	86.4	86.4	86.7	86.9	86.9	87.0	87.0	87.0	87.2	87.2	87.3	87.3	87.3	87.3
≥ 7000	76.0	86.1	86.7	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.6	87.6	87.6	87.6
≥ 6000	77.6	88.0	88.8	88.8	89.0	89.2	89.2	89.3	89.3	89.3	89.6	89.6	89.7	89.7	89.7	89.7
≥ 5000	79.9	91.3	92.2	92.2	92.4	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1
≥ 4500	81.1	92.9	93.8	93.8	94.0	94.2	94.2	94.3	94.3	94.4	94.7	94.7	94.8	94.8	94.8	94.8
≥ 4000	81.6	94.0	94.9	94.9	95.1	95.3	95.3	95.4	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 3500	83.3	95.9	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8
≥ 3000	84.0	97.0	97.9	97.9	98.1	98.3	98.3	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 2500	84.2	97.2	98.2	98.2	98.4	98.7	98.7	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 2000	84.3	97.4	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1800	84.3	97.4	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1500	84.3	97.4	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.9
≥ 100	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	100.0
≥ 0	84.4	97.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.2	69.9	72.1	72.6	73.4	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.3	74.3	74.8
≥ 20000	61.0	73.0	75.2	75.7	76.6	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.2	77.4	77.4	78.0
≥ 18000	62.1	74.6	76.8	77.2	78.1	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.8	79.0	79.0	79.6
≥ 16000	62.1	74.6	76.8	77.2	78.1	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.8	79.0	79.0	79.6
≥ 14000	62.9	75.4	77.9	78.3	79.2	79.2	79.6	79.7	79.7	79.8	79.8	79.8	79.9	80.1	80.1	80.7
≥ 12000	64.7	77.3	79.8	80.2	81.1	81.1	81.4	81.6	81.6	81.7	81.7	81.7	81.8	82.0	82.0	82.6
≥ 10000	66.1	79.4	81.9	82.4	83.3	83.3	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.2	84.2	84.8
≥ 9000	66.6	80.3	82.8	83.3	84.2	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.9	85.1	85.1	85.7
≥ 8000	67.2	81.3	83.8	84.3	85.3	85.3	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.2	86.2	86.8
≥ 7000	67.8	82.7	85.1	85.7	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.6	87.6	88.1
≥ 6000	69.3	85.3	87.8	88.3	89.3	89.3	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.2	90.2	90.8
≥ 5000	70.6	87.1	89.7	90.3	91.3	91.3	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.2	92.2	92.8
≥ 4500	71.3	88.1	90.8	91.4	92.4	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.4	93.4	94.0
≥ 4000	72.2	89.2	92.0	92.8	93.8	94.0	94.3	94.6	94.6	94.7	94.7	94.7	94.8	95.0	95.0	95.6
≥ 3500	72.8	90.2	93.0	93.9	95.1	95.4	95.8	96.0	96.0	96.1	96.2	96.2	96.3	96.6	96.6	97.1
≥ 3000	73.6	91.3	94.2	95.4	96.7	97.0	97.6	97.8	97.8	97.9	98.0	98.0	98.1	98.3	98.3	98.9
≥ 2500	73.7	91.6	94.4	95.7	96.9	97.3	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.7	98.7	99.2
≥ 2000	73.8	91.7	94.6	95.8	97.1	97.6	98.1	98.3	98.3	98.4	98.6	98.6	98.7	98.9	98.9	99.4
≥ 1800	73.8	91.7	94.6	95.8	97.1	97.6	98.1	98.3	98.3	98.4	98.6	98.6	98.7	98.9	98.9	99.4
≥ 1500	73.8	91.7	94.6	95.8	97.2	97.7	98.2	98.4	98.4	98.6	98.7	98.7	98.8	99.0	99.0	99.6
≥ 1200	73.9	91.8	94.7	95.9	97.3	97.8	98.3	98.6	98.6	98.7	98.8	98.8	98.9	99.1	99.1	99.7
≥ 1000	74.0	91.9	94.8	96.0	97.4	97.9	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.2	99.2	99.8
≥ 900	74.0	91.9	94.8	96.0	97.4	97.9	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.2	99.2	99.8
≥ 800	74.0	91.9	94.8	96.0	97.4	97.9	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.2	99.2	99.8
≥ 700	74.0	91.9	94.8	96.0	97.4	97.9	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.2	99.2	99.8
≥ 600	74.0	91.9	94.8	96.0	97.4	97.9	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.2	99.2	99.8
≥ 500	74.0	92.0	94.9	96.1	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	99.9
≥ 400	74.0	92.0	94.9	96.1	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	99.9
≥ 300	74.0	92.0	94.9	96.1	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	99.9
≥ 200	74.0	92.0	94.9	96.1	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	100.0
≥ 100	74.0	92.0	94.9	96.1	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	100.0
≥ 0	74.0	92.0	94.9	96.1	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.2	70.1	70.7	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	67.6	76.1	77.3	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	68.9	77.4	78.3	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	69.0	77.6	78.4	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	70.3	79.0	79.9	80.3	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	71.3	80.1	81.3	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	72.9	82.0	82.9	83.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	73.3	82.7	83.7	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	74.9	84.3	85.3	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	75.2	84.9	85.9	86.3	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	77.1	87.3	88.3	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	78.0	88.3	89.3	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	78.6	89.1	90.1	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	79.9	90.8	91.8	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	81.2	92.9	93.9	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	82.4	94.8	95.9	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	83.0	95.6	96.7	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	83.4	96.2	97.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	83.4	96.2	97.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	83.7	96.7	97.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	83.7	96.7	97.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	83.7	96.7	97.8	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	83.7	96.7	97.8	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	83.7	96.7	97.8	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	83.7	96.7	97.8	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.7	96.8	97.9	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.1	71.1	71.4	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	71.6	77.1	77.4	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	72.7	78.3	78.7	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	72.7	78.4	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	72.9	78.9	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 12000	74.1	80.1	80.4	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	75.2	81.3	81.7	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	75.6	81.7	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	76.7	83.1	83.4	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	77.0	83.8	84.1	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	78.2	85.3	85.7	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	79.6	87.9	88.3	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
≥ 4500	80.8	89.4	89.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	82.8	91.8	92.2	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	84.4	93.8	94.3	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	86.2	96.3	96.9	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	87.0	97.1	97.7	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	87.1	97.2	97.8	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	87.1	97.2	97.8	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	87.3	97.6	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.3	97.7	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23233 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.4	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	75.3	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	76.0	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	92.9
≥ 16000	76.3	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	77.8	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	78.3	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	80.1	87.1	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
≥ 9000	80.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	81.9	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	82.7	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	83.9	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	85.1	93.0	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	85.9	94.4	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	86.4	95.2	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	87.7	96.9	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	88.4	97.8	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	68.7	98.0	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	88.7	98.0	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	88.8	98.1	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	88.9	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	68.9	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	88.9	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	88.9	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.9	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.9	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.9	98.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 20000	78.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 18000	80.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	80.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	81.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	81.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	82.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	83.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000	84.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	85.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	85.9	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	87.2	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	88.1	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	88.7	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	89.6	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	89.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	90.1	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 20000	78.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 18000	80.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	80.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	81.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	81.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	82.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	83.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000	84.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	85.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	85.9	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	87.2	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	88.1	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	88.7	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	89.6	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	89.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	90.1	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.1	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23233 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	88.2	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 20000	90.3	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 18000	90.8	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	90.8	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 14000	91.1	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 12000	91.7	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 10000	92.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 9000	93.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	94.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	94.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	94.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	94.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	95.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	95.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	95.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	95.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	95.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	95.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	95.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	95.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	95.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	95.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	95.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.5	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 20000	88.2	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 18000	88.2	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 16000	88.2	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	89.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 12000	89.7	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 10000	90.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 9000	90.6	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	91.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	91.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	91.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	92.2	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	92.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4000	92.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	92.3	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	92.4	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	92.4	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.7	99.4	99.9	99.9	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	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.3	86.9	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 20000	77.8	90.8	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 18000	78.3	91.2	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 16000	78.4	91.3	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 14000	79.9	92.8	94.5	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 12000	80.9	93.8	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000	81.6	94.5	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	81.6	94.5	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 8000	82.7	95.7	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 7000	82.8	95.8	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	82.8	95.8	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	83.1	96.1	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	83.4	96.5	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	83.5	96.7	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	83.7	96.8	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	83.8	96.9	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	83.8	96.9	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	83.9	97.0	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	83.9	97.0	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 00	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.2	97.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.2	85.9	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 20000	82.4	90.2	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 18000	83.2	91.1	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 16000	83.2	91.1	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	84.0	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	85.3	93.2	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 10000	86.1	94.1	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	86.5	94.4	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	87.5	95.5	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	87.5	95.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	87.5	95.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5000	88.2	96.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	88.3	96.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	88.8	96.9	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	89.0	97.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	90.0	98.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	90.3	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	98.7	99.7	99.9	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	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.3	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 20000	85.3	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 18000	86.5	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 17000	86.8	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 14000	87.5	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 12000	88.8	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	89.8	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 9000	90.0	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	90.3	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 7000	90.5	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	90.8	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	91.8	96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	92.0	96.9	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	93.7	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	93.9	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	94.3	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.0	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 20000	86.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 18000	86.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 16000	86.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 14000	87.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	88.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	89.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 9000	89.7	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
≥ 8000	90.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	91.0	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
≥ 6000	91.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	92.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	93.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	94.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	94.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	94.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.4	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 20000	87.0	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 18000	87.4	92.4	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
≥ 16000	87.4	92.4	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
≥ 14000	88.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 12000	88.2	93.1	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
≥ 10000	89.4	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 9000	89.5	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	94.9	94.9
≥ 8000	90.4	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	91.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	91.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	92.6	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500	92.8	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	93.1	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	93.5	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	93.8	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	93.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 20000	89.2	93.5	93.5	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
≥ 18000	89.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 16000	89.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 14000	89.8	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 12000	90.3	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 10000	90.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	91.2	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	92.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	92.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	93.0	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	93.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	93.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	94.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	99.9	99.9	99.9	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	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.0	87.8	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 20000	85.8	91.8	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 18000	86.3	92.3	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 16000	86.4	92.4	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 14000	87.1	93.2	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 12000	87.9	94.0	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 10000	88.8	95.0	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	89.1	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	96.0	96.0
≥ 8000	90.0	96.3	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	90.3	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	90.5	96.9	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	91.2	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	91.4	97.8	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	91.8	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	92.0	98.5	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	92.3	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	92.4	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	92.5	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	92.5	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	92.6	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	92.6	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	92.6	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.6	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	99.2	99.7	99.9	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	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 20000	92.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 18000	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 16000	93.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 14000	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 12000	94.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 10000	95.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	95.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 8000	96.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	97.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	97.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	97.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	97.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 20000	90.1	93.2	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
≥ 18000	90.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 16000	90.6	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 14000	91.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 12000	92.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 10000	93.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	93.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	94.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	94.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	95.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	95.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	95.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	95.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	96.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.1	99.4	99.9	99.9	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	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.7	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 20000	83.6	91.1	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 18000	84.0	91.6	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 16000	84.1	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 14000	85.1	92.9	93.6	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
≥ 12000	86.2	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	88.3	96.4	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 9000	88.8	96.9	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	89.7	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	89.7	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	89.8	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	90.1	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	90.3	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	90.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	91.0	99.2	99.9	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
≥ 3000	91.0	99.2	99.9	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
≥ 2500	91.0	99.2	99.9	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
≥ 2000	91.0	99.2	99.9	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
≥ 1800	91.0	99.2	99.9	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
≥ 1500	91.0	99.2	99.9	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
≥ 1200	91.0	99.2	99.9	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
≥ 1000	91.0	99.2	99.9	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
≥ 900	91.0	99.2	99.9	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
≥ 800	91.0	99.2	99.9	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
≥ 700	91.0	99.2	99.9	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
≥ 600	91.0	99.2	99.9	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
≥ 500	91.0	99.2	99.9	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
≥ 400	91.0	99.2	99.9	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
≥ 300	91.0	99.2	99.9	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
≥ 200	91.0	99.2	99.9	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	91.0	99.2	99.9	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
≥ 0	91.0	99.2	99.9	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

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.2	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 20000	86.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 18000	87.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 16000	87.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 14000	88.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 12000	89.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 10000	90.2	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	90.5	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000	91.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	91.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	91.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	92.1	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	92.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	92.9	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	93.0	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	93.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	93.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	93.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	93.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 20000	87.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	88.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 16000	88.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000	89.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 12000	90.2	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000	91.0	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	91.3	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 8000	91.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	91.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	92.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	92.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	92.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	92.9	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	92.9	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	93.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	93.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	93.3	99.3	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
≥ 1800	93.3	99.3	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
≥ 1500	93.3	99.3	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
≥ 1200	93.3	99.3	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
≥ 1000	93.3	99.3	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
≥ 900	93.3	99.3	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
≥ 800	93.3	99.3	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
≥ 700	93.3	99.3	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
≥ 600	93.3	99.3	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
≥ 500	93.3	99.3	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
≥ 400	93.3	99.3	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
≥ 300	93.3	99.3	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
≥ 200	93.3	99.3	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	93.3	99.3	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
≥ 0	93.3	99.3	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

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.8	86.1	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 20000	89.0	93.2	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 18000	90.0	94.2	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 16000	90.0	94.2	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 14000	90.1	94.3	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 12000	91.6	95.8	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	92.4	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	92.4	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	93.2	97.6	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 7000	93.4	97.8	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	93.7	98.0	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	93.8	98.1	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	93.8	98.2	99.3	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	94.2	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	94.2	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	94.2	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	94.2	98.8	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.2	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.1	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 20000	88.2	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 18000	89.2	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 16000	89.2	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 14000	90.0	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 12000	90.4	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000	91.9	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 9000	92.3	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 8000	93.0	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 7000	93.3	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	93.4	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	93.4	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	93.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	93.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	93.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	93.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 20000	91.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 18000	92.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 16000	92.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 14000	93.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 12000	93.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	94.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	94.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	95.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	97.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	97.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 20000	88.7	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 18000	89.3	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	89.4	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
≥ 14000	90.1	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 12000	91.0	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10000	92.2	96.9	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 9000	92.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	93.3	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	93.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	93.7	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	93.8	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	94.0	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	94.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	94.4	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	94.6	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	94.6	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.6	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 20000	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 18000	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 16000	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 14000	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 12000	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 10000	97.5	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 9000	97.5	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 8000	98.0	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	98.4	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.9	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.9	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	92.5	93.0	93.1	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 20000	94.1	94.6	94.7	94.8	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 18000	94.5	95.1	95.2	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 16000	94.6	95.2	95.3	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 14000	95.2	95.7	95.8	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5
≥ 12000	95.8	96.3	96.5	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 10000	97.0	98.0	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 9000	97.0	98.0	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 8000	97.4	98.4	98.5	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 7000	97.7	98.7	98.8	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 6000	97.8	98.8	98.9	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 5000	98.0	98.9	99.0	99 1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 4500	98.1	99.0	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 4000	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 3500	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 3000	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 2500	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 2000	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1800	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1500	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1200	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1000	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 900	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 800	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 700	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	98.2	99.1	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	98.2	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	98.2	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	98.2	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	98.2	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	98.2	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.2	99.1	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.9	92.4	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 20000	88.6	94.1	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 18000	89.0	94.5	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 16000	89.0	94.5	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 14000	89.1	94.6	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 12000	90.1	95.9	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 10000	91.5	97.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 9000	91.5	97.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 8000	91.8	97.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 7000	91.9	97.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	91.9	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	92.0	98.1	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	92.2	98.2	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	92.2	98.2	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	92.2	98.2	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	92.2	98.2	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	92.3	98.3	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	92.3	98.3	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	92.3	98.3	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	92.3	98.3	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	92.3	98.3	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.3	98.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.2	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 20000	91.4	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 18000	91.6	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 16000	91.6	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 14000	92.0	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 12000	93.1	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 10000	93.7	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 9000	93.7	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 8000	93.9	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 7000	93.9	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	94.0	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	94.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	94.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	94.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	94.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	94.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	94.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	94.2	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	94.2	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	94.2	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.3	99.2	99.4	99.9	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	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 59-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	91.6	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 20000	93.2	95.8	96.1	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
≥ 18000	93.3	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 16000	93.3	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 14000	94.6	97.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 12000	95.2	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 10000	95.3	98.4	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 9000	95.3	98.4	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 8000	95.6	98.7	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 7000	95.6	98.7	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	95.7	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	95.7	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	95.7	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	95.8	98.9	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.8	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	>5/16	≥¼	≥0
NO CEILING	91.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 20000	94.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 18000	95.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 16000	95.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 14000	95.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 12000	96.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 10000	97.1	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 9000	97.1	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	97.2	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 7000	97.4	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	97.4	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	97.4	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	99.6	99.8	99.9	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	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	91.4	92.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 20000	93.9	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 18000	94.5	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 16000	94.5	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 14000	95.6	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 12000	96.0	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	96.9	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 9000	96.9	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 8000	97.3	98.7	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 7000	97.4	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	97.6	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	97.6	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	97.6	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	97.6	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 800	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	99.2	99.6	99.9	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	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	95.1	95.2	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
≥ 20000	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 18000	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 16000	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 14000	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 12000	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 10000	98.0	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 9000	98.0	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 8000	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 7000	98.5	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.6	99.7	99.9	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	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	91.7	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	94.0	94.0
≥ 20000	93.4	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 18000	93.8	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 16000	93.8	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 14000	94.4	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 12000	95.1	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	95.9	98.2	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 9000	95.9	98.2	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 8000	96.2	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 7000	96.4	98.7	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	96.5	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 5000	96.6	99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	96.6	99.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	96.7	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 3500	96.7	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	96.7	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	96.7	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	96.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	96.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	96.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	96.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	96.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	96.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	96.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	96.8	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.8	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.8	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.8	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.8	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.8	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 20000	91.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 18000	91.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 16000	91.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 14000	92.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 12000	92.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 10000	93.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	93.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	93.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	93.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	94.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	94.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	95.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	99.7	99.7	99.9	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	95.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	88.7	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 20000	89.9	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 18000	90.0	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 16000	90.2	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 14000	90.9	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 12000	91.7	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 10000	92.8	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	93.0	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	93.5	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 7000	93.7	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	94.2	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 5000	94.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	94.5	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	94.5	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	94.5	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	94.6	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	94.6	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.6	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.6	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.6	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.6	98.7	99.4	99.9	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	94.6	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.6	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.9	86.0	90.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 20000	75.8	88.3	92.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 18000	76.3	88.8	92.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 16000	76.3	88.8	92.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 14000	76.8	89.2	93.3	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 12000	77.5	90.1	94.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10000	78.7	91.4	95.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 9000	78.7	91.4	95.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 8000	79.1	91.8	96.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	79.5	92.2	96.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	79.5	92.4	96.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	80.1	93.2	97.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	80.3	93.9	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	80.3	93.9	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.3	93.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.1	90.6	91.5	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 20000	82.7	93.5	94.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 18000	83.5	94.4	95.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 16000	83.7	94.6	95.5	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 14000	83.9	94.7	95.7	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 12000	84.2	95.2	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 10000	84.8	95.8	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	84.8	95.8	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	84.9	95.9	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	85.4	96.5	97.4	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	85.6	96.7	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	86.2	97.3	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	86.2	97.3	98.4	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	86.2	97.3	98.4	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	86.2	97.3	98.4	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	86.5	97.5	98.6	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.7	97.7	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.8	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 20000	88.0	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 18000	88.2	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 16000	88.2	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 14000	88.5	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 12000	89.0	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 10000	89.0	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 9000	89.0	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 8000	89.4	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	89.8	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	90.1	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	90.5	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	90.5	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	90.5	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	90.8	98.5	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	90.9	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	90.9	98.6	98.9	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	91.0	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.0	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.0	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.0	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.0	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 20000	88.7	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 18000	89.2	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 16000	89.2	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 14000	89.8	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 12000	90.2	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 10000	90.5	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 9000	90.5	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 8000	90.7	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	90.7	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	91.2	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 5000	91.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	91.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	91.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	91.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	91.4	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	91.4	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 20000	88.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 18000	88.5	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
≥ 16000	88.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 14000	89.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 12000	89.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 10000	90.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	90.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 8000	90.7	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 7000	90.7	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	90.8	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	91.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	91.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	91.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	91.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	91.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	91.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	91.0	99.2	99.9	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
≥ 1800	91.0	99.2	99.9	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
≥ 1500	91.0	99.2	99.9	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
≥ 1200	91.0	99.2	99.9	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
≥ 1000	91.0	99.2	99.9	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
≥ 900	91.0	99.2	99.9	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
≥ 800	91.0	99.2	99.9	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
≥ 700	91.0	99.2	99.9	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
≥ 600	91.0	99.2	99.9	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
≥ 500	91.0	99.2	99.9	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
≥ 400	91.0	99.2	99.9	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
≥ 300	91.0	99.2	99.9	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
≥ 200	91.0	99.2	99.9	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	91.0	99.2	99.9	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
≥ 0	91.0	99.2	99.9	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

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 20000	91.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 18000	91.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 16000	91.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 14000	91.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 12000	92.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 10000	92.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	93.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 8000	93.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	93.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	93.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	93.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	94.4	99.8	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
≥ 4000	94.4	99.8	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
≥ 3500	94.4	99.8	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
≥ 3000	94.4	99.8	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
≥ 2500	94.4	99.8	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
≥ 2000	94.4	99.8	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
≥ 1800	94.4	99.8	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
≥ 1500	94.4	99.8	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
≥ 1200	94.4	99.8	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
≥ 1000	94.4	99.8	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
≥ 900	94.4	99.8	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
≥ 800	94.4	99.8	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
≥ 700	94.4	99.8	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
≥ 600	94.4	99.8	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
≥ 500	94.4	99.8	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
≥ 400	94.4	99.8	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
≥ 300	94.4	99.8	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
≥ 200	94.4	99.8	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	94.4	99.8	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
≥ 0	94.4	99.8	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

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.2	91.9	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 20000	87.0	94.2	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 18000	87.3	94.5	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 16000	87.5	94.7	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 14000	87.9	95.1	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 12000	88.5	95.7	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 10000	89.0	96.3	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 9000	89.1	96.4	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	89.4	96.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	89.6	97.1	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6000	89.9	97.5	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	90.2	97.9	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	90.4	98.1	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	90.5	98.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	90.5	98.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	90.5	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	90.6	98.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	90.6	98.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	90.6	98.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.6	98.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.6	98.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	98.3	99.3	99.8	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	90.6	98.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	98.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.8	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 20000	87.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 18000	87.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 16000	87.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 14000	88.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 12000	88.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10000	89.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	89.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 8000	89.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	89.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	90.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	90.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	91.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	91.0	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	91.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	91.0	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	91.0	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	91.0	98.9	99.2	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	91.0	98.9	99.2	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	91.0	98.9	99.2	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	91.0	98.9	99.2	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	91.0	98.9	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	91.0	98.9	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	91.0	98.9	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	91.0	98.9	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	91.0	98.9	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	91.0	98.9	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	91.0	98.9	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.0	98.9	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.0	98.9	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	98.9	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.0	98.9	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.9	93.0	93.2	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 20000	86.9	94.2	94.4	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 18000	86.9	94.2	94.4	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 16000	86.9	94.2	94.4	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 14000	87.1	94.4	94.7	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 12000	87.8	95.2	95.4	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 10000	88.3	95.8	96.0	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 9000	88.6	96.0	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 8000	89.3	96.9	97.1	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	89.3	97.0	97.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	89.7	97.3	97.6	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	90.2	97.9	98.1	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	90.2	97.9	98.1	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	90.2	98.1	98.3	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	90.3	98.2	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	90.3	98.6	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.3	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	81.9	87.0	89.6	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 20000	66.1	83.3	88.6	91.1	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 18000	66.3	83.6	88.8	91.3	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 16000	66.4	83.7	88.9	91.4	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 14000	67.0	84.3	89.6	92.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 12000	68.1	85.6	90.8	93.3	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10000	68.6	86.0	91.2	93.8	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	68.7	86.1	91.3	93.9	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 8000	69.3	86.9	92.1	94.7	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	69.7	87.2	92.4	95.0	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	70.6	88.1	93.3	96.0	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	71.0	88.6	93.8	96.4	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	71.0	88.6	93.8	96.4	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	71.0	88.6	93.8	96.4	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	71.0	88.6	93.8	96.4	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	71.0	88.9	94.1	96.8	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	71.1	89.0	94.2	96.9	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	71.1	89.0	94.2	97.0	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	71.1	89.0	94.2	97.1	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	71.1	89.0	94.2	97.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	71.1	89.0	94.2	97.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	71.1	89.0	94.2	97.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	71.1	89.0	94.2	97.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	71.1	89.0	94.2	97.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	71.1	89.0	94.2	97.2	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	71.1	89.0	94.2	97.2	98.8	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	71.1	89.0	94.2	97.2	98.8	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	71.1	89.0	94.2	97.2	98.8	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	71.1	89.0	94.2	97.2	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	71.1	89.0	94.2	97.2	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	71.1	89.0	94.2	97.2	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
0	71.1	89.0	94.2	97.2	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	88.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 20000	72.1	91.3	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
≥ 18000	72.3	91.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 16000	72.4	91.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000	72.8	92.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 12000	73.8	93.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 10000	74.0	93.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	74.1	93.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	75.0	94.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	75.3	95.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	75.9	96.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	76.1	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	76.4	96.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	76.4	96.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	76.7	97.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	76.7	97.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	76.8	97.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	76.8	97.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	76.8	97.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	76.8	97.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	76.8	97.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.8	97.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.8	97.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.8	97.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	76.8	97.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.8	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 20000	78.7	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	79.0	93.2	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 16000	79.0	93.2	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 14000	79.7	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 12000	79.8	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 10000	80.2	94.9	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 9000	80.2	94.9	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000	81.4	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	81.7	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	82.1	97.2	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	82.4	97.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	82.6	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4000	82.8	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	83.1	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	83.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	83.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	83.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	83.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	83.2	98.7	99.3	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
≥ 1200	83.2	98.7	99.3	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
≥ 1000	83.2	98.7	99.3	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
≥ 900	83.2	98.7	99.3	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
≥ 800	83.2	98.7	99.3	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
≥ 700	83.2	98.7	99.3	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
≥ 600	83.2	98.7	99.3	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
≥ 500	83.2	98.7	99.3	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
≥ 400	83.2	98.7	99.3	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
≥ 300	83.2	98.7	99.3	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
≥ 200	83.2	98.7	99.3	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	83.2	98.7	99.3	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
≥ 0	83.2	98.7	99.3	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

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-79 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 20000	84.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	84.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 16000	85.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 14000	86.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 12000	86.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 10000	86.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	86.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	87.1	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	87.6	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	88.3	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	88.4	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	88.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	88.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	88.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	89.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	89.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	89.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	89.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.1	99.6	99.6	99.8	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	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-79 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.2	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 20000	83.4	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2
≥ 18000	83.9	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 16000	83.9	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 14000	84.6	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 12000	84.6	93.8	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	84.9	94.1	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000	84.9	94.1	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	86.0	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	86.0	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	86.0	96.0	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	87.1	97.3	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	87.4	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	87.7	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	87.8	98.4	99.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	87.8	98.7	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	87.9	98.8	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.9	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.0	98.9	99.4	99.8	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	88.0	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.0	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-79 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 20000	84.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	84.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 16000	84.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 14000	86.3	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 12000	87.0	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10000	87.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 9000	87.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	88.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	88.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	88.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	88.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	89.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	89.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	89.4	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	89.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	89.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	89.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	89.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	89.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.4	99.1	99.7	99.8	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	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,7[illegible]-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.9	89.7	90.8	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 20000	80.5	91.8	93.0	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 18000	80.7	92.1	93.3	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 16000	80.7	92.2	93.3	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000	81.4	93.0	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 12000	82.0	93.7	94.8	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 10000	82.4	94.1	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	82.5	94.2	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	83.3	95.0	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 7000	83.4	95.3	96.5	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	83.8	95.9	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	84.4	96.4	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	84.6	96.7	97.9	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	84.7	97.0	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	84.8	97.1	98.3	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	84.8	97.4	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	84.9	97.4	98.6	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	84.9	97.5	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	84.9	97.5	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	84.9	97.5	98.7	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	84.9	97.5	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	84.9	97.5	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	84.9	97.5	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	84.9	97.5	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	84.9	97.5	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	84.9	97.5	98.7	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	84.9	97.5	98.7	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	84.9	97.5	98.7	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.9	97.5	98.7	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.9	97.5	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.9	97.5	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	84.9	97.5	98.7	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.5	78.9	83.0	84.4	85.9	86.3	86.8	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.5
≥ 20000	50.1	80.4	84.9	86.2	87.7	88.2	88.6	88.9	88.9	88.9	89.1	89.1	89.2	89.2	89.2	89.4
≥ 18000	50.3	80.6	85.1	86.5	88.0	88.4	88.8	89.1	89.1	89.1	89.4	89.4	89.5	89.5	89.5	89.6
≥ 16000	50.3	81.0	85.4	86.8	88.3	88.7	89.1	89.5	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.9
≥ 14000	50.5	81.3	85.7	87.1	88.6	89.0	89.5	89.8	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.2
≥ 12000	51.4	82.8	87.3	88.7	90.2	90.6	91.1	91.4	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.8
≥ 10000	52.5	84.3	88.9	90.3	91.8	92.3	92.7	93.0	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.4
≥ 9000	52.6	84.4	89.0	90.4	91.9	92.4	92.8	93.1	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.5
≥ 8000	54.0	86.0	90.6	92.0	93.5	94.0	94.4	94.7	94.7	94.7	94.9	94.9	95.1	95.1	95.1	95.2
≥ 7000	54.5	86.6	91.3	92.7	94.2	94.6	95.1	95.4	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.8
≥ 6000	54.8	87.0	91.7	93.1	94.6	95.1	95.5	95.8	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.2
≥ 5000	55.5	88.2	92.9	94.3	95.8	96.2	96.7	97.0	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.4
≥ 4500	55.5	88.5	93.2	94.7	96.2	96.7	97.1	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.8
≥ 4000	55.5	88.9	93.7	95.2	96.7	97.1	97.5	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.3
≥ 3500	55.7	89.2	94.1	95.6	97.1	97.5	98.0	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.7
≥ 3000	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 2500	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 2000	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 1800	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 1500	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 1200	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 1000	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 900	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 800	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 700	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 600	55.9	89.6	94.5	96.1	97.7	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 500	55.9	89.6	94.5	96.1	97.7	98.2	98.9	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	55.9	89.6	94.5	96.1	97.7	98.2	98.9	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	55.9	89.6	94.5	96.1	97.7	98.2	98.9	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8
≥ 200	55.9	89.6	94.5	96.1	97.7	98.2	98.9	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	55.9	89.6	94.5	96.1	97.7	98.2	98.9	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	100.0
≥ 0	55.9	89.6	94.5	96.1	97.7	98.2	98.9	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.1	73.0	78.1	81.4	84.3	84.8	86.0	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.9	87.3
≥ 20000	46.5	75.2	80.5	83.9	86.8	87.3	88.5	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.4	89.8
≥ 18000	46.7	75.4	80.8	84.1	87.0	87.5	88.7	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.6	90.0
≥ 16000	46.8	75.8	81.2	84.5	87.4	88.0	89.1	89.7	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.4
≥ 14000	47.4	76.6	81.9	85.3	88.2	88.7	89.9	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.8	91.2
≥ 12000	48.3	77.7	83.1	86.5	89.4	89.9	91.1	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.9	92.4
≥ 10000	48.5	78.3	83.7	87.0	89.9	90.4	91.6	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.9
≥ 9000	48.6	78.4	83.8	87.1	90.0	90.5	91.7	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.6	93.0
≥ 8000	49.4	79.6	84.9	88.4	91.3	91.8	93.0	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.9	94.3
≥ 7000	49.9	80.3	85.7	89.1	92.0	92.6	93.8	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.6	95.1
≥ 6000	50.3	80.9	86.2	89.7	92.6	93.1	94.3	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.6
≥ 5000	51.3	82.5	87.8	91.3	94.2	94.7	95.9	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.8	97.2
≥ 4500	51.3	82.5	88.1	91.4	94.3	94.8	96.0	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.9	97.3
≥ 4000	51.6	82.9	88.5	91.9	94.8	95.4	96.6	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.8
≥ 3500	51.7	83.0	88.6	92.0	94.9	95.5	96.7	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.5	98.0
≥ 3000	51.8	83.1	88.7	92.4	95.3	95.8	97.0	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8	98.3
≥ 2500	51.8	83.1	88.7	92.4	95.3	95.8	97.0	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8	98.3
≥ 2000	51.8	83.3	88.9	92.6	95.5	96.0	97.2	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.5
≥ 1800	51.8	83.3	88.9	92.6	95.5	96.0	97.2	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.5
≥ 1500	51.8	83.3	88.9	92.6	95.5	96.0	97.2	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.5
≥ 1200	51.8	83.3	88.9	92.7	95.6	96.1	97.3	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.6
≥ 1000	51.8	83.3	89.0	92.8	95.8	96.3	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.8
≥ 900	51.8	83.3	89.0	92.8	95.8	96.3	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.8
≥ 800	51.8	83.3	89.2	92.8	95.8	96.3	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.8
≥ 700	51.9	83.4	89.1	92.9	95.9	96.5	97.6	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.9
≥ 600	51.9	83.4	89.1	93.0	96.1	96.7	97.8	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	99.1
≥ 500	51.9	83.4	89.2	93.1	96.2	96.8	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	99.4
≥ 400	51.9	83.4	89.2	93.1	96.2	96.8	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.5
≥ 300	51.9	83.4	89.2	93.1	96.2	96.8	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.5
≥ 200	51.9	83.4	89.2	93.1	96.2	96.8	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.1	99.6
≥ 100	51.9	83.4	89.2	93.1	96.2	96.8	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.5	100.0
≥ 0	51.9	83.4	89.2	93.1	96.2	96.8	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.2	47.6	57.5	66.0	71.8	73.8	77.6	80.8	81.3	82.0	82.6	82.6	82.6	82.6	82.7	82.8
≥ 20000	29.6	50.0	59.9	68.4	74.2	76.1	80.0	83.1	83.7	84.4	84.9	84.9	84.9	84.9	85.1	85.3
≥ 18000	29.6	50.1	60.2	68.7	74.6	76.7	80.5	83.7	84.2	84.9	85.5	85.5	85.5	85.5	85.6	85.8
≥ 16000	29.6	50.1	60.2	69.0	74.9	77.0	80.9	84.0	84.5	85.3	85.8	85.8	85.8	85.8	85.9	86.1
≥ 14000	30.4	51.7	61.9	70.8	76.8	78.8	82.7	85.8	86.3	87.1	87.6	87.6	87.6	87.6	87.7	88.0
≥ 12000	32.6	54.3	64.5	73.3	79.4	81.4	85.3	88.4	88.9	89.7	90.2	90.2	90.2	90.2	90.3	90.5
≥ 10000	33.0	55.2	65.5	74.4	80.4	82.6	86.5	89.6	90.1	90.9	91.4	91.4	91.4	91.4	91.5	91.7
≥ 9000	33.8	56.1	66.5	75.4	81.4	83.5	87.4	90.6	91.2	91.9	92.5	92.5	92.5	92.5	92.6	92.8
≥ 8000	34.6	57.0	67.3	76.3	82.6	84.7	88.7	92.0	92.6	93.3	93.9	93.9	93.9	93.9	94.0	94.2
≥ 7000	34.8	57.4	67.7	76.9	83.1	85.3	89.2	92.6	93.1	93.9	94.4	94.4	94.4	94.4	94.5	94.7
≥ 6000	35.3	57.8	68.3	77.4	83.7	85.8	89.8	93.1	93.7	94.4	94.9	94.9	94.9	94.9	95.1	95.3
≥ 5000	35.6	58.3	68.7	77.8	84.3	86.5	90.4	93.8	94.3	95.1	95.6	95.6	95.6	95.6	95.7	95.9
≥ 4500	35.9	58.6	69.0	78.2	84.7	86.9	90.9	94.2	94.7	95.5	96.0	96.0	96.0	96.0	96.1	96.3
≥ 4000	36.1	58.9	69.4	78.6	85.2	87.4	91.4	94.7	95.3	96.0	96.6	96.6	96.6	96.6	96.7	96.9
≥ 3500	36.2	59.1	69.6	78.8	85.4	87.6	91.6	94.9	95.5	96.2	96.8	96.8	96.8	96.8	96.9	97.1
≥ 3000	36.7	59.6	70.1	79.4	85.9	88.2	92.2	95.5	96.0	96.8	97.3	97.3	97.3	97.3	97.4	97.6
≥ 2500	36.7	59.7	70.2	79.5	86.0	88.3	92.3	95.6	96.1	96.9	97.4	97.4	97.4	97.4	97.5	97.7
≥ 2000	36.7	59.7	70.2	79.5	86.0	88.3	92.5	96.0	96.6	97.3	97.8	97.8	97.8	97.8	98.0	98.2
≥ 1800	36.7	59.7	70.2	79.5	86.0	88.3	92.5	96.0	96.6	97.3	97.8	97.8	97.8	97.8	98.0	98.2
≥ 1500	36.7	59.7	70.2	79.5	86.0	88.3	92.5	96.0	96.6	97.3	97.8	97.8	97.8	97.8	98.0	98.2
≥ 1200	36.8	60.0	70.5	79.8	86.3	88.6	92.8	96.3	96.9	97.6	98.2	98.2	98.2	98.2	98.3	98.5
≥ 1000	36.8	60.0	70.5	79.9	86.5	88.7	92.9	96.5	97.0	97.7	98.3	98.3	98.3	98.3	98.4	98.6
≥ 900	36.8	60.0	70.5	79.9	86.5	88.7	92.9	96.5	97.0	97.7	98.3	98.3	98.3	98.3	98.4	98.6
≥ 800	36.8	60.0	70.5	79.9	86.5	88.7	93.0	96.6	97.1	97.8	98.4	98.4	98.4	98.4	98.5	98.7
≥ 700	36.8	60.0	70.5	79.9	86.5	88.8	93.1	96.7	97.2	98.0	98.5	98.5	98.5	98.5	98.6	98.8
≥ 600	36.8	60.0	70.6	80.0	86.6	88.9	93.2	96.8	97.3	98.1	98.6	98.6	98.6	98.6	98.7	98.9
≥ 500	36.8	60.1	70.9	80.2	86.8	89.1	93.4	97.0	97.5	98.3	98.8	98.8	98.8	98.8	98.9	99.1
≥ 400	36.8	60.2	71.0	80.3	86.9	89.2	93.7	97.2	97.7	98.5	99.0	99.0	99.0	99.0	99.1	99.4
≥ 300	36.8	60.2	71.0	80.3	86.9	89.2	93.7	97.2	97.7	98.6	99.1	99.1	99.1	99.1	99.2	99.5
≥ 200	36.8	60.2	71.0	80.3	86.9	89.2	93.7	97.2	97.7	98.6	99.2	99.2	99.5	99.6	99.7	100.0
≥ 100	36.8	60.2	71.0	80.3	86.9	89.2	93.7	97.2	97.7	98.6	99.2	99.2	99.5	99.6	99.7	100.0
≥ 0	36.8	60.2	71.0	80.3	86.9	89.2	93.7	97.2	97.7	98.6	99.2	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.8	54.8	64.9	73.3	80.1	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 20000	35.9	57.8	68.4	76.8	83.7	85.6	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 18000	36.0	58.3	69.1	77.5	84.5	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
≥ 16000	36.1	58.4	69.2	77.6	84.6	86.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 14000	37.1	59.6	70.4	78.8	85.8	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 12000	37.7	60.9	71.9	80.3	87.3	89.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 10000	38.1	61.5	72.7	81.1	88.2	90.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 9000	38.1	61.6	72.8	81.2	88.3	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 8000	39.5	63.1	74.3	82.7	89.9	91.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 7000	39.8	63.4	74.7	83.1	90.3	92.4	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 6000	39.9	63.5	74.8	83.2	90.4	92.5	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 5000	40.2	63.9	75.3	83.9	91.1	93.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 4500	40.9	64.5	75.9	84.5	91.7	93.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 4000	41.0	64.7	76.2	84.8	92.2	94.2	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 3500	41.1	65.1	76.6	85.2	92.5	94.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 3000	41.8	66.1	77.6	86.2	93.5	95.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
≥ 2500	41.9	66.3	77.8	86.5	93.8	95.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 2000	41.9	66.3	77.8	86.5	93.8	95.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1800	41.9	66.3	77.8	86.5	93.8	95.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1500	42.0	66.5	78.0	86.6	94.0	96.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1200	42.2	66.6	78.1	86.7	94.1	96.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1000	42.2	66.7	78.2	86.8	94.3	96.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 900	42.2	66.7	78.2	86.8	94.3	96.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 800	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	42.2	66.7	78.3	86.9	94.4	96.6	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.2	66.1	75.3	79.9	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 20000	38.7	69.9	79.6	84.4	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	38.7	70.1	79.8	84.6	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	38.9	70.5	80.2	85.1	88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 14000	40.4	72.0	81.7	86.6	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	0.5	90.5
≥ 12000	40.8	73.1	82.8	87.6	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000	41.1	73.8	83.7	88.5	91.9	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	41.7	74.5	84.4	89.4	92.8	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 8000	42.5	76.0	85.9	90.9	94.3	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	42.9	76.7	86.7	91.6	95.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	43.0	76.9	86.9	91.8	95.4	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000	43.1	77.1	87.1	92.0	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	43.3	77.7	87.7	92.7	96.2	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	43.8	78.3	88.3	93.2	96.8	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	44.1	78.6	88.6	93.5	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	44.6	79.6	89.6	94.5	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	44.8	80.0	90.1	95.1	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	44.8	80.0	90.1	95.1	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	44.8	80.0	90.1	95.1	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	44.8	80.0	90.1	95.1	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	44.8	80.0	90.1	95.1	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	44.8	80.2	90.3	95.3	98.8	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	44.8	80.2	90.3	95.3	98.8	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	44.8	80.2	90.3	95.3	98.8	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	44.8	80.2	90.3	95.3	98.8	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.8	80.2	90.3	95.3	98.8	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.0	69.0	76.7	79.1	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 20000	43.0	73.8	81.6	84.6	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	43.8	75.2	83.0	86.1	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	44.1	75.6	83.5	86.8	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 14000	44.8	77.0	85.2	88.4	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 12000	45.8	78.7	86.9	90.1	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 10000	46.5	79.8	88.0	91.3	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 9000	46.8	80.1	88.3	91.6	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 8000	47.7	81.3	89.6	92.9	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 7000	47.8	81.5	89.8	93.1	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 6000	48.4	82.0	90.3	93.7	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 5000	48.9	82.6	90.9	94.2	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 4500	49.5	83.3	91.6	94.9	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 4000	50.0	83.9	92.2	95.5	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 3500	50.3	84.3	92.6	95.9	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 3000	50.4	84.5	92.9	96.1	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2500	50.6	84.7	93.0	96.3	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 2000	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	50.6	84.8	93.1	96.5	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	50.6	84.8	93.1	96.5	98.5	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.9	76.2	81.0	83.5	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 20000	45.8	78.8	84.4	87.0	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 18000	46.0	79.7	85.3	87.8	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	46.2	80.0	85.6	88.2	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 14000	46.7	81.1	86.8	89.4	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 12000	48.0	83.4	89.1	91.7	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 10000	49.0	84.6	90.3	92.9	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 9000	49.0	84.7	90.5	93.1	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	49.9	86.9	92.8	95.4	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	50.5	87.5	93.4	96.0	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	51.1	88.1	94.0	96.6	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	51.4	88.5	94.5	97.1	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	51.7	88.9	94.9	97.5	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4000	51.7	88.9	94.9	97.5	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	51.8	89.1	95.2	97.7	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	51.9	89.2	95.3	97.8	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	51.9	89.2	95.3	97.8	98.7	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	51.9	89.2	95.3	97.8	98.7	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	51.9	89.2	95.3	97.8	98.7	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	51.9	89.4	95.4	98.0	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.2	79.7	82.8	84.5	86.0	86.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 20000	47.4	81.6	85.3	87.0	88.5	88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	47.6	82.0	85.7	87.4	88.9	88.9	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 16000	47.7	82.4	86.1	87.7	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 14000	48.8	83.5	87.2	88.9	90.4	90.4	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 12000	49.5	84.6	88.5	90.3	91.8	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 10000	50.6	86.0	89.9	91.7	93.2	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 9000	50.8	86.1	90.0	91.8	93.3	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	51.8	87.7	91.6	93.4	94.9	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	52.5	88.4	92.3	94.1	95.6	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	52.5	88.7	92.7	94.5	96.0	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	53.1	89.8	93.9	95.7	97.2	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	53.4	90.5	94.6	96.5	98.0	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	53.4	90.8	94.8	96.7	98.2	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	53.8	91.1	95.2	97.0	98.5	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	54.0	91.3	95.4	97.2	98.7	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	54.0	91.3	95.4	97.2	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	54.0	91.3	95.4	97.2	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	54.0	91.3	95.4	97.2	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	54.0	91.3	95.4	97.2	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	54.0	91.3	95.4	97.2	98.9	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	54.0	91.3	95.4	97.2	98.9	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	54.0	91.3	95.4	97.2	98.9	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	54.0	91.3	95.4	97.2	98.9	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	54.0	91.3	95.4	97.2	98.9	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	54.0	91.3	95.4	97.2	98.9	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.3	68.2	74.9	79.0	81.9	82.6	83.7	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 20000	42.1	70.9	78.1	82.3	85.2	86.1	87.0	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9
≥ 18000	42.3	71.4	78.6	82.8	85.9	86.7	87.7	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6
≥ 16000	42.5	71.7	78.9	83.2	86.3	87.0	88.0	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 14000	43.3	72.8	80.1	84.4	87.5	88.2	89.2	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2
≥ 12000	44.2	74.4	81.3	86.1	89.2	89.9	90.9	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.9
≥ 10000	44.9	75.4	82.8	87.2	90.2	91.0	92.0	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0
≥ 9000	45.2	75.8	83.2	87.5	90.6	91.4	92.4	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4
≥ 8000	46.2	77.2	84.6	89.0	92.2	92.9	94.0	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.0
≥ 7000	46.6	77.7	85.2	89.6	92.8	93.5	94.6	95.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.6
≥ 6000	46.9	78.1	85.6	90.0	93.2	94.0	95.0	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0
≥ 5000	47.4	78.8	86.4	90.8	94.0	94.8	95.8	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.9
≥ 4500	47.7	79.3	86.9	91.3	94.5	95.3	96.3	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.4
≥ 4000	47.9	79.7	87.2	91.7	94.9	95.7	96.8	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8
≥ 3500	48.1	79.9	87.5	92.0	95.2	96.0	97.1	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.1
≥ 3000	48.4	80.4	88.0	92.5	95.7	96.6	97.6	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.7
≥ 2500	48.5	80.5	88.1	92.6	95.9	96.7	97.9	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.0
≥ 2000	48.5	80.5	88.2	92.6	95.9	96.8	98.0	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 1800	48.5	80.5	88.2	92.6	95.9	96.8	98.0	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 1500	48.5	80.6	88.2	92.7	96.0	96.8	98.0	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1200	48.5	80.6	88.3	92.7	96.1	96.9	98.1	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 1000	48.5	80.7	88.3	92.8	96.2	97.0	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 900	48.5	80.7	88.3	92.8	96.2	97.0	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 800	48.5	80.7	88.3	92.8	96.2	97.0	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.5
≥ 700	48.5	80.7	88.3	92.8	96.2	97.0	98.3	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	48.5	80.7	88.3	92.9	96.2	97.1	98.3	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.6
≥ 500	48.5	80.7	88.4	92.9	96.3	97.1	98.5	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 400	48.5	80.7	88.4	92.9	96.3	97.1	98.5	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 300	48.5	80.7	88.4	92.9	96.3	97.1	98.5	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	48.5	80.7	88.4	92.9	96.3	97.1	98.5	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 100	48.5	80.7	88.4	92.9	96.3	97.1	98.5	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	100.0
≥ 0	48.5	80.7	88.4	92.9	96.3	97.1	98.5	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-79 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.9	40.1	43.9	47.1	50.9	54.2	57.6	61.4	62.8	65.1	66.3	66.7	67.3	67.8	68.3	70.4
≥ 20000	23.1	40.8	44.6	47.8	51.6	54.9	58.4	62.4	63.8	66.2	67.4	67.8	68.4	68.9	69.4	71.7
≥ 18000	23.3	41.0	44.8	48.0	51.8	55.1	58.7	62.7	64.0	66.4	67.7	68.0	68.9	69.3	69.9	72.1
≥ 16000	23.3	41.0	44.8	48.0	51.8	55.1	58.7	62.7	64.0	66.4	67.7	68.0	68.9	69.3	69.9	72.1
≥ 14000	24.0	41.7	45.4	48.7	52.6	55.9	59.8	63.8	65.1	67.6	68.8	69.1	70.0	70.4	71.0	73.2
≥ 12000	25.2	43.3	47.1	50.7	54.6	57.9	61.8	65.8	67.1	69.6	70.8	71.1	72.0	72.4	73.0	75.2
≥ 10000	26.6	45.2	49.0	52.6	56.4	59.8	63.7	67.8	69.2	71.7	73.0	73.3	74.2	74.7	75.2	77.4
≥ 9000	26.8	45.8	49.6	53.1	57.0	60.3	64.2	68.3	69.8	72.2	73.6	73.9	74.8	75.2	75.8	78.0
≥ 8000	27.1	46.8	50.7	54.2	58.1	61.4	65.4	69.6	71.0	73.4	74.8	75.1	76.0	76.4	77.0	79.2
≥ 7000	27.8	47.7	51.6	55.2	59.1	62.4	66.4	70.6	72.0	74.4	75.8	76.1	77.0	77.4	78.0	80.2
≥ 6000	28.2	48.6	52.4	56.1	60.0	63.3	67.3	71.4	72.9	75.3	76.7	77.0	77.9	78.3	79.9	81.1
≥ 5000	29.8	50.7	54.9	58.7	62.7	66.0	70.0	74.1	75.6	78.0	79.3	79.7	80.6	81.0	81.6	83.8
≥ 4500	30.7	52.1	56.7	60.8	64.8	68.1	72.1	76.2	77.7	80.1	81.4	81.8	82.7	83.1	83.7	85.9
≥ 4000	31.2	53.2	57.9	62.0	66.0	69.3	73.3	77.4	78.9	81.3	82.7	83.0	83.9	84.3	84.9	87.1
≥ 3500	31.8	53.9	58.7	62.9	66.9	70.2	74.2	78.4	79.9	82.3	83.7	84.0	84.9	85.3	85.9	88.1
≥ 3000	32.3	55.0	59.9	64.2	68.2	71.7	75.7	79.9	81.3	83.8	85.1	85.4	86.3	86.8	87.3	89.6
≥ 2500	32.3	55.3	60.2	64.6	68.6	72.0	76.0	80.2	81.7	84.1	85.4	85.8	86.7	87.1	87.7	89.9
≥ 2000	32.7	56.0	61.0	65.6	69.6	73.1	77.3	81.7	83.2	85.7	87.1	87.4	88.3	88.8	89.3	91.6
≥ 1800	32.7	56.1	61.1	65.7	69.7	73.2	77.4	81.8	83.3	85.8	87.2	87.6	88.4	88.9	89.4	91.7
≥ 1500	32.7	56.2	61.3	66.1	70.1	73.7	77.9	82.2	83.8	86.2	87.7	88.0	88.9	89.3	89.9	92.1
≥ 1200	32.7	56.2	61.4	66.3	70.3	73.9	78.1	82.4	84.0	86.6	88.0	88.3	89.2	89.7	90.2	92.4
≥ 1000	32.7	56.3	61.6	66.4	70.4	74.0	78.2	82.6	84.1	86.7	88.1	88.4	89.3	89.8	90.3	92.6
≥ 900	32.7	56.6	61.9	67.3	71.4	75.0	79.2	83.6	85.1	87.7	89.1	89.4	90.3	90.8	91.3	93.6
≥ 800	32.7	56.8	62.2	67.7	71.9	75.4	79.7	84.0	85.7	88.2	89.7	90.0	90.9	91.3	91.9	94.1
≥ 700	32.7	56.8	62.3	67.9	72.2	75.8	80.0	84.3	86.0	88.6	90.0	90.3	91.2	91.7	92.2	94.4
≥ 600	32.7	56.8	62.3	68.1	72.4	76.1	80.3	85.1	86.8	89.3	90.8	91.1	92.0	92.4	93.0	95.2
≥ 500	32.7	56.8	62.3	68.1	72.4	76.1	80.3	86.2	87.9	90.4	91.9	92.2	93.1	93.6	94.1	96.3
≥ 400	32.7	56.8	62.4	68.2	72.7	76.4	80.7	86.7	88.4	91.0	92.4	92.8	93.7	94.1	94.7	96.9
≥ 300	32.7	56.8	62.4	68.2	72.7	76.4	80.8	86.8	88.7	91.3	92.8	93.2	94.1	94.7	95.4	97.8
≥ 200	32.7	56.8	62.4	68.2	72.7	76.4	80.8	86.8	88.7	91.3	92.8	93.2	94.1	94.7	95.6	98.6
≥ 100	32.7	56.8	62.4	68.2	72.7	76.4	80.8	86.8	88.7	91.4	92.9	93.3	94.2	94.9	96.0	99.6
≥ 0	32.7	56.8	62.4	68.2	72.7	76.4	80.8	86.8	88.7	91.4	92.9	93.3	94.2	94.9	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.1	35.0	38.9	42.9	46.1	48.7	51.3	54.9	55.8	57.6	60.0	60.7	61.7	62.8	63.4	67.0
≥ 20000	20.9	37.1	41.1	45.4	48.7	51.2	53.9	57.9	58.8	60.6	63.0	63.7	64.8	66.0	66.7	70.2
≥ 18000	20.9	37.1	41.1	45.4	48.7	51.2	53.9	57.9	58.8	60.6	63.0	63.7	64.8	66.0	66.7	70.2
≥ 16000	21.0	37.2	41.2	45.6	48.8	51.3	54.0	58.0	58.9	60.7	63.1	63.8	64.9	66.1	66.8	70.3
≥ 14000	21.6	37.9	41.9	46.2	49.4	52.2	54.9	58.9	59.8	61.6	64.0	64.7	65.8	67.0	67.7	71.2
≥ 12000	22.2	39.0	43.3	47.7	50.9	53.7	56.3	60.3	61.2	63.0	65.4	66.1	67.2	68.4	69.1	72.7
≥ 10000	22.6	39.4	43.4	48.2	51.6	54.3	57.0	61.0	61.9	63.7	66.1	66.8	67.9	69.1	69.8	73.3
≥ 9000	23.0	40.3	44.3	49.1	52.4	55.2	57.9	61.9	62.8	64.6	67.0	67.7	68.8	70.0	70.7	74.2
≥ 8000	24.3	42.8	46.8	51.6	55.1	57.9	60.6	64.6	65.4	67.2	69.7	70.3	71.4	72.7	73.3	76.9
≥ 7000	24.8	43.3	47.3	52.1	55.9	58.7	61.3	65.3	66.2	68.0	70.4	71.1	72.2	73.4	74.1	77.7
≥ 6000	25.2	44.0	48.0	52.8	56.6	59.3	62.0	66.0	66.9	68.7	71.1	71.8	72.9	74.1	74.8	78.3
≥ 5000	26.2	45.6	49.7	54.4	58.2	61.0	63.7	67.8	68.7	70.4	72.9	73.6	74.7	75.9	76.6	80.1
≥ 4500	27.1	47.0	51.4	56.7	60.4	63.2	65.9	70.0	70.9	72.7	75.1	75.8	76.9	78.1	78.8	82.3
≥ 4000	27.9	48.0	52.4	57.7	61.6	64.3	67.0	71.1	72.0	73.8	76.2	76.9	78.0	79.2	79.9	83.4
≥ 3500	28.3	48.7	53.1	58.4	62.3	65.1	67.8	72.0	72.9	74.7	77.1	77.8	78.9	80.1	80.8	84.3
≥ 3000	29.0	49.8	54.2	59.7	63.6	66.3	69.0	73.3	74.2	76.0	78.4	79.1	80.2	81.4	82.1	85.7
≥ 2500	29.2	50.1	54.6	60.1	64.0	66.9	69.6	73.9	74.8	76.6	79.0	79.7	80.8	82.0	82.7	86.2
≥ 2000	29.4	50.3	54.9	60.3	64.3	67.4	70.2	74.6	75.4	77.2	79.7	80.3	81.4	82.7	83.3	86.9
≥ 1800	29.4	50.3	54.8	60.3	64.3	67.4	70.2	74.6	75.6	77.4	79.9	80.6	81.7	82.9	83.6	87.1
≥ 1500	29.4	50.7	55.3	61.3	65.3	68.4	71.2	75.6	76.7	78.6	81.0	81.7	82.8	84.0	84.7	88.2
≥ 1200	29.4	50.8	55.6	61.6	65.6	68.7	71.4	75.8	76.9	78.8	81.2	81.9	83.0	84.2	84.9	88.4
≥ 1000	29.4	51.1	55.9	61.9	65.9	69.0	71.9	76.2	77.3	79.2	81.7	82.3	83.4	84.7	85.3	88.9
≥ 900	29.4	51.4	56.2	62.3	66.3	69.4	72.4	77.0	78.1	80.0	82.4	83.1	84.2	85.4	86.1	89.7
≥ 800	29.4	51.4	56.2	62.3	66.4	69.6	72.6	77.1	78.2	80.1	82.6	83.2	84.3	85.6	86.2	89.8
≥ 700	29.4	51.6	56.3	62.7	67.0	70.1	73.1	77.7	78.8	80.7	83.1	83.8	84.9	86.1	86.8	90.3
≥ 600	29.4	51.6	56.3	62.9	67.7	70.8	73.8	78.4	79.6	81.4	83.9	84.6	85.7	86.9	87.6	91.1
≥ 500	29.4	51.6	56.3	62.9	67.7	70.9	73.9	79.4	80.7	82.7	85.1	85.8	86.9	88.1	88.8	92.3
≥ 400	29.4	51.6	56.3	62.9	67.9	71.1	74.2	79.9	81.1	83.1	85.6	86.2	87.4	88.7	89.3	92.9
≥ 300	29.4	51.6	56.3	62.9	67.9	71.2	74.3	80.1	81.4	83.6	86.0	86.9	88.1	89.3	90.1	94.0
≥ 200	29.4	51.6	56.3	62.9	67.9	71.2	74.3	80.1	81.4	83.9	86.4	87.3	88.7	89.9	90.8	96.0
≥ 100	29.4	51.6	56.3	62.9	67.9	71.2	74.3	80.1	81.4	83.9	86.6	87.4	89.0	90.2	91.6	98.9
≥ 0	29.4	51.6	56.3	62.9	67.9	71.2	74.3	80.1	81.4	83.9	86.6	87.4	89.0	90.2	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.8	25.3	29.7	33.9	38.7	41.0	43.6	47.0	47.9	50.6	51.6	51.9	52.9	54.1	54.4	58.0
≥ 20000	16.8	26.9	31.3	36.1	41.2	43.8	46.9	50.4	51.6	54.3	55.3	55.7	56.8	58.1	58.4	62.8
≥ 18000	16.9	27.3	31.8	36.6	41.7	44.2	47.3	50.9	52.0	54.9	56.2	56.6	57.7	59.0	59.3	63.7
≥ 16000	17.0	27.4	31.9	36.7	41.8	44.4	47.6	51.2	52.3	55.2	56.6	56.9	58.0	59.3	59.7	64.0
≥ 14000	17.3	27.9	32.4	37.2	42.4	45.1	48.2	51.9	53.0	55.9	57.2	57.6	58.7	60.0	60.3	64.7
≥ 12000	18.6	29.8	34.4	39.3	44.6	47.3	50.8	54.6	55.7	58.6	59.9	60.2	61.3	62.7	63.0	67.3
≥ 10000	19.8	31.2	35.9	40.9	46.3	49.2	52.8	56.7	57.8	60.7	62.0	62.3	63.4	64.8	65.1	69.4
≥ 9000	20.6	32.2	36.9	41.9	47.4	50.3	53.9	57.8	58.9	61.8	63.1	63.4	64.6	65.9	66.2	70.6
≥ 8000	21.3	33.7	38.3	43.6	49.3	52.2	55.9	59.9	61.0	63.9	65.3	65.7	66.8	68.1	68.4	72.8
≥ 7000	21.9	34.6	39.3	44.7	50.4	53.3	57.1	61.2	62.3	65.2	66.7	67.0	68.1	69.4	69.8	74.1
≥ 6000	22.4	35.4	40.2	45.7	51.4	54.3	58.1	62.2	63.3	66.2	67.7	68.0	69.1	70.4	70.8	75.1
≥ 5000	23.0	36.2	41.0	46.4	52.4	55.3	59.1	63.2	64.3	67.2	68.7	69.0	70.1	71.4	71.8	76.1
≥ 4500	23.3	36.9	42.0	47.4	53.4	56.3	60.1	64.2	65.3	68.3	69.8	70.1	71.2	72.6	72.9	77.2
≥ 4000	23.9	37.8	42.9	48.3	54.3	57.2	61.0	65.1	66.2	69.3	70.8	71.1	72.2	73.6	73.9	78.2
≥ 3500	24.3	38.7	44.1	49.6	55.7	58.6	62.3	66.4	67.6	70.7	72.1	72.4	73.6	74.9	75.2	79.6
≥ 3000	24.7	39.3	45.2	50.8	57.1	60.1	64.0	68.2	69.3	72.4	73.9	74.2	75.3	76.7	77.0	81.3
≥ 2500	24.8	39.4	45.3	50.9	57.2	60.2	64.2	68.6	69.7	72.9	74.3	74.7	75.8	77.1	77.4	81.8
≥ 2000	24.8	39.6	45.6	51.1	57.6	60.6	64.6	68.9	70.0	73.3	74.9	75.2	76.4	77.8	78.1	82.4
≥ 1800	25.0	39.8	45.8	51.3	57.8	60.8	64.8	69.1	70.2	73.6	75.1	75.4	76.7	78.0	78.3	82.7
≥ 1500	25.1	40.1	46.1	51.8	58.2	61.2	65.3	69.8	70.9	74.2	75.8	76.1	77.3	78.7	79.0	83.3
≥ 1200	25.2	40.3	46.3	52.1	58.6	61.8	65.9	70.3	71.4	74.8	76.3	76.7	77.9	79.2	79.6	83.9
≥ 1000	25.2	40.6	46.6	52.4	58.9	62.3	66.4	70.9	72.0	75.6	77.1	77.4	78.7	80.0	80.3	84.7
≥ 900	25.4	40.9	47.0	53.0	59.4	62.9	67.1	71.7	72.8	76.3	77.9	78.2	79.4	80.8	81.1	85.4
≥ 800	25.4	40.9	47.0	53.1	59.8	63.2	67.4	72.0	73.1	76.7	78.2	78.6	79.8	81.1	81.4	85.8
≥ 700	25.4	41.0	47.1	53.4	60.1	63.8	68.1	72.9	74.0	77.6	79.1	79.4	80.7	82.0	82.3	86.7
≥ 600	25.4	41.0	47.1	53.7	60.6	64.7	69.2	74.2	75.3	78.9	80.4	80.8	82.0	83.3	83.7	88.0
≥ 500	25.4	41.0	47.1	53.8	60.7	64.8	69.6	74.9	76.0	79.9	81.4	81.8	83.0	84.3	84.7	89.6
≥ 400	25.4	41.0	47.1	53.8	60.8	64.9	69.7	75.2	76.3	80.2	81.8	82.3	83.7	85.0	85.3	90.2
≥ 300	25.4	41.0	47.1	53.8	61.0	65.1	69.9	75.7	77.0	81.2	83.0	83.6	85.2	87.0	87.4	93.0
≥ 200	25.4	41.0	47.1	53.8	61.0	65.1	69.9	75.7	77.0	81.3	83.1	83.8	85.7	87.4	88.0	96.3
≥ 100	25.4	41.0	47.1	53.8	61.0	65.1	69.9	75.7	77.0	81.6	83.4	84.1	86.1	88.1	88.7	99.3
≥ 0	25.4	41.0	47.1	53.8	61.0	65.1	69.9	75.7	77.0	81.6	83.4	84.1	86.1	88.1	88.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.3	27.0	32.0	37.2	45.3	48.6	52.2	56.2	56.3	57.4	57.9	58.2	58.4	58.7	59.3	60.7
≥ 20000	19.1	28.4	33.8	39.0	47.4	51.0	54.9	59.1	59.2	60.6	61.1	61.6	61.8	62.0	62.8	64.6
≥ 18000	19.2	28.9	34.3	39.6	48.0	51.6	55.6	60.0	60.1	61.4	62.0	62.4	62.7	62.9	63.7	65.4
≥ 16000	19.2	28.9	34.3	39.6	48.0	51.6	55.6	60.0	60.1	61.4	62.0	62.4	62.7	62.9	63.7	65.4
≥ 14000	19.7	29.6	35.1	40.6	49.1	52.8	56.9	61.7	61.9	63.2	63.8	64.2	64.4	64.7	65.4	67.2
≥ 12000	20.1	30.7	36.4	42.2	51.1	54.9	59.1	64.0	64.2	65.6	66.1	66.6	66.8	67.0	67.8	69.7
≥ 10000	21.2	32.1	37.9	43.7	52.7	56.6	60.8	65.8	66.0	67.3	67.9	68.3	68.6	68.8	69.6	71.4
≥ 9000	21.4	32.3	38.1	44.1	53.3	57.2	61.4	66.4	66.7	68.0	68.6	69.0	69.2	69.4	70.2	72.1
≥ 8000	22.2	33.7	39.4	45.4	54.9	58.8	63.0	68.0	68.2	69.6	70.1	70.6	70.8	71.0	71.8	73.7
≥ 7000	23.3	34.8	40.7	46.8	56.4	60.3	64.6	69.9	70.1	71.4	72.0	72.4	72.7	72.9	73.7	75.6
≥ 6000	24.2	36.0	41.9	48.0	57.7	61.6	65.8	71.1	71.3	72.7	73.2	73.7	73.9	74.1	74.9	76.8
≥ 5000	25.1	37.6	43.6	49.7	59.6	63.4	67.8	73.1	73.3	74.7	75.2	75.7	75.9	76.1	76.9	78.8
≥ 4500	25.6	38.3	44.3	50.4	60.3	64.2	68.6	73.9	74.1	75.4	76.0	76.4	76.7	76.9	77.7	79.6
≥ 4000	25.9	39.1	45.1	51.2	61.2	65.2	69.6	74.9	75.2	76.6	77.1	77.6	77.8	78.0	78.8	80.7
≥ 3500	26.7	40.2	46.2	52.3	62.4	66.4	70.8	76.1	76.4	77.8	78.3	78.8	79.0	79.2	80.0	81.9
≥ 3000	27.2	41.4	47.8	54.0	64.1	68.1	72.4	77.8	78.1	79.4	80.0	80.4	80.7	80.9	81.7	83.6
≥ 2500	27.3	41.9	48.2	54.6	64.8	68.9	73.2	78.6	78.9	80.2	80.8	81.2	81.4	81.7	82.4	84.3
≥ 2000	27.4	42.1	48.4	54.8	65.1	69.2	73.7	79.0	79.7	81.0	81.7	82.1	82.3	82.6	83.3	85.2
≥ 1800	27.4	42.2	48.6	54.9	65.2	69.3	73.8	79.1	79.8	81.1	81.8	82.2	82.4	82.7	83.4	85.3
≥ 1500	27.4	42.2	48.6	54.9	65.3	69.4	74.0	79.6	80.2	81.6	82.2	82.7	82.9	83.1	83.9	85.8
≥ 1200	28.0	43.0	49.3	55.7	66.3	70.6	75.2	80.8	81.4	82.8	83.4	83.9	84.1	84.3	85.1	87.0
≥ 1000	28.2	43.2	49.6	56.0	66.8	71.1	76.0	81.9	82.6	84.2	84.9	85.3	85.6	85.8	86.6	88.4
≥ 900	28.7	43.7	50.0	56.6	67.4	71.8	76.8	82.7	83.3	85.0	85.7	86.1	86.3	86.6	87.3	89.2
≥ 800	28.8	44.0	50.3	56.9	68.2	72.6	77.8	83.8	84.4	86.1	86.9	87.3	87.6	87.8	88.6	90.4
≥ 700	28.8	44.0	50.3	57.0	68.7	73.2	78.7	85.0	85.7	87.3	88.2	88.7	89.9	89.1	89.9	91.8
≥ 600	28.8	44.1	50.6	57.3	69.2	74.0	79.4	86.1	86.8	88.4	89.3	89.8	90.0	90.2	91.0	93.0
≥ 500	28.8	44.2	50.7	57.4	69.4	74.7	80.3	87.1	87.9	89.8	90.7	91.3	91.6	91.8	92.6	94.6
≥ 400	28.8	44.2	50.7	57.4	69.4	74.7	80.3	87.2	88.1	90.2	91.4	92.4	92.8	93.1	94.0	96.2
≥ 300	28.8	44.2	50.7	57.4	69.4	74.7	80.3	87.8	88.7	90.8	92.0	93.0	93.4	94.0	95.0	98.2
≥ 200	28.8	44.2	50.7	57.4	69.4	74.7	80.3	87.8	88.7	90.8	92.1	93.1	93.7	94.2	95.2	99.4
≥ 100	28.8	44.2	50.7	57.4	69.4	74.7	80.3	87.8	88.7	90.8	92.2	93.2	93.8	94.3	95.3	100.0
≥ 0	28.8	44.2	50.7	57.4	69.4	74.7	80.3	87.8	88.7	90.8	92.2	93.2	93.8	94.3	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.1	32.2	38.8	46.1	56.7	59.2	61.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	23.2	34.3	41.9	49.9	61.8	64.4	67.0	69.1	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	23.6	34.7	42.7	50.7	62.6	65.4	68.0	70.1	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	23.6	34.7	42.7	50.7	62.8	65.7	68.2	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	23.7	34.9	43.4	51.6	64.0	67.0	69.6	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	23.9	35.4	44.3	52.7	65.8	69.0	71.6	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	25.8	37.6	46.4	54.8	68.1	71.6	74.1	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	26.4	38.3	47.2	55.6	68.9	72.3	74.9	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	27.0	39.2	48.4	56.9	70.7	74.1	76.7	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	28.6	40.9	50.2	58.7	72.4	76.0	78.6	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	29.8	42.3	51.8	60.2	74.0	77.6	80.1	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	30.3	43.7	53.1	61.6	75.3	78.9	81.4	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	30.3	43.9	53.3	61.8	75.6	79.1	81.7	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	30.6	44.1	53.6	62.2	76.4	80.0	82.6	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	31.3	45.3	54.9	63.7	77.9	81.4	84.0	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	32.8	47.4	57.1	65.9	80.1	83.7	86.2	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	33.6	48.7	58.3	67.1	81.3	84.9	87.4	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	34.4	49.8	59.4	68.3	82.8	86.3	89.1	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	34.4	49.8	59.4	68.3	82.8	86.3	89.2	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	34.9	50.7	60.3	69.2	83.7	87.3	90.6	93.1	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	35.1	50.9	60.7	69.6	84.2	88.0	91.2	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	35.1	50.9	60.7	69.9	85.4	89.4	93.0	95.8	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	35.2	51.0	60.9	70.2	86.0	90.1	93.7	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	35.2	51.1	61.0	70.3	86.4	90.8	94.4	97.4	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	35.2	51.3	61.2	70.6	86.8	91.2	95.0	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	35.2	51.3	61.3	70.7	87.0	91.6	95.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.7	36.4	43.9	52.6	61.4	63.4	65.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	25.3	38.2	46.9	55.8	65.6	67.6	70.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	25.8	38.7	47.4	56.4	66.4	68.4	71.1	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	25.8	38.7	47.8	56.9	66.9	68.9	71.7	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	26.6	39.6	48.8	58.4	69.0	71.7	74.6	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	27.8	41.6	51.2	61.3	71.9	74.6	77.6	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	29.6	43.9	53.8	63.9	74.8	77.4	80.4	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	29.9	44.2	54.1	64.2	75.1	77.8	80.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	30.2	45.1	55.3	65.4	76.9	79.6	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	31.3	46.7	56.9	67.0	78.4	81.1	84.1	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	32.0	47.6	57.8	68.1	79.6	82.2	85.2	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	32.8	48.4	58.8	69.2	81.3	84.0	87.0	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	33.9	49.6	59.9	70.3	82.4	85.1	88.1	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	34.3	50.4	60.9	71.6	83.9	86.6	89.6	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	34.7	51.0	61.4	72.2	84.6	87.2	90.2	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	35.3	52.0	62.8	73.9	86.3	89.0	92.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	35.4	52.2	63.0	74.2	86.9	89.6	92.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	35.8	52.7	63.6	74.9	87.6	90.2	93.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	35.8	52.8	63.7	75.0	87.7	90.3	93.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	35.8	53.0	63.9	75.2	88.6	91.4	95.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	35.8	53.1	64.0	75.8	89.6	92.4	96.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	35.8	53.2	64.6	76.8	91.1	94.0	97.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	35.8	53.2	64.7	76.9	91.2	94.1	98.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	35.8	53.2	64.7	76.9	91.2	94.1	98.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	35.8	53.2	64.7	77.0	91.3	94.2	98.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¾	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.6	42.1	49.0	55.4	63.2	64.8	66.9	68.7	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.4
≥ 20000	26.2	43.6	50.6	57.1	65.6	67.2	69.3	71.4	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.2
≥ 18000	26.3	43.9	50.9	57.4	65.9	67.6	69.7	71.8	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.6
≥ 16000	26.3	44.0	51.3	57.6	66.3	68.0	70.2	72.3	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.1
≥ 14000	27.0	45.2	52.7	59.3	68.2	70.2	72.6	74.7	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.4
≥ 12000	27.8	46.2	54.1	60.9	69.9	72.1	74.4	76.6	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.3
≥ 10000	29.4	48.0	55.9	62.8	72.4	74.7	77.0	79.1	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.9
≥ 9000	29.7	48.4	56.3	63.2	72.9	75.1	77.4	79.6	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.3
≥ 8000	30.3	49.7	57.7	64.7	74.4	77.0	79.3	81.4	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.2
≥ 7000	31.2	51.3	59.3	66.3	76.1	78.7	81.0	83.1	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.9
≥ 6000	32.1	52.6	60.8	67.8	77.6	80.1	82.4	84.6	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.3
≥ 5000	33.1	54.6	63.1	70.2	8 .2	82.9	85.2	87.3	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.1
≥ 4500	33.3	55.1	63.7	70.8	81.1	83.8	86.1	88.2	88.3	88.8	38.9	88.9	88.9	88.9	88.9	89.0
≥ 4000	33.6	55.7	64.4	71.6	82.0	84.8	87.1	89.2	89.3	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 3500	34.3	57.0	65.8	72.9	83.4	86.2	88.6	90.7	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.4
≥ 3000	35.0	58.2	67.3	74.1	85.1	87.9	90.2	92.3	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 2500	35.0	58.8	67.6	74.7	85.8	88.6	90.9	93.1	93.3	93.8	93.9	93.9	93.9	93.9	93.9	94.0
≥ 2000	35.0	59.0	67.8	74.9	86.1	89.0	91.3	93.6	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.4
≥ 1800	35.0	59.0	67.8	74.9	86.1	89.0	91.3	93.8	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.7
≥ 1500	35.0	59.3	68.1	75.2	86.6	89.4	91.8	94.2	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 1200	35.0	59.4	68.7	75.8	87.1	90.1	92.6	95.2	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1000	35.0	59.4	69.0	76.3	87.8	90.8	93.4	96.2	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.1
≥ 900	35.0	59.9	69.7	77.0	88.4	91.4	94.1	96.9	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	35.0	59.9	69.7	77.0	88.6	91.6	94.3	97.1	97.3	97.8	97.9	97.9	97.9	97.9	97.9	98.0
≥ 700	35.0	60.0	69.8	77.1	88.7	91.8	94.8	97.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 600	35.0	60.0	69.8	77.1	88.7	91.8	94.8	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
≥ 500	35.0	60.1	70.0	77.3	88.9	92.0	95.0	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 400	35.0	60.1	70.0	77.3	88.9	92.0	95.0	98.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 300	35.0	60.1	70.0	77.3	88.9	92.0	95.0	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.1
≥ 200	35.0	60.1	70.0	77.3	88.9	92.0	95.0	98.1	98.3	98.9	99.1	99.1	99.1	99.2	99.3	99.7
≥ 100	35.0	60.1	70.0	77.3	88.9	92.0	95.0	98.1	98.3	98.9	99.1	99.1	99.1	99.2	99.3	99.8
≥ 0	35.0	60.1	70.0	77.3	88.9	92.0	95.0	98.1	98.3	98.9	99.1	99.1	99.1	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.2	40.4	44.3	48.6	56.9	60.8	64.2	65.9	67.0	68.4	69.2	69.3	69.8	69.9	69.9	70.3
≥ 20000	25.7	41.4	45.9	50.1	58.7	62.7	66.1	67.9	69.0	70.4	71.2	71.3	71.8	71.9	71.9	72.3
≥ 18000	25.7	41.4	45.9	50.2	58.8	62.8	66.2	68.0	69.1	70.6	71.3	71.4	71.9	72.0	72.0	72.4
≥ 16000	25.7	41.4	45.9	50.2	58.8	62.8	66.2	68.0	69.1	70.6	71.3	71.4	71.9	72.0	72.0	72.4
≥ 14000	26.3	42.6	47.2	51.6	60.4	64.4	68.0	69.8	70.9	72.3	73.1	73.2	73.7	73.8	73.8	74.2
≥ 12000	26.4	43.8	48.7	53.1	62.1	66.2	69.8	71.6	72.7	74.1	74.9	75.0	75.4	75.6	75.6	76.0
≥ 10000	28.3	45.8	50.8	55.2	64.6	68.8	72.7	74.6	75.7	77.1	77.9	78.0	78.4	78.6	78.6	79.0
≥ 9000	28.4	46.1	51.2	55.7	65.0	69.2	73.1	75.0	76.1	77.6	78.3	78.4	78.9	79.0	79.0	79.4
≥ 8000	29.4	47.7	53.0	57.4	66.8	71.0	75.0	76.9	78.0	79.4	80.2	80.3	80.8	80.9	80.9	81.3
≥ 7000	30.3	48.9	54.2	58.7	68.0	72.2	76.2	78.1	79.2	80.7	81.4	81.6	82.0	82.1	82.1	82.6
≥ 6000	31.2	50.0	55.3	59.9	69.3	73.6	77.6	79.4	80.6	82.0	82.8	82.9	83.3	83.4	83.4	83.9
≥ 5000	32.8	52.1	58.0	62.8	72.2	76.4	80.4	82.3	83.4	84.9	85.7	85.8	86.2	86.3	86.3	86.8
≥ 4500	33.2	52.8	59.2	64.0	73.7	77.9	81.9	83.8	84.9	86.3	87.1	87.2	87.7	87.8	87.8	88.2
≥ 4000	34.1	54.1	60.7	65.4	75.2	79.4	83.4	85.3	86.4	87.9	88.8	88.9	89.3	89.4	89.4	89.9
≥ 3500	34.8	55.1	61.8	66.6	76.3	80.7	84.7	86.6	87.7	89.1	90.0	90.1	90.6	90.7	90.7	91.1
≥ 3000	35.8	56.1	62.8	67.6	77.4	82.1	86.1	88.1	89.2	90.7	91.6	91.7	92.1	92.2	92.2	92.7
≥ 2500	36.0	56.3	63.0	67.8	77.7	82.3	86.4	88.6	89.8	91.2	92.1	92.2	92.7	92.8	92.8	93.2
≥ 2000	36.1	56.7	63.3	68.2	78.1	82.8	86.9	89.0	90.2	91.7	92.6	92.7	93.1	93.2	93.2	93.7
≥ 1800	36.1	56.7	63.3	68.2	78.1	82.8	86.9	89.0	90.2	91.7	92.6	92.7	93.1	93.2	93.2	93.7
≥ 1500	36.1	57.0	63.8	68.7	78.6	83.2	87.3	89.4	90.7	92.1	93.0	93.1	93.6	93.7	93.7	94.1
≥ 1200	36.2	57.1	63.9	68.8	78.8	83.4	87.7	89.8	91.0	92.6	93.4	93.6	94.0	94.1	94.1	94.6
≥ 1000	36.2	57.2	64.0	69.1	79.1	83.9	88.3	90.4	91.7	93.2	94.1	94.2	94.7	94.8	94.8	95.2
≥ 900	36.2	57.4	64.6	70.0	80.0	84.8	89.2	91.3	92.6	94.1	95.0	95.1	95.6	95.7	95.7	96.1
≥ 800	36.2	57.6	64.7	70.2	80.2	85.1	89.7	91.8	93.0	94.6	95.4	95.6	96.0	96.1	96.1	96.6
≥ 700	36.2	57.6	64.7	70.2	80.2	85.3	89.9	92.0	93.2	94.8	95.7	95.8	96.2	96.3	96.3	96.8
≥ 600	36.2	57.6	64.7	70.2	80.2	85.3	90.1	92.6	93.8	95.3	96.2	96.3	96.9	97.0	97.0	97.4
≥ 500	36.2	57.6	64.7	70.2	80.2	85.3	90.1	93.2	94.4	96.0	96.9	97.0	97.6	97.7	97.7	98.1
≥ 400	36.2	57.6	64.7	70.3	80.3	85.4	90.3	93.4	94.7	96.2	97.2	97.3	97.9	98.0	98.0	98.4
≥ 300	36.2	57.6	64.7	70.3	80.4	85.6	90.6	93.7	94.9	96.4	97.4	97.6	98.1	98.2	98.2	98.7
≥ 200	36.2	57.6	64.7	70.3	80.4	85.6	90.6	93.7	94.9	96.4	97.4	97.6	98.4	98.6	98.6	99.2
≥ 100	36.2	57.6	64.7	70.3	80.4	85.6	90.6	93.7	94.9	96.4	97.4	97.7	98.7	98.8	98.9	100.0
≥ 0	36.2	57.6	64.7	70.3	80.4	85.6	90.6	93.7	94.9	96.4	97.4	97.7	98.7	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.7	34.8	40.1	45.5	52.4	55.1	57.8	60.5	61.1	62.3	63.1	63.3	63.7	64.1	64.4	65.8
≥ 20000	22.5	36.3	42.0	47.7	55.1	57.8	60.8	63.7	64.3	65.6	66.4	66.6	67.1	67.5	67.8	69.3
≥ 18000	22.7	36.6	42.4	48.0	55.5	58.3	61.3	64.2	64.8	66.1	66.9	67.2	67.6	68.0	68.3	69.9
≥ 16000	22.7	36.7	42.4	48.1	55.6	58.5	61.5	64.4	65.0	66.3	67.1	67.4	67.8	68.3	68.6	70.1
≥ 14000	23.3	37.4	43.4	49.2	56.9	59.9	63.1	66.0	66.6	67.9	68.7	69.0	69.4	69.9	70.2	71.7
≥ 12000	24.0	38.7	44.9	51.0	58.8	62.0	65.2	68.1	68.8	70.1	70.9	71.1	71.6	72.0	72.3	73.9
≥ 10000	25.4	40.4	46.6	52.8	60.9	64.0	67.3	70.3	71.0	72.3	73.1	73.3	73.8	74.2	74.5	76.1
≥ 9000	25.8	41.0	47.2	53.4	61.5	64.7	68.0	71.0	71.6	72.9	73.8	74.0	74.5	74.9	75.2	76.7
≥ 8000	26.5	42.3	48.7	54.9	63.3	66.5	69.8	72.8	73.5	74.8	75.6	75.9	76.3	76.8	77.0	78.6
≥ 7000	27.4	43.5	49.9	56.2	64.6	67.8	71.2	74.3	74.9	76.2	77.1	77.3	77.8	78.2	78.5	80.1
≥ 6000	28.1	44.6	51.0	57.3	65.8	69.0	72.3	75.4	76.1	77.4	78.2	78.5	78.9	79.3	79.6	81.2
≥ 5000	29.1	46.1	52.8	59.1	67.8	71.0	74.3	77.4	78.1	79.4	80.3	80.5	81.0	81.4	81.7	83.2
≥ 4500	29.7	47.0	53.8	60.3	69.0	72.2	75.6	78.7	79.3	80.7	81.5	81.7	82.2	82.6	82.9	84.5
≥ 4000	30.2	47.8	54.7	61.3	70.1	73.4	76.7	79.8	80.5	81.8	82.7	82.9	83.4	83.8	84.1	85.7
≥ 3500	30.8	48.7	55.8	62.3	71.2	74.5	77.8	81.0	81.6	83.0	83.8	84.1	84.5	85.0	85.3	86.8
≥ 3000	31.5	49.9	57.1	63.8	72.8	76.1	79.5	82.7	83.3	84.7	85.5	85.8	86.2	86.7	86.9	88.5
≥ 2500	31.7	50.3	57.5	64.2	73.3	76.7	80.1	83.3	84.0	85.4	86.2	86.5	86.9	87.4	87.7	89.2
≥ 2000	32.0	50.8	58.0	64.8	73.9	77.3	80.8	84.1	84.9	86.2	87.1	87.4	87.9	88.3	88.6	90.1
≥ 1800	32.0	50.8	58.1	64.8	74.0	77.4	80.9	84.3	85.0	86.4	87.3	87.6	88.0	88.5	88.8	90.3
≥ 1500	32.1	51.2	58.4	65.3	74.5	78.0	81.6	85.0	85.8	87.2	88.1	88.3	88.8	89.2	89.5	91.1
≥ 1200	32.2	51.4	58.7	65.7	75.1	78.6	82.3	85.7	86.5	87.9	88.8	89.0	89.5	89.9	90.2	91.8
≥ 1000	32.2	51.5	59.0	66.1	75.7	79.3	83.2	86.6	87.4	88.9	89.8	90.1	90.6	91.0	91.3	92.8
≥ 900	32.3	51.8	59.4	66.7	76.3	79.9	83.8	87.3	88.2	89.7	90.6	90.8	91.3	91.7	92.0	93.6
≥ 800	32.3	51.9	59.5	66.8	76.6	80.3	84.3	87.8	88.7	90.2	91.1	91.3	91.8	92.2	92.5	94.1
≥ 700	32.3	51.9	59.6	67.0	76.9	80.7	84.7	88.4	89.2	90.7	91.7	91.9	92.4	92.8	93.1	94.7
≥ 600	32.3	51.9	59.6	67.1	77.1	81.1	85.2	89.1	89.9	91.4	92.3	92.6	93.1	93.5	93.8	95.4
≥ 500	32.3	52.0	59.6	67.2	77.2	81.2	85.3	89.7	90.5	92.1	93.1	93.3	93.8	94.3	94.5	96.2
≥ 400	32.3	52.0	59.7	67.2	77.3	81.3	85.5	89.9	90.8	92.4	93.4	93.7	94.3	94.7	95.0	96.7
≥ 300	32.3	52.0	59.7	67.2	77.3	81.3	85.6	90.1	91.0	92.7	93.8	94.1	94.7	95.3	95.6	97.6
≥ 200	32.3	52.0	59.7	67.2	77.3	81.3	85.6	90.1	91.0	92.8	93.8	94.2	94.9	95.5	95.9	98.7
≥ 100	32.3	52.0	59.7	67.2	77.3	81.3	85.6	90.1	91.0	92.8	93.9	94.3	95.1	95.7	96.2	99.7
≥ 0	32.3	52.0	59.7	67.2	77.3	81.3	85.6	90.1	91.0	92.8	93.9	94.3	95.1	95.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.4	22.5	24.8	28.7	32.2	34.6	38.1	43.3	44.5	46.7	48.6	49.0	50.2	50.9	52.0	54.7
≥ 20000	14.6	23.0	25.4	29.2	32.8	35.3	38.7	44.3	45.8	48.1	50.0	50.4	51.6	52.3	53.4	56.2
≥ 18000	14.7	23.1	25.5	29.4	32.9	35.4	38.8	44.4	45.9	48.2	50.1	50.5	51.7	52.4	53.5	56.3
≥ 16000	14.7	23.1	25.5	29.4	32.9	35.4	38.8	44.4	45.9	48.2	50.1	50.5	51.7	52.4	53.5	56.3
≥ 14000	14.7	23.3	25.7	29.6	33.1	35.6	39.0	44.6	46.1	48.4	50.4	50.9	52.0	52.7	53.9	56.7
≥ 12000	15.4	24.0	26.6	30.4	34.2	36.7	40.1	45.7	47.2	49.5	51.5	51.9	53.1	53.8	54.9	57.7
≥ 10000	15.5	24.6	27.2	31.1	34.9	37.5	41.2	46.8	48.3	50.6	52.8	53.3	54.6	55.3	56.5	59.4
≥ 9000	15.7	24.9	27.5	31.4	35.3	37.8	41.5	47.1	48.6	51.0	53.1	53.7	55.1	55.7	56.9	60.1
≥ 8000	16.8	26.5	29.0	32.9	37.2	40.0	43.7	49.7	51.2	53.5	55.7	56.3	57.7	58.4	59.6	62.8
≥ 7000	18.3	28.7	31.3	35.2	39.5	42.3	46.1	52.3	53.8	56.1	58.3	58.9	60.3	61.0	62.2	65.4
≥ 6000	18.6	29.4	31.9	35.8	40.1	43.0	46.9	53.0	54.5	56.9	59.0	59.7	61.1	61.7	62.9	66.1
≥ 5000	19.2	30.3	32.9	37.0	41.3	44.2	48.1	54.2	55.7	58.1	60.2	60.9	62.3	62.9	64.1	67.3
≥ 4500	20.2	32.2	34.7	38.8	43.2	46.1	50.0	56.2	57.7	60.1	62.6	63.2	64.6	65.3	66.5	69.7
≥ 4000	20.5	32.6	35.2	39.2	43.8	46.7	50.5	56.8	58.3	60.6	63.1	63.8	65.2	65.8	67.0	70.2
≥ 3500	21.4	34.2	36.9	41.1	45.6	48.5	52.4	58.6	60.1	62.5	64.9	65.6	67.0	67.6	68.8	72.0
≥ 3000	22.4	36.0	38.7	42.9	47.4	50.3	54.2	60.4	61.9	64.3	66.8	67.4	68.8	69.5	70.6	73.9
≥ 2500	23.0	36.9	39.6	43.9	48.4	51.5	55.6	61.8	63.3	65.7	68.2	68.8	70.2	70.9	72.0	75.3
≥ 2000	23.3	37.2	40.0	44.3	48.9	52.0	56.1	62.5	64.0	66.3	68.8	69.5	70.9	71.5	72.7	75.9
≥ 1800	23.4	37.3	40.1	44.4	49.1	52.3	56.3	62.9	64.4	66.8	69.2	69.9	71.3	72.0	73.2	76.5
≥ 1500	23.5	37.5	40.3	44.8	49.6	52.8	57.1	63.8	65.3	67.6	70.1	70.8	72.2	72.9	74.1	77.3
≥ 1200	23.7	38.0	40.9	45.6	50.3	53.5	58.0	64.7	66.2	68.6	71.1	71.7	73.1	73.9	75.1	78.3
≥ 1000	23.8	38.3	41.4	46.6	51.5	55.2	59.9	66.8	68.3	70.6	73.1	73.8	75.2	75.9	77.1	80.3
≥ 900	23.8	38.4	41.5	47.0	51.9	55.9	61.0	67.8	69.5	71.8	74.3	74.9	76.3	77.1	78.3	81.5
≥ 800	23.8	38.5	41.7	47.2	52.3	56.3	61.4	68.3	69.9	72.3	74.7	75.4	76.8	77.5	78.7	81.9
≥ 700	23.8	38.5	41.8	47.3	52.4	56.5	61.5	68.5	70.1	72.5	74.9	75.6	77.0	77.7	78.9	82.2
≥ 600	23.8	38.6	41.9	47.4	52.5	56.7	61.8	69.1	70.8	73.2	75.7	76.3	77.7	78.5	79.7	82.9
≥ 500	23.8	38.9	42.3	47.7	52.9	57.7	63.0	70.4	72.2	74.8	77.4	78.1	79.5	80.3	81.5	84.7
≥ 400	23.8	38.9	42.3	47.7	52.9	58.0	63.3	70.9	72.6	75.3	78.1	78.7	80.1	81.1	82.4	85.9
≥ 300	23.8	38.9	42.3	47.7	52.9	58.0	63.4	71.5	73.2	76.7	79.8	80.4	81.9	83.1	84.5	89.2
≥ 200	23.8	38.9	42.3	47.7	52.9	58.0	63.4	71.5	73.2	76.8	80.2	81.1	82.8	84.1	85.6	91.9
≥ 100	23.8	38.9	42.3	47.7	52.9	58.0	63.4	71.5	73.2	76.9	80.3	81.2	83.5	85.3	87.1	98.1
≥ 0	23.8	38.9	42.3	47.7	52.9	58.0	63.4	71.5	73.2	76.9	80.3	81.2	83.5	85.3	87.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.7	17.7	19.5	22.3	26.2	28.4	31.2	35.5	36.3	38.5	41.7	42.3	43.2	44.0	45.1	49.7
≥ 20000	13.1	18.6	20.4	23.3	27.4	29.6	32.5	37.0	38.1	40.4	43.7	44.2	45.2	45.9	47.0	51.8
≥ 18000	13.1	18.6	20.4	23.3	27.4	29.6	32.5	37.0	38.1	40.4	43.7	44.2	45.2	45.9	47.0	51.8
≥ 16000	13.1	18.6	20.4	23.3	27.4	29.6	32.5	37.0	38.1	40.4	43.7	44.2	45.2	45.9	47.0	51.8
≥ 14000	13.4	18.9	20.8	23.7	27.7	29.9	32.8	37.3	38.4	40.8	44.0	44.5	45.5	46.2	47.3	52.2
≥ 12000	13.9	19.6	21.5	24.4	28.5	30.6	33.5	38.1	39.1	41.6	44.8	45.4	46.3	47.1	48.2	53.0
≥ 10000	15.3	21.2	23.1	26.0	30.2	32.4	35.6	40.4	41.5	44.1	47.3	47.8	48.8	49.6	50.6	55.6
≥ 9000	15.4	21.4	23.3	26.2	30.4	32.6	36.0	41.0	42.0	44.6	47.8	48.4	49.4	50.1	51.2	56.1
≥ 8000	16.2	22.6	24.5	27.5	31.8	34.1	37.6	42.7	43.8	46.3	49.6	50.1	51.1	51.8	52.9	57.8
≥ 7000	17.4	24.5	26.6	29.6	34.0	36.2	39.9	45.1	46.1	49.0	52.3	52.8	53.8	54.5	55.6	60.5
≥ 6000	17.7	25.1	27.1	30.2	34.8	37.1	40.9	46.0	47.1	50.0	53.2	53.8	54.7	55.5	56.6	61.5
≥ 5000	18.2	26.7	27.8	31.0	35.6	38.0	41.7	46.9	48.0	50.9	54.1	54.6	55.6	56.3	57.4	62.4
≥ 4500	19.0	26.8	28.9	32.2	37.0	39.4	43.2	48.5	49.7	52.6	56.0	56.6	57.5	58.3	59.4	64.3
≥ 4000	19.2	27.2	29.4	32.6	37.4	39.8	43.7	48.9	50.1	53.0	56.5	57.0	58.0	58.7	59.8	64.7
≥ 3500	20.5	29.7	31.8	35.1	39.9	42.3	46.1	51.4	52.6	55.5	58.9	59.5	60.4	61.2	62.3	67.2
≥ 3000	21.0	31.2	33.4	36.7	41.5	44.0	47.8	53.1	54.3	57.2	60.6	61.2	62.2	62.9	64.0	68.9
≥ 2500	21.7	32.5	34.9	38.2	43.0	45.5	49.5	54.7	56.0	58.9	62.4	62.9	63.9	64.6	65.7	70.6
≥ 2000	22.0	33.2	35.8	39.1	44.1	46.6	50.5	55.8	57.1	60.0	63.4	64.0	64.9	65.7	66.8	71.7
≥ 1800	22.0	33.2	35.8	39.1	44.1	46.6	50.5	55.9	57.2	60.2	63.7	64.2	65.2	65.9	67.0	71.9
≥ 1500	22.4	33.8	36.3	39.7	44.6	47.1	51.1	56.5	57.7	60.9	64.2	64.7	65.8	66.6	67.6	72.6
≥ 1200	22.6	34.0	36.6	40.0	45.3	47.7	51.7	57.3	58.6	61.6	65.1	65.6	66.7	67.4	68.5	73.4
≥ 1000	22.6	34.0	36.6	40.1	45.4	48.2	52.2	58.1	59.4	62.7	66.1	66.7	67.7	68.5	69.6	74.5
≥ 900	22.6	34.2	36.9	40.4	45.9	48.8	53.5	59.7	61.1	64.4	67.8	68.4	69.5	70.2	71.3	76.2
≥ 800	22.7	34.5	37.3	41.4	46.9	50.0	54.7	60.9	62.3	65.6	69.0	69.6	70.6	71.4	72.5	77.4
≥ 700	22.7	34.6	37.4	41.6	47.1	50.3	55.1	61.3	62.7	66.0	69.5	70.0	71.1	71.8	72.9	77.8
≥ 600	22.7	34.8	37.6	41.8	47.4	50.6	55.4	61.7	63.4	66.8	70.2	70.8	71.8	72.6	73.7	78.6
≥ 500	22.8	35.1	38.0	42.2	47.7	51.0	56.3	62.8	64.6	68.1	71.5	72.2	73.4	74.2	75.4	80.3
≥ 400	22.8	35.1	38.1	42.2	47.7	51.0	56.7	63.5	65.4	69.0	72.7	73.3	74.7	75.5	76.7	81.6
≥ 300	22.8	35.1	38.0	42.2	47.7	51.0	56.8	64.1	66.0	70.2	74.6	75.3	77.2	78.0	79.2	85.4
≥ 200	22.8	35.1	38.0	42.2	47.7	51.0	56.8	64.1	66.3	70.5	75.6	76.6	79.1	79.9	81.5	91.6
≥ 100	22.8	35.1	38.0	42.2	47.7	51.0	56.8	64.2	66.5	71.1	76.2	77.2	80.1	81.2	83.1	98.2
≥ 0	22.8	35.1	38.0	42.2	47.7	51.0	56.8	64.2	66.5	71.1	76.2	77.2	80.1	81.2	83.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.4	13.1	13.7	15.6	19.0	21.0	23.5	28.2	28.8	30.5	34.4	34.9	36.5	37.1	38.5	41.8
≥ 20000	9.4	13.5	14.1	16.0	19.7	21.6	24.2	29.1	29.9	31.7	35.6	36.1	37.6	38.3	39.9	43.2
≥ 18000	9.4	13.5	14.1	16.0	19.7	21.6	24.2	29.1	29.9	31.7	35.6	36.1	37.6	38.3	39.9	43.2
≥ 16000	9.4	13.5	14.1	16.0	19.7	21.6	24.2	29.1	29.9	31.7	35.6	36.1	37.6	38.3	39.9	43.2
≥ 14000	9.8	14.3	14.9	16.9	20.5	22.6	25.2	30.1	30.9	32.7	36.6	37.1	38.6	39.2	40.9	44.3
≥ 12000	9.9	14.4	15.1	17.1	20.8	22.8	25.4	30.3	31.2	33.0	36.9	37.4	38.9	39.7	41.3	44.9
≥ 10000	11.3	16.1	16.8	19.0	22.7	24.7	27.5	33.0	33.9	35.8	39.8	40.3	41.8	42.8	44.5	48.2
≥ 9000	11.4	16.2	16.9	19.2	22.9	24.9	27.8	33.3	34.2	36.2	40.2	40.8	42.3	43.2	44.9	48.6
≥ 8000	12.0	17.5	18.3	20.8	24.6	26.7	29.8	35.4	36.2	38.3	42.4	42.9	44.4	45.4	47.1	50.9
≥ 7000	13.1	18.8	19.8	22.3	26.1	28.2	31.4	37.1	38.1	40.3	44.5	45.1	46.6	47.5	49.2	53.0
≥ 6000	14.3	20.3	21.4	23.9	27.8	29.9	33.1	38.9	39.9	42.5	46.8	47.3	48.9	49.9	51.7	55.5
≥ 5000	14.7	21.1	22.3	24.8	29.0	31.1	34.3	40.1	41.1	43.7	48.0	48.5	50.1	51.1	52.9	56.7
≥ 4500	15.6	22.0	23.3	26.0	30.2	32.4	35.6	41.4	42.4	44.9	49.2	49.8	51.4	52.4	54.2	58.0
≥ 4000	16.3	22.8	24.1	26.8	31.0	33.1	36.3	42.2	43.1	45.7	50.0	50.5	52.2	53.1	54.9	58.7
≥ 3500	16.9	24.0	25.3	28.0	32.2	34.4	37.7	43.5	44.5	47.1	51.4	51.9	53.5	54.5	56.3	60.2
≥ 3000	18.1	25.8	27.1	30.2	34.7	37.1	40.4	46.2	47.2	49.9	54.2	54.7	56.3	57.3	59.1	63.0
≥ 2500	18.7	26.9	28.3	31.5	36.2	38.6	41.9	47.7	48.7	51.4	55.7	56.3	58.0	58.9	60.8	64.6
≥ 2000	19.1	27.6	29.2	32.5	37.3	39.7	43.0	48.8	49.9	52.8	57.1	57.7	59.4	60.3	62.2	66.0
≥ 1800	19.1	27.8	29.6	32.8	37.6	40.0	43.3	49.1	50.2	53.1	57.4	58.1	59.7	60.6	62.5	66.3
≥ 1500	19.6	28.3	30.2	33.5	38.7	41.1	44.4	50.3	51.4	54.3	58.7	59.4	61.3	62.3	64.1	68.0
≥ 1200	19.8	28.6	30.5	34.0	39.1	41.5	44.9	51.1	52.2	55.1	59.5	60.1	62.0	63.0	64.8	68.7
≥ 1000	19.8	28.6	30.5	34.2	39.8	42.4	45.9	52.0	53.1	56.2	60.6	61.3	63.2	64.2	66.0	69.9
≥ 900	19.9	28.8	30.8	34.5	40.2	42.9	46.6	52.9	54.0	57.2	61.6	62.3	64.2	65.2	67.0	70.9
≥ 800	20.3	29.2	31.2	34.9	40.6	43.4	47.3	53.9	55.1	58.4	62.8	63.4	65.4	66.3	68.2	72.0
≥ 700	20.3	29.2	31.3	35.1	41.0	43.8	47.6	54.3	55.7	59.0	63.4	64.1	66.0	67.0	68.8	72.7
≥ 600	20.4	29.4	31.4	35.3	41.2	44.0	47.8	54.8	56.5	59.9	64.4	65.1	67.0	68.0	69.8	74.0
≥ 500	20.4	29.5	31.5	35.4	41.5	44.5	48.8	56.0	57.6	61.3	65.8	66.5	68.4	69.4	71.3	75.5
≥ 400	20.4	29.5	31.5	35.4	41.7	44.7	49.6	57.5	59.2	63.0	67.7	68.6	70.6	71.7	73.8	78.3
≥ 300	20.4	29.5	31.6	35.7	42.0	45.2	50.0	58.2	59.9	64.2	69.2	70.1	72.4	73.8	75.9	82.9
≥ 200	20.4	29.5	31.6	35.7	42.0	45.2	50.0	58.3	60.1	64.6	70.4	71.4	74.6	76.7	79.5	92.4
≥ 100	20.4	29.5	31.6	35.7	42.0	45.2	50.0	58.3	60.1	64.6	70.4	71.4	74.7	77.3	80.4	98.4
≥ 0	20.4	29.5	31.6	35.7	42.0	45.2	50.0	58.3	60.1	64.6	70.4	71.4	74.7	77.3	80.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	63-70,73-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	8.8	11.7	14.2	16.3	19.9	21.9	27.8	33.1	34.3	36.9	38.0	38.3	38.9	39.2	40.0	42.3
≥ 20000	8.9	12.2	14.6	16.8	20.3	22.5	28.5	34.1	35.3	37.8	38.9	39.2	39.9	40.3	41.1	43.8
≥ 18000	8.9	12.2	14.6	16.8	20.3	22.6	28.6	34.4	35.6	38.2	39.4	39.7	40.3	40.8	41.5	44.2
≥ 16000	9.0	12.4	14.8	17.0	20.5	22.8	28.8	34.6	35.8	38.4	39.6	39.9	40.5	41.0	41.7	44.4
≥ 14000	9.4	13.0	15.6	17.8	21.4	23.7	29.8	35.6	36.8	39.4	40.5	40.9	41.5	41.9	42.7	45.4
≥ 12000	10.6	14.8	17.4	19.8	23.3	25.6	31.8	37.7	38.9	41.5	42.7	43.0	43.8	44.2	44.9	47.6
≥ 10000	11.1	15.7	18.3	21.0	24.6	27.0	33.3	39.6	40.8	43.3	44.7	45.3	46.3	46.8	47.6	50.3
≥ 9000	11.5	16.1	18.7	21.4	25.1	27.5	33.9	40.3	41.6	44.3	45.7	46.2	47.3	47.7	48.6	51.3
≥ 8000	12.3	17.0	19.6	22.4	26.1	28.8	35.2	41.8	43.1	45.9	47.4	48.0	49.0	49.5	50.4	53.1
≥ 7000	13.3	18.2	20.9	23.8	27.5	30.3	36.7	43.5	45.3	48.2	49.9	50.4	51.5	51.9	52.9	55.6
≥ 6000	14.4	19.5	22.3	25.4	29.5	32.3	38.6	45.6	47.3	50.2	52.0	52.6	53.7	54.1	55.1	57.7
≥ 5000	15.1	20.1	22.9	26.1	30.5	33.3	39.7	46.7	48.5	51.4	53.2	53.8	54.8	55.3	56.2	58.9
≥ 4500	15.9	21.3	24.1	27.3	31.7	34.5	41.0	48.2	49.8	52.9	54.7	55.3	56.3	56.8	57.7	60.4
≥ 4000	16.9	22.5	25.3	28.5	32.9	35.8	42.3	49.2	51.1	54.2	56.0	56.6	57.6	58.1	59.0	61.7
≥ 3500	17.9	23.7	26.7	30.1	34.5	37.4	43.9	51.0	52.8	55.9	57.8	58.4	59.5	59.9	60.9	63.5
≥ 3000	18.9	25.4	28.8	32.5	37.5	40.5	47.0	54.3	56.1	59.2	61.2	61.7	62.8	63.2	64.2	66.9
≥ 2500	18.9	26.1	29.7	33.3	38.4	41.4	47.8	55.2	57.0	60.1	62.2	62.7	63.8	64.2	65.2	67.8
≥ 2000	19.0	26.7	30.2	33.9	39.0	42.4	48.8	56.3	58.2	61.3	63.3	63.9	64.9	65.4	66.3	69.0
≥ 1800	19.0	26.8	30.3	34.0	39.1	42.5	48.9	56.5	58.3	61.4	63.4	64.0	65.1	65.5	66.5	69.1
≥ 1500	19.1	27.1	30.8	34.5	39.7	43.0	49.7	57.4	59.4	62.5	64.6	65.2	66.2	66.7	67.6	70.3
≥ 1200	19.8	27.8	31.7	35.5	40.8	44.2	51.1	59.0	61.1	64.2	66.3	66.9	68.0	68.4	69.4	72.0
≥ 1000	20.3	28.5	32.5	36.2	41.7	45.2	52.4	60.6	62.7	65.9	68.1	68.6	69.8	70.2	71.2	73.9
≥ 900	20.4	28.6	32.6	36.5	41.9	45.5	52.7	61.3	63.3	66.7	68.8	69.4	70.5	71.0	71.9	74.6
≥ 800	20.6	28.9	32.9	37.0	42.6	46.2	53.4	62.2	64.4	68.0	70.1	70.6	71.8	72.3	73.2	75.9
≥ 700	20.6	29.0	33.0	37.3	42.9	46.6	53.9	62.7	65.2	68.7	71.0	71.5	72.7	73.1	74.1	76.8
≥ 600	20.6	29.0	33.0	37.3	43.0	46.9	54.6	64.2	66.8	70.3	72.6	73.1	74.3	74.8	76.0	78.8
≥ 500	20.6	29.1	33.1	37.4	43.2	47.3	55.4	66.3	69.0	73.2	75.8	76.3	77.7	78.3	79.5	82.4
≥ 400	20.6	29.1	33.1	37.5	43.3	47.6	56.1	67.4	70.4	74.8	77.7	78.4	79.9	80.6	82.0	85.3
≥ 300	20.6	29.1	33.1	37.5	43.5	48.0	56.6	68.1	71.3	76.2	79.7	80.5	82.6	83.9	85.6	91.2
≥ 200	20.6	29.1	33.1	37.5	43.5	48.0	56.6	68.1	71.4	76.8	80.5	81.4	84.2	85.9	88.2	97.3
≥ 100	20.6	29.1	33.1	37.5	43.5	48.0	56.6	68.1	71.4	76.8	80.5	81.4	84.3	86.0	88.3	99.9
≥ 0	20.6	29.1	33.1	37.5	43.5	48.0	56.6	68.1	71.4	76.8	80.5	81.4	84.3	86.0	88.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.3	15.8	19.5	23.9	30.3	33.9	39.1	44.5	45.5	46.5	47.0	47.0	47.1	47.3	47.3	47.3
≥ 20000	11.8	16.9	20.8	25.2	32.5	36.0	41.4	47.3	48.3	49.5	50.0	50.0	50.2	50.5	50.5	50.5
≥ 18000	11.9	17.0	20.9	25.3	32.6	36.1	41.5	47.6	48.6	49.8	50.4	50.4	50.6	51.0	51.0	51.0
≥ 16000	12.2	17.2	21.1	25.5	32.8	36.3	41.7	47.8	48.8	50.0	50.6	50.6	50.9	51.2	51.2	51.2
≥ 14000	12.2	17.7	21.6	26.0	33.4	37.0	42.6	49.0	50.0	51.4	52.2	52.2	52.4	52.7	52.7	52.7
≥ 12000	13.8	19.7	23.5	28.1	35.5	39.0	44.6	51.2	52.2	53.5	54.3	54.3	54.5	54.8	54.8	54.8
≥ 10000	14.4	20.8	24.7	29.6	37.5	41.1	46.9	53.7	54.6	56.0	56.8	56.8	57.0	57.3	57.3	57.3
≥ 9000	14.8	21.4	25.4	30.2	38.4	41.9	47.7	54.6	55.6	57.0	57.7	57.7	58.0	58.3	58.3	58.3
≥ 8000	15.9	22.9	27.0	31.9	40.1	43.7	50.0	57.2	58.2	59.6	60.3	60.3	60.5	60.9	60.9	60.9
≥ 7000	17.0	24.3	28.4	33.3	41.6	45.2	51.7	59.0	60.0	61.5	62.3	62.3	62.5	62.8	62.8	62.8
≥ 6000	18.0	25.5	29.9	34.8	43.3	47.1	53.7	61.0	61.9	63.4	64.2	64.2	64.4	64.7	64.7	64.7
≥ 5000	18.6	26.5	31.2	36.3	45.1	48.8	55.4	62.8	63.8	65.3	66.0	66.0	66.2	66.6	66.6	66.6
≥ 4500	19.8	28.0	32.7	37.8	46.6	50.3	56.9	64.3	65.3	66.8	67.6	67.6	67.8	68.2	68.2	68.2
≥ 4000	20.4	28.9	33.8	39.0	47.7	51.7	58.4	65.8	66.9	68.4	69.2	69.2	69.5	69.8	69.8	69.8
≥ 3500	21.1	30.0	35.2	40.4	49.1	53.2	59.9	67.3	68.4	69.9	70.9	70.9	71.1	71.4	71.4	71.4
≥ 3000	22.0	31.4	36.8	42.2	51.2	55.5	62.3	69.7	70.8	72.3	73.2	73.2	73.4	73.8	73.8	73.8
≥ 2500	22.6	32.2	37.7	43.4	52.5	56.8	63.5	71.0	72.0	73.5	74.5	74.5	74.7	75.1	75.1	75.1
≥ 2000	23.5	33.2	39.0	44.7	53.8	58.1	64.9	72.4	73.4	75.1	76.0	76.0	76.2	76.6	76.6	76.6
≥ 1800	23.7	33.3	39.2	45.2	54.2	58.5	65.4	72.8	73.9	75.5	76.5	76.5	76.7	77.0	77.0	77.0
≥ 1500	24.4	34.2	40.4	46.3	55.6	59.9	66.8	74.4	75.5	77.1	78.1	78.1	78.3	78.6	78.6	78.6
≥ 1200	24.9	34.9	41.3	47.3	56.7	61.1	68.6	76.3	77.4	79.0	80.0	80.0	80.2	80.5	80.5	80.5
≥ 1000	25.1	35.6	42.6	48.8	58.5	63.1	71.8	80.0	81.1	82.7	83.7	83.7	84.0	84.3	84.3	84.3
≥ 900	25.1	35.7	42.7	49.1	59.1	63.8	72.5	81.0	82.0	83.7	84.6	84.6	84.9	85.3	85.3	85.3
≥ 800	25.1	35.9	43.0	49.5	60.1	64.9	74.0	83.3	84.5	86.1	87.2	87.2	87.5	87.8	87.8	87.8
≥ 700	25.2	36.0	43.1	49.6	60.4	65.4	75.2	85.1	86.3	88.1	89.1	89.1	89.5	89.8	89.8	89.8
≥ 600	25.2	36.0	43.1	49.8	61.0	66.0	76.0	86.3	87.6	89.8	91.0	91.0	91.3	91.6	91.6	91.6
≥ 500	25.2	36.0	43.1	49.8	61.0	66.2	76.8	87.3	88.7	91.1	92.5	92.5	92.9	93.3	93.3	93.3
≥ 400	25.2	36.0	43.1	49.8	61.2	66.5	77.3	88.7	90.3	93.0	94.5	94.5	95.3	95.7	95.7	95.7
≥ 300	25.2	36.0	43.1	49.8	61.3	66.6	77.4	88.8	90.6	93.7	95.6	95.9	96.9	97.7	97.8	98.2
≥ 200	25.2	36.0	43.1	49.8	61.3	66.6	77.4	89.0	90.9	94.1	96.1	96.5	97.7	98.6	98.8	99.6
≥ 100	25.2	36.0	43.1	49.8	61.3	66.6	77.4	89.0	90.9	94.1	96.1	96.5	97.7	98.6	98.9	100.0
≥ 0	25.2	36.0	43.1	49.8	61.3	66.6	77.4	89.0	90.9	94.1	96.1	96.5	97.7	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.6	24.8	27.9	32.5	42.2	45.0	51.0	55.4	56.1	56.7	56.7	56.7	56.8	56.9	56.9	57.0
≥ 20000	18.0	25.6	28.8	33.4	43.8	46.7	53.2	57.7	58.5	59.3	59.4	59.4	59.5	59.6	59.6	59.7
≥ 18000	18.0	25.6	28.9	33.5	44.0	46.9	53.6	58.0	59.1	59.8	59.9	59.9	60.0	60.1	60.1	60.2
≥ 16000	18.1	25.8	29.1	33.6	44.1	47.0	53.7	58.2	59.3	60.0	60.1	60.1	60.2	60.3	60.3	60.5
≥ 14000	18.6	26.5	29.8	34.5	45.2	48.2	55.0	59.5	60.6	61.4	61.7	61.7	61.9	62.0	62.0	62.1
≥ 12000	19.4	27.3	30.7	35.3	46.2	49.2	56.1	60.7	61.7	62.6	62.9	62.9	63.0	63.1	63.1	63.3
≥ 10000	19.7	27.9	31.7	36.4	47.8	50.9	58.1	62.6	63.7	64.5	64.9	64.9	65.0	65.2	65.2	65.3
≥ 9000	20.2	28.4	32.2	37.1	48.5	51.5	58.7	63.3	64.3	65.2	65.5	65.5	65.6	65.8	65.8	65.9
≥ 8000	21.2	30.2	34.8	39.7	51.6	54.6	62.2	66.8	67.9	68.8	69.1	69.1	69.2	69.4	69.4	69.5
≥ 7000	21.2	31.4	36.0	40.9	52.9	55.9	63.6	68.5	69.6	70.5	70.8	70.8	70.9	71.1	71.1	71.2
≥ 6000	22.8	32.5	37.2	42.1	54.2	57.2	65.2	70.2	71.2	72.2	72.5	72.5	72.6	72.8	72.8	73.0
≥ 5000	24.4	34.8	39.5	44.8	57.2	60.2	68.5	73.6	74.8	75.8	76.1	76.1	76.2	76.4	76.4	76.5
≥ 4500	25.8	36.5	41.3	46.6	58.9	62.0	70.5	75.6	76.8	77.8	78.1	78.1	78.2	78.4	78.4	78.6
≥ 4000	26.4	37.7	42.9	48.2	60.6	63.6	72.1	77.4	78.6	79.5	79.8	79.8	80.0	80.2	80.2	80.3
≥ 3500	27.9	38.9	44.4	49.7	62.1	65.1	73.6	79.1	80.3	81.3	81.6	81.6	81.7	81.9	81.9	82.0
≥ 3000	28.0	39.8	45.5	50.9	63.6	66.7	75.3	80.8	82.0	83.1	83.4	83.4	83.5	83.7	83.7	83.8
≥ 2500	28.1	40.0	45.7	51.2	63.9	67.0	75.8	81.3	82.5	83.5	83.9	83.9	84.1	84.3	84.3	84.4
≥ 2000	28.4	40.3	46.0	51.8	64.9	68.3	76.7	82.2	83.5	84.6	84.9	84.9	85.0	85.2	85.2	85.3
≥ 1800	28.7	40.5	46.2	52.2	65.2	68.3	77.0	82.5	83.8	84.9	85.2	85.2	85.3	85.6	85.6	85.7
≥ 1500	29.0	40.8	46.7	52.6	65.6	68.8	77.5	83.0	84.3	85.3	85.7	85.7	85.8	86.0	86.0	86.1
≥ 1200	29.3	41.3	47.2	53.1	66.6	70.0	79.6	85.6	86.9	87.9	88.3	88.3	88.4	88.6	88.6	88.7
≥ 1000	29.4	41.5	47.6	53.8	67.9	71.9	82.2	88.7	90.0	91.1	91.4	91.4	91.5	91.7	91.7	91.8
≥ 900	29.4	41.5	47.7	53.9	68.2	72.2	83.0	89.7	90.9	92.0	92.3	92.3	92.5	92.7	92.7	92.8
≥ 800	29.4	41.5	47.7	53.9	68.3	72.5	83.5	90.5	91.9	93.1	93.4	93.4	93.5	93.8	93.8	93.9
≥ 700	29.4	41.6	48.0	54.1	68.8	73.0	83.9	91.3	92.7	93.9	94.2	94.2	94.3	94.5	94.5	94.6
≥ 600	29.4	41.6	48.1	54.1	68.9	73.1	84.2	91.9	93.3	94.5	94.9	94.9	95.0	95.3	95.3	95.4
≥ 500	29.4	41.6	48.1	54.4	69.4	73.7	85.0	93.1	94.7	96.3	96.9	96.9	97.0	97.2	97.2	97.3
≥ 400	29.4	41.6	48.1	54.4	69.5	73.8	85.1	93.3	95.2	97.1	97.8	97.8	98.0	98.4	98.4	98.5
≥ 300	29.4	41.6	48.1	54.4	69.5	73.8	85.1	93.4	95.3	97.2	98.2	98.2	98.5	99.0	99.1	99.2
≥ 200	29.4	41.6	48.1	54.4	69.5	73.8	85.1	93.4	95.3	97.2	98.2	98.2	98.5	99.1	99.4	99.5
≥ 100	29.4	41.6	48.1	54.4	69.5	73.8	85.1	93.4	95.3	97.2	98.2	98.2	98.5	99.2	99.5	100.0
≥ 0	29.4	41.6	48.1	54.4	69.5	73.8	85.1	93.4	95.3	97.2	98.2	98.2	98.5	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.2	28.6	32.1	37.2	43.6	45.7	49.6	55.2	55.7	57.1	57.5	57.7	57.8	57.8	57.9	58.5
≥ 20000	18.6	28.9	32.6	37.8	44.7	46.8	51.2	57.6	58.0	59.4	60.0	60.2	60.4	60.4	60.5	61.1
≥ 18000	18.7	29.3	33.0	38.2	45.3	47.5	51.9	58.3	58.7	60.1	60.6	60.8	61.1	61.1	61.2	61.7
≥ 16000	18.7	29.3	33.0	38.2	45.3	47.5	51.9	58.3	58.7	60.1	60.6	60.8	61.1	61.1	61.2	61.7
≥ 14000	19.2	30.1	33.8	38.9	46.1	48.3	52.8	59.1	59.5	60.9	61.8	62.0	62.2	62.2	62.4	62.9
≥ 12000	20.0	31.0	34.8	40.0	47.5	49.9	54.4	60.7	61.2	62.6	63.4	63.6	63.9	63.9	64.0	64.5
≥ 10000	20.7	31.9	35.9	41.1	48.9	51.6	56.4	62.8	63.2	64.6	65.7	65.9	66.2	66.2	66.3	67.0
≥ 9000	21.1	32.8	36.8	42.0	49.7	52.4	57.3	63.6	64.1	65.5	66.6	66.8	67.1	67.1	67.2	67.9
≥ 8000	21.8	33.9	38.0	43.1	51.6	54.4	59.2	65.7	66.1	67.5	68.6	68.8	69.1	69.1	69.3	69.9
≥ 7000	22.4	34.8	38.9	44.2	52.8	55.7	60.6	67.3	67.7	69.1	70.2	70.4	70.8	70.8	70.9	71.5
≥ 6000	23.4	36.4	40.5	45.7	54.3	57.2	62.1	68.8	69.4	70.8	71.8	72.1	72.4	72.4	72.5	73.1
≥ 5000	24.4	37.4	41.5	46.8	55.6	58.5	63.6	70.6	71.1	72.5	73.6	73.8	74.1	74.1	74.2	74.9
≥ 4500	25.1	39.3	43.4	48.8	57.5	60.4	65.9	73.0	73.7	75.1	76.2	76.4	76.7	76.7	76.8	77.5
≥ 4000	25.5	39.6	43.8	49.2	58.4	61.3	66.9	74.2	74.9	76.3	77.3	77.6	77.9	77.9	78.0	78.6
≥ 3500	26.3	40.6	44.8	50.3	59.9	62.8	68.5	75.8	76.6	78.0	79.2	79.4	79.7	79.7	79.8	80.5
≥ 3000	27.8	42.6	47.1	52.8	62.7	65.8	71.5	79.1	79.8	81.2	82.4	82.6	83.0	83.0	83.1	83.7
≥ 2500	28.3	43.1	47.8	53.4	63.3	66.5	72.3	79.9	80.7	82.1	83.3	83.5	83.8	83.8	83.9	84.6
≥ 2000	28.5	43.5	48.1	53.8	64.0	67.2	73.0	80.7	81.4	82.8	84.0	84.3	84.6	84.6	84.7	85.3
≥ 1800	28.5	43.5	48.2	54.0	64.2	67.4	73.2	80.9	81.8	83.2	84.4	84.6	84.9	84.9	85.0	85.7
≥ 1500	28.7	43.8	48.5	54.4	64.5	67.7	73.6	81.2	82.1	83.5	84.7	84.9	85.2	85.2	85.3	86.0
≥ 1200	28.9	44.0	49.0	55.1	65.7	68.9	75.0	83.0	83.8	85.2	86.4	86.6	86.9	86.9	87.1	87.7
≥ 1000	28.9	44.2	49.3	55.7	66.9	70.3	76.7	85.0	85.9	87.3	88.5	88.7	89.0	89.0	89.1	89.8
≥ 900	28.9	44.3	49.5	55.9	67.6	71.3	77.9	86.3	87.2	88.6	89.8	90.1	90.4	90.4	90.5	91.2
≥ 800	28.9	44.3	49.5	55.9	67.7	71.7	78.4	86.8	87.7	89.1	90.3	90.6	90.9	90.9	91.0	91.7
≥ 700	28.9	44.3	49.5	56.0	68.0	72.1	78.7	87.2	88.0	89.4	90.6	90.9	91.3	91.3	91.4	92.0
≥ 600	28.9	44.3	49.5	56.0	68.2	72.4	79.1	87.5	88.3	89.8	90.9	91.3	91.6	91.6	91.7	92.4
≥ 500	28.9	44.3	49.5	56.4	68.6	73.1	79.8	88.6	89.5	91.2	92.3	92.8	93.1	93.1	93.2	94.0
≥ 400	28.9	44.3	49.5	56.4	68.6	73.1	79.8	88.9	90.0	92.1	93.4	93.9	94.2	94.4	94.6	95.5
≥ 300	28.9	44.3	49.5	56.5	68.8	73.4	80.0	89.3	90.5	92.7	94.5	94.9	95.3	95.5	95.7	96.5
≥ 200	28.9	44.3	49.5	56.5	68.8	73.4	80.0	89.3	90.5	92.7	94.5	95.0	95.5	95.7	96.0	97.5
≥ 100	28.9	44.3	49.5	56.5	68.8	73.4	80.0	89.3	90.5	92.7	94.5	95.0	95.7	96.0	96.9	99.4
≥ 0	28.9	44.3	49.5	56.5	68.8	73.4	80.0	89.3	90.5	92.7	94.5	95.0	95.7	96.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	16.6	24.3	27.0	32.8	39.8	42.4	45.2	49.3	51.0	53.2	54.4	54.5	55.2	55.4	56.2	57.8
≥ 20000	16.6	24.3	27.3	33.3	40.5	43.0	46.0	50.3	52.1	54.4	55.8	55.9	56.6	56.9	57.6	59.2
≥ 18000	16.6	24.4	27.4	33.7	40.8	43.4	46.3	50.6	52.4	54.7	56.1	56.2	57.0	57.2	57.9	59.5
≥ 16000	16.6	24.4	27.4	33.7	40.8	43.4	46.3	50.6	52.4	54.7	56.1	56.2	57.0	57.2	57.9	59.5
≥ 14000	16.9	24.8	28.1	34.3	41.4	44.0	46.9	51.3	53.2	55.4	57.2	57.3	58.0	58.3	59.0	60.6
≥ 12000	17.7	25.8	29.3	35.8	43.0	45.6	48.5	53.0	54.8	57.1	58.8	58.9	59.7	59.9	60.6	62.2
≥ 10000	17.8	26.3	30.2	36.7	44.3	47.2	50.2	54.7	56.5	58.8	60.5	60.6	61.4	61.6	62.4	64.0
≥ 9000	18.6	27.1	31.0	37.4	45.1	48.0	50.9	55.7	57.6	59.9	61.6	61.8	62.8	63.0	63.8	65.4
≥ 8000	19.6	28.8	32.9	39.4	47.0	49.9	52.9	57.6	59.5	61.8	63.5	63.8	64.7	64.9	65.7	67.3
≥ 7000	20.7	30.0	34.2	40.7	48.3	51.2	54.3	59.1	61.1	63.3	65.0	65.3	66.2	66.5	67.2	68.8
≥ 6000	21.3	30.9	35.1	41.5	49.3	52.2	55.3	60.2	62.1	64.4	66.1	66.3	67.3	67.5	68.3	69.9
≥ 5000	22.2	31.9	36.1	42.7	51.1	54.0	57.3	62.1	64.1	66.3	68.1	68.3	69.3	69.5	70.2	71.8
≥ 4500	23.9	33.9	38.1	44.8	53.2	56.1	59.7	65.0	67.0	69.3	71.0	71.2	72.2	72.4	73.1	74.8
≥ 4000	23.7	34.4	38.8	45.5	54.3	57.2	60.8	66.3	68.3	70.6	72.3	72.5	73.5	73.7	74.4	76.1
≥ 3500	24.4	35.4	39.8	46.6	55.7	58.6	62.2	67.7	69.7	72.0	73.7	73.9	74.9	75.1	75.8	77.5
≥ 3000	25.5	37.5	42.0	48.8	57.8	60.7	64.4	70.1	72.1	74.3	76.1	76.3	77.2	77.5	78.2	79.8
≥ 2500	25.5	37.9	42.3	49.2	58.3	61.2	64.8	70.8	72.7	75.0	76.7	76.9	77.9	78.1	78.9	80.5
≥ 2000	25.7	38.1	42.5	49.4	58.5	61.4	65.2	71.2	73.1	75.4	77.1	77.3	78.3	78.5	79.3	80.9
≥ 1800	25.7	38.1	42.5	49.4	58.5	61.6	65.5	71.5	73.5	75.7	77.5	77.7	78.6	78.9	79.6	81.2
≥ 1500	25.9	38.4	42.8	49.7	59.0	62.2	66.7	72.7	74.6	76.9	78.6	78.9	79.8	80.0	80.8	82.4
≥ 1200	25.9	38.7	43.3	50.3	59.7	62.9	67.3	73.8	75.7	78.0	79.7	79.9	80.9	81.1	81.9	83.5
≥ 1000	26.0	38.8	43.6	50.8	60.7	64.5	69.0	75.9	77.9	80.2	81.9	82.1	83.1	83.3	84.0	85.7
≥ 900	26.0	38.8	44.1	51.2	61.6	65.6	70.1	77.0	79.0	81.2	83.0	83.2	84.1	84.4	85.1	86.7
≥ 800	26.0	38.8	44.1	51.3	61.7	65.7	70.3	77.3	79.3	81.6	83.3	83.5	84.5	84.7	85.4	87.1
≥ 700	26.0	38.8	44.1	51.3	61.8	65.8	70.4	77.5	79.4	81.7	83.4	83.6	84.6	84.8	85.5	87.2
≥ 600	26.0	38.8	44.1	51.3	62.2	66.2	71.1	78.4	80.5	82.7	84.5	84.7	85.7	85.9	86.6	88.2
≥ 500	26.0	38.9	44.3	51.8	62.9	67.0	72.0	79.4	81.4	83.8	85.7	85.9	86.8	87.1	87.8	89.4
≥ 400	26.0	38.9	44.3	51.8	62.9	67.1	72.1	80.0	82.2	84.9	86.8	87.1	88.0	88.2	89.0	90.7
≥ 300	26.0	38.9	44.3	51.8	62.9	67.1	72.3	80.3	82.4	85.4	87.7	87.9	89.0	89.3	90.1	92.1
≥ 200	26.0	38.9	44.3	51.8	62.9	67.1	72.4	80.5	82.7	85.9	88.1	88.6	89.8	90.1	90.9	94.4
≥ 100	26.0	38.9	44.3	51.8	62.9	67.1	72.4	80.5	82.7	85.9	88.3	88.8	90.2	90.5	92.1	98.9
≥ 0	26.0	38.9	44.3	51.8	62.9	67.1	72.4	80.5	82.7	85.9	88.3	88.8	90.2	90.5	92.2	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203	CASTLE AFB CA	68-70,73-79	DEC
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.6	19.8	22.3	26.2	31.6	34.1	38.2	43.1	44.0	45.7	47.3	47.5	48.2	48.5	49.2	51.1
≥ 20000	13.9	20.4	23.0	26.9	32.7	35.2	39.5	44.7	45.7	47.6	49.2	49.4	50.1	50.5	51.2	53.2
≥ 18000	13.9	20.5	23.1	27.0	32.9	35.4	39.7	44.9	46.0	47.8	49.5	49.7	50.4	50.8	51.5	53.5
≥ 16000	14.0	20.5	23.2	27.1	32.9	35.4	39.7	45.0	46.1	47.9	49.5	49.8	50.5	50.9	51.6	53.6
≥ 14000	14.3	21.1	23.8	27.7	33.6	36.1	40.5	45.8	46.9	48.8	50.5	50.8	51.5	51.9	52.6	54.6
≥ 12000	15.1	22.1	24.9	28.9	34.9	37.4	41.8	47.2	48.3	50.2	51.9	52.2	52.9	53.3	54.0	56.0
≥ 10000	15.7	23.1	26.1	30.1	36.4	39.0	43.6	49.2	50.3	52.2	54.1	54.4	55.1	55.6	56.3	58.4
≥ 9000	16.1	23.5	26.5	30.6	36.9	39.6	44.2	49.9	51.0	52.9	54.8	55.1	55.9	56.4	57.1	59.2
≥ 8000	17.0	24.9	28.0	32.2	38.8	41.5	46.3	52.1	53.2	55.2	57.1	57.4	58.2	58.7	59.4	61.5
≥ 7000	18.1	26.3	29.5	33.7	40.3	43.1	48.0	54.0	55.2	57.3	59.1	59.5	60.3	60.8	61.5	63.6
≥ 6000	18.8	27.4	30.7	34.9	41.7	44.5	49.5	55.4	56.7	58.8	60.7	61.0	61.9	62.3	63.1	65.2
≥ 5000	19.6	28.5	31.8	36.2	43.2	46.0	51.1	57.1	58.4	60.5	62.4	62.7	63.6	64.0	64.7	66.9
≥ 4500	20.6	30.0	33.3	37.8	44.8	47.6	52.8	59.0	60.3	62.4	64.4	64.8	65.6	66.0	66.8	68.9
≥ 4000	21.1	30.7	34.1	38.6	45.7	48.6	53.9	60.1	61.4	63.5	65.5	65.9	66.7	67.1	67.9	70.0
≥ 3500	21.9	32.0	35.6	40.1	47.3	50.3	55.5	61.8	63.1	65.2	67.3	67.6	68.5	68.9	69.6	71.8
≥ 3000	22.9	33.7	37.4	42.1	49.5	52.6	57.9	64.2	65.5	67.7	69.7	70.1	70.9	71.3	72.1	74.2
≥ 2500	23.3	34.4	38.2	43.0	50.5	53.5	58.9	65.3	66.6	68.8	70.8	71.2	72.0	72.5	73.2	75.3
≥ 2000	23.7	35.0	38.9	43.7	51.3	54.4	59.8	66.2	67.6	69.8	71.8	72.2	73.0	73.5	74.2	76.3
≥ 1800	23.8	35.1	39.1	43.9	51.5	54.6	60.0	66.5	67.9	70.1	72.1	72.5	73.3	73.8	74.5	76.7
≥ 1500	24.1	35.5	39.5	44.4	52.2	55.3	60.8	67.4	68.8	71.0	73.1	73.4	74.3	74.8	75.5	77.7
≥ 1200	24.4	35.9	40.0	45.1	53.0	56.2	62.0	68.8	70.2	72.4	74.5	74.9	75.8	76.2	77.0	79.1
≥ 1000	24.5	36.2	40.5	45.8	54.0	57.6	63.8	70.9	72.3	74.6	76.7	77.0	77.9	78.4	79.1	81.3
≥ 900	24.5	36.3	40.7	46.1	54.6	58.2	64.6	71.9	73.4	75.7	77.8	78.1	79.1	79.5	80.2	82.4
≥ 800	24.6	36.5	40.9	46.4	55.0	58.9	65.4	72.9	74.4	76.7	78.8	79.2	80.1	80.6	81.3	83.5
≥ 700	24.6	36.5	41.0	46.5	55.3	59.1	65.8	73.5	75.0	77.4	79.5	79.9	80.8	81.2	82.0	84.1
≥ 600	24.6	36.6	41.1	46.6	55.5	59.5	66.2	74.2	75.9	78.4	80.5	80.9	81.8	82.3	83.0	85.2
≥ 500	24.6	36.7	41.2	46.9	55.9	60.1	67.1	75.5	77.2	80.0	82.2	82.6	83.6	84.1	84.9	87.1
≥ 400	24.6	36.7	41.2	46.9	56.0	60.2	67.5	76.3	78.1	81.1	83.6	84.0	85.1	85.7	86.6	88.9
≥ 300	24.6	36.7	41.2	46.9	56.1	60.3	67.7	76.7	78.6	82.0	84.9	85.4	86.7	87.5	88.5	91.8
≥ 200	24.6	36.7	41.2	46.9	56.1	60.3	67.7	76.8	78.8	82.3	85.5	86.1	87.8	88.8	90.0	95.5
≥ 100	24.6	36.7	41.2	46.9	56.1	60.3	67.7	76.8	78.8	82.4	85.6	86.2	88.1	89.3	90.8	99.1
≥ 0	24.6	36.7	41.2	46.9	56.1	60.3	67.7	76.8	78.8	82.4	85.6	86.2	88.1	89.3	90.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-80 (YEARS) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.6	63.6	65.9	67.7	69.8	70.6	71.6	72.5	72.7	73.1	73.4	73.4	73.6	73.7	73.8	74.3
≥ 20000	56.7	66.3	68.7	70.6	72.8	73.7	74.7	75.8	76.0	76.4	76.7	76.8	76.9	77.1	77.2	77.7
≥ 18000	57.1	66.8	69.2	71.1	73.4	74.2	75.3	76.3	76.6	77.0	77.3	77.3	77.5	77.6	77.8	78.3
≥ 16000	57.2	66.9	69.3	71.2	73.5	74.3	75.4	76.5	76.7	77.1	77.4	77.5	77.7	77.8	77.9	78.4
≥ 14000	57.8	67.7	70.1	72.1	74.4	75.3	76.4	77.5	77.7	78.1	78.5	78.5	78.7	78.8	79.0	79.5
≥ 12000	58.8	68.8	71.4	73.4	75.8	76.7	77.8	78.9	79.2	79.6	79.9	80.0	80.2	80.3	80.5	81.0
≥ 10000	59.8	70.2	72.8	74.9	77.3	78.2	79.4	80.5	80.8	81.3	81.6	81.7	81.8	82.0	82.1	82.7
≥ 9000	60.1	70.5	73.1	75.2	77.7	78.6	79.8	80.9	81.2	81.6	82.0	82.0	82.2	82.4	82.5	83.1
≥ 8000	61.1	71.9	74.5	76.7	79.2	80.1	81.4	82.5	82.8	83.3	83.6	83.7	83.9	84.0	84.2	84.7
≥ 7000	61.8	72.8	75.5	77.7	80.3	81.2	82.4	83.7	83.9	84.4	84.8	84.8	85.0	85.1	85.3	85.8
≥ 6000	62.6	73.8	76.5	78.7	81.4	82.3	83.6	84.8	85.1	85.6	85.9	86.0	86.2	86.3	86.5	87.0
≥ 5000	63.5	75.0	77.9	80.2	82.9	83.8	85.1	86.4	86.6	87.1	87.5	87.5	87.7	87.8	88.0	88.5
≥ 4500	64.2	76.0	78.9	81.3	84.0	85.0	86.3	87.5	87.8	88.3	88.7	88.7	88.9	89.1	89.2	89.8
≥ 4000	64.7	76.9	79.8	82.2	85.0	86.0	87.3	88.6	88.9	89.3	89.7	89.8	90.0	90.1	90.2	90.8
≥ 3500	65.4	77.7	80.8	83.2	86.0	87.0	88.3	89.6	89.9	90.4	90.8	90.8	91.0	91.1	91.3	91.8
≥ 3000	66.0	78.7	81.8	84.3	87.2	88.2	89.5	90.9	91.2	91.7	92.0	92.1	92.3	92.4	92.6	93.1
≥ 2500	66.3	79.1	82.2	84.7	87.7	88.7	90.1	91.4	91.7	92.2	92.6	92.7	92.9	93.0	93.1	93.7
≥ 2000	66.5	79.4	82.6	85.1	88.0	89.1	90.5	91.8	92.2	92.7	93.0	93.1	93.3	93.4	93.6	94.1
≥ 1800	66.5	79.4	82.6	85.2	88.1	89.2	90.6	91.9	92.3	92.8	93.1	93.2	93.4	93.5	93.7	94.2
≥ 1500	66.6	79.6	82.8	85.4	88.4	89.5	91.0	92.4	92.7	93.2	93.6	93.6	93.8	94.0	94.1	94.7
≥ 1200	66.6	79.7	83.0	85.6	88.7	89.8	91.3	92.8	93.1	93.6	94.0	94.0	94.2	94.4	94.5	95.1
≥ 1000	66.7	79.8	83.1	85.8	88.9	90.1	91.7	93.2	93.5	94.0	94.4	94.5	94.7	94.8	95.0	95.5
≥ 900	66.7	79.9	83.2	85.9	89.1	90.2	91.9	93.4	93.7	94.2	94.6	94.7	94.9	95.0	95.2	95.7
≥ 800	66.7	79.9	83.2	86.0	89.2	90.4	92.1	93.6	94.0	94.5	94.9	95.0	95.2	95.3	95.5	96.0
≥ 700	66.7	79.9	83.3	86.0	89.3	90.5	92.2	93.9	94.2	94.8	95.1	95.2	95.4	95.6	95.7	96.3
≥ 600	66.7	80.0	83.3	86.1	89.4	90.7	92.4	94.1	94.5	95.1	95.5	95.5	95.7	95.9	96.0	96.6
≥ 500	66.7	80.0	83.4	86.2	89.5	90.8	92.7	94.5	94.9	95.5	95.9	96.0	96.2	96.3	96.5	97.1
≥ 400	66.7	80.0	83.4	86.2	89.6	90.9	92.8	94.7	95.2	95.8	96.3	96.4	96.6	96.7	96.9	97.5
≥ 300	66.7	80.0	83.4	86.2	89.6	91.0	92.9	94.9	95.4	96.1	96.6	96.7	97.0	97.2	97.5	98.2
≥ 200	66.7	80.0	83.4	86.2	89.6	91.0	92.9	94.9	95.4	96.2	96.8	96.9	97.3	97.5	97.8	99.1
≥ 100	66.7	80.0	83.4	86.2	89.6	91.0	92.9	94.9	95.4	96.2	96.8	97.0	97.4	97.7	98.0	99.8
≥ 0	66.7	80.0	83.4	86.2	89.6	91.0	92.9	94.9	95.4	96.2	96.8	97.0	97.4	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87628

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	20.7			11.5						12.9	54.9	7.0	863
	03-05	18.2			9.2						11.0	61.6	7.4	862
	06-08	10.6			11.5						15.6	62.2	8.0	876
	09-11	7.8			11.4						18.4	62.3	8.2	900
	12-14	9.4			14.9						19.3	56.4	7.8	907
	15-17	9.6			18.5						19.3	52.6	7.5	903
	18-20	16.2			21.1						15.2	47.4	6.7	900
	21-23	20.0			15.4						13.9	50.7	6.8	876
TOTALS		14.1			14.2						15.7	56.0	7.4	7087

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	27.5			20.0						15.8	36.7	5.7	815
	03-05	22.7			16.5						13.8	47.0	6.4	792
	06-08	11.2			18.8						18.8	51.1	7.4	792
	09-11	6.9			18.7						22.8	51.6	7.8	808
	12-14	6.3			20.8						26.4	46.5	7.6	826
	15-17	7.5			22.2						25.7	44.6	7.4	838
	18-20	15.0			24.3						21.1	39.5	6.6	838
	21-23	24.8			24.6						15.6	35.0	5.6	822
TOTALS		15.2			20.7						20.0	44.0	6.8	6531

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	42.1			20.7						10.9	26.3	4.2	924
	03-05	38.4			17.9						14.6	29.1	4.8	920
	06-08	18.1			28.8						21.2	31.9	6.0	911
	09-11	17.4			26.2						21.7	34.7	6.2	922
	12-14	12.6			26.8						26.3	34.3	6.6	928
	15-17	12.2			31.7						24.3	31.8	6.3	927
	18-20	22.4			29.6						23.3	24.7	5.5	928
	21-23	39.7			19.2						16.2	25.0	4.5	928
TOTALS		25.4			25.1						19.8	29.7	5.5	7388

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	56.4			15.4						13.5	14.6	3.1	895
	03-05	50.5			19.8						14.8	14.9	3.4	893
	06-08	32.1			30.7						18.4	18.8	4.5	893
	09-11	24.8			32.0						20.6	22.7	5.1	900
	12-14	19.2			33.7						21.8	25.3	5.5	898
	15-17	18.4			34.7						20.8	26.1	5.5	900
	18-20	25.9			34.6						20.0	19.6	4.8	900
	21-23	50.5			22.4						11.9	15.2	3.3	897
TOTALS		34.7			27.9						17.7	19.7	4.4	7176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	69.0			19.0						7.1	4.9	1.7	927
	03-05	55.3			30.3						8.6	5.8	2.3	930
	06-08	44.9			31.3						13.9	9.9	3.2	930
	09-11	40.4			31.8						15.6	12.2	3.6	930
	12-14	31.7			36.5						20.1	11.7	4.1	930
	15-17	29.8			38.2						20.5	11.5	4.1	930
	18-20	31.9			42.9						16.3	8.8	3.6	930
	21-23	58.9			24.5						9.9	6.7	2.3	930
TOTALS		45.2			31.8						14.0	8.9	3.1	7437

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	71.6			16.2						8.1	4.0	1.6	899
	03-05	54.3			29.0						11.9	4.8	2.4	900
	06-08	47.3			32.0						14.1	6.6	2.9	896
	09-11	43.1			34.7						13.1	9.2	3.1	894
	12-14	35.9			41.7						12.4	10.0	3.4	897
	15-17	32.5			42.8						14.9	9.8	3.6	899
	18-20	39.3			37.8						15.6	7.3	3.3	900
	21-23	64.7			21.4						9.1	4.8	1.9	900
TOTALS		48.6			32.0						12.4	7.1	2.8	7185

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	83.0			8.9						5.3	2.8	1.0	929
	03-05	69.2			22.4						5.8	2.6	1.5	930
	06-08	62.0			26.9						9.0	2.0	1.8	930
	09-11	59.4			30.7						7.9	2.0	1.8	929
	12-14	48.9			41.2						7.6	2.3	2.1	930
	15-17	48.4			40.9						9.4	1.4	2.2	930
	18-20	56.6			32.1						9.7	1.6	2.0	929
	21-23	77.3			14.8						5.7	2.2	1.2	930
TOTALS		63.1			27.2						7.6	2.1	1.7	7437

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	82.4			9.8						4.8	3.0	1.0	930
	03-05	74.1			16.6						5.9	3.4	1.4	929
	06-08	58.1			28.9						9.5	3.5	2.1	927
	09-11	56.3			30.7						9.0	4.0	2.1	929
	12-14	47.4			38.3						9.4	5.0	2.5	927
	15-17	45.6			39.9						9.5	5.1	2.6	928
	18-20	55.3			33.5						7.9	3.2	2.0	927
	21-23	76.4			15.4						5.7	2.5	1.2	927
TOTALS		62.0			26.6						7.7	3.7	1.9	7424

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	78.7			12.4						5.3	3.6	1.2	900
	03-05	78.2			12.6						6.8	2.4	1.2	900
	06-08	58.4			26.5						11.1	4.0	2.2	895
	09-11	59.2			23.8						12.5	4.6	2.3	899
	12-14	54.0			28.2						11.7	6.1	2.5	900
	15-17	50.8			31.1						11.9	6.2	2.6	900
	18-20	59.7			25.8						9.9	4.7	2.1	900
	21-23	73.6			16.3						6.0	4.1	1.4	900
TOTALS		64.1			22.1						9.4	4.5	1.9	7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	65.3			14.9						10.5	9.3	2.3	926
	03-05	64.8			15.3						10.7	9.2	2.3	916
	06-08	41.0			30.6						14.8	13.6	3.6	899
	09-11	40.4			30.6						13.8	15.2	3.7	900
	12-14	38.4			28.9						16.3	16.3	4.0	912
	15-17	35.0			29.9						20.1	15.0	4.2	914
	18-20	49.0			24.6						14.8	11.6	3.2	922
	21-23	61.7			18.1						9.1	11.1	2.5	929
TOTALS		49.5			24.1						13.8	12.7	3.2	7318

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	40.5			20.4						11.6	27.4	4.4	827
	03-05	34.9			19.1						13.4	32.6	5.0	800
	06-08	17.4			23.7						22.6	36.3	6.4	853
	09-11	18.2			23.5						18.6	39.8	6.4	857
	12-14	18.1			25.0						21.8	35.0	6.2	871
	15-17	18.3			27.8						20.6	33.3	6.0	880
	18-20	31.6			24.9						15.6	28.0	4.9	868
	21-23	40.4			19.0						12.2	28.4	4.5	849
TOTALS		27.4			22.9						17.1	32.6	5.5	6805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	26.0			15.7						8.7	49.6	6.2	804
	03-05	23.4			12.3						11.3	53.0	6.7	807
	06-08	14.5			11.9						14.0	59.6	7.6	837
	09-11	12.5			12.0						16.4	59.0	7.7	839
	12-14	12.7			17.5						20.3	49.5	7.3	879
	15-17	14.9			23.7						17.7	43.8	6.7	875
	18-20	26.4			17.7						17.1	38.8	5.9	848
	21-23	28.3			16.5						10.7	44.5	5.9	820
TOTALS		19.8			15.9						14.5	49.7	6.8	6709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	14.1			14.2						15.7	56.0	7.4	7087
FEB		15.2			20.7						20.0	44.0	6.8	6531
MAR		25.4			25.1						19.8	29.7	5.5	7388
APR		34.7			27.9						17.7	19.7	4.4	7176
MAY		45.2			31.8						14.0	8.9	3.1	7437
JUN		48.6			32.0						12.4	7.1	2.8	7185
JUL		63.1			27.2						7.6	2.1	1.7	7437
AUG		62.0			26.6						7.7	3.7	1.9	7424
SEP		64.1			22.1						9.4	4.5	1.9	7194
OCT		49.5			24.1						13.8	12.7	3.2	7318
NOV		27.4			22.9						17.1	32.6	5.5	6805
DEC		19.8			15.9						14.5	49.7	6.8	6709
TOTALS		39.1			24.2						14.1	22.6	4.3	85691

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations 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: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}$F from directly converted values but excludes no Fahrenheit values.

   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.

E

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 (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and 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 seperate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
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DAILY TEMPERATURES

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.4	.4						.1
105					.2	3.5	3.4	.9	.4				.7
100					.9	10.7	22.8	12.3	4.5				4.3
95				.3	6.4	24.3	56.4	38.9	17.4	1.7			12.3
90				3.2	17.6	44.6	81.2	69.4	40.0	8.1			22.3
85			.3	8.7	34.2	65.6	94.5	87.2	65.0	19.5	.5		31.6
80			2.0	22.8	54.1	84.1	98.7	96.9	85.1	38.6	1.7		40.7
75	.1	.4	9.0	40.1	72.3	94.9	99.6	99.2	96.3	64.2	8.9		49.1
70	.2	4.3	23.3	60.3	87.5	99.0	100.0	99.8	99.5	83.6	22.1	.1	56.9
65	2.6	18.5	47.2	77.4	96.2	99.6		99.9	100.0	95.0	43.4	3.6	65.5
60	12.9	46.6	76.4	89.9	98.8	100.0				99.1	67.6	17.2	75.8
55	37.3	79.9	93.9	97.5	100.0			100.0		100.0	87.2	43.1	86.6
50	66.8	94.1	98.8	99.8							97.6	68.2	93.7
45	87.9	99.2	99.9	100.0							99.9	88.6	97.9
40	97.8	100.0	100.0								100.0	97.5	99.6
35	99.6											99.7	99.9
30	100.0											100.0	100.0
MEAN	52.3	59.2	64.5	71.9	80.4	88.3	94.8	92.2	87.4	77.5	63.4	52.8	73.7
S D	6.462	5.994	6.983	9.247	9.224	8.656	6.160	6.421	7.270	8.026	7.709	6.749	16.405
TOTAL OBS	992	904	992	960	992	960	992	992	929	961	929	960	11563

GLOBAL CLIMATOLOGY BRANCH
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DAILY TEMPERATURES

23203 CASTLE AFB CA 49-80
STATION STATION NAME 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
95							.1						.0
80							.3						.0
75						.8	2.2	1.3					.4
70					.2	5.9	14.4	8.7	2.6				2.7
65					1.9	16.9	41.1	27.7	11.2				8.4
60	.1			.7	10.1	37.5	74.4	66.5	40.5	5.6	.3	.1	19.9
55	.9	.7	.8	7.8	35.6	73.1	96.9	95.4	81.7	27.9	2.8	.7	35.6
50	5.8	9.4	10.0	31.2	74.6	97.5	100.0	100.0	96.9	63.2	14.5	5.9	51.0
45	18.2	30.1	40.2	68.5	94.1	99.8			99.7	89.3	40.8	16.4	66.6
40	36.9	57.1	75.6	92.3	99.5	100.0			100.0	98.0	74.0	39.2	81.1
35	66.1	84.6	93.9	99.2	100.0					99.8	92.1	67.9	92.0
33	75.4	92.9	98.0	100.0						100.0	95.9	76.0	94.8
30	87.9	97.9	99.5								99.6	90.3	97.9
25	98.3	100.0	100.0								100.0	99.6	99.8
20	100.0											99.9	100.0
15												100.0	100.0
MEAN	37.7	41.0	43.0	47.0	52.7	58.5	63.4	62.0	58.5	51.2	43.2	37.9	49.7
S D	7.078	6.091	5.152	5.204	5.322	5.877	5.371	4.931	4.843	5.380	5.893	6.632	10.612
TOTAL OBS	992	904	992	960	992	960	992	992	929	961	929	960	11563

USAFETAC FORM JUL 64 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23203 (STATION) CASTLE AFB CA (STATION NAME) 49-80 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95							.3						.0
90						1.5	2.6	.6					.4
85					.4	7.8	16.6	8.7	2.3				3.0
80					4.0	19.4	50.4	34.6	13.0	.2			10.3
75				1.0	13.6	42.2	80.0	69.1	39.4	5.8			21.2
70			.1	7.3	34.4	69.4	96.6	93.9	74.8	20.0			33.3
65			1.9	24.0	61.6	92.2	100.0	99.6	95.2	49.4	2.3		44.1
60	1.2	2.4	14.4	50.2	85.2	99.4		99.9	99.7	79.4	14.5	1.0	54.3
55	6.2	20.5	45.1	77.3	97.5	100.0		100.0	100.0	95.5	44.0	6.6	66.3
50	23.4	55.8	81.8	94.4	99.7					99.6	75.1	24.1	79.6
45	50.6	88.2	97.0	99.7	100.0					100.0	93.5	56.8	90.4
40	83.6	98.6	100.0	100.0							100.0	86.1	97.3
35	98.2	100.0										98.7	99.7
30	100.0											100.0	100.0
MEAN	45.2	50.3	54.0	59.7	66.8	73.6	79.3	77.3	73.1	64.6	53.5	45.6	61.9
S D	5.633	4.855	5.055	6.497	6.792	6.878	5.381	5.213	5.475	5.886	5.618	5.530	13.108
TOTAL OBS	992	904	992	960	992	960	992	992	929	961	929	960	11563

USAFETAC FORM JUL 64 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	61	71	74	91	96	103	105	100	102	95	89	64	105
50	75	77	79	93	101	109	109	107	106	95	83	72	109
51	64	68	82	90	105	98	107	106	103	99	81	67	107
52	65	70	82	92	98	100	104	101	104	98	82	66	104
53	73	74	84	90	93	99	105	101*	105	97	80	63	105
54	64	72	71	92	96	108	107	97	98	94	75	64	108
55	57	69	76	80	97	100	102	104	106	90	80	67	106
56	59	64	78	87	93	109	107	99	97	88	79	64	109
57	59	73	80	91	96	108	103	101	102	85	70	63	108
58	65	71	67	83	94	98	103	102	101	95	78	68	103
59	68	72	80	86	92	105	110	102	96	94	77	67	110
60	65	64	86	85	96	107	108	103	98	91	79	61	108
61	65	69	75	91	87	112	111	103	98	97	76	62	112
62	61	64	77	97	96	102	106	103	97	90	78	69	106
63	63	69	74	74	94	101	99	100	105	91	71	52	105
64	61	68	80	91	91	109	104	100	96	95	69	68	109
65	64	71	78	91	97	97	103	98	92	90	74	56	103
66	63	72	85	92	99	106	104	103	100	91	81	62	106
67	61	69	72	64	100	104	106	103	93	85	79	61	106
68	65	73	81	89	94	101	104	102	94	82	68	61	104
69	64	65	78	86	96	95	104	103	102	87	79	69	104
70	67	74	80	83	102	104	107	107	100	95	76	63	107
71	63	67	74	86	88	99	103	105	100	93	74	60	105
72	57	69	84	90	99	106	110	102	96	89	73	62	110
73	62	65	68	92	106	109	106	102	95	87	76	62	109
74	69	69	71	85	99	102	105	102	100	92	70	60	105
75	65	74	69	76	98	101	102	100	100	94	72	64	102
76	68	72	78	86	104	108	104	102	100	90	81	62	108
77	61	76	75	85	97	103	104	101	103	88*	74*	63	104
78	61	66	74	75	95	101	103	105	99	95	78	56	105
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	58	63	71	79	96	103	104	102	101	91	74	69	104
80	69	69	73	84	94	99	104	103					
MEAN	63.8	69.7	76.8	86.1	96.5	103.3	105.1	102.2	99.5	91.7	76.7	63.5	106.4
S D	4.185	3.651	5.048	6.852	4.295	4.291	2.620	2.302	3.665	4.117	4.705	4.345	2.473
TOTAL OBS	992	904	992	960	992	960	992	992	929	961	929	960	11563

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23203 CASTLE AFB CA 49-80
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	20	25	38	38	45	50	52	51	48	37	38	26	20
50	22	28	30	42	42	47	56	52	43	43	39	35	22
51	27	29	29	38	44	46	52	54	51	44	35	28	27
52	26	33	33	41	41	47	54	54	48	43	30	36	26
53	34	29	30	35	44	49	54	53*	54	41	35	28	28
54	30	34	33	43	43	49	56	53	51	41	31	25	25
55	27	28	33	36	45	50	51	53	50	45	35	33	27
56	33	31	32	40	48	52	55	54	54	36	34	25	25
57	28	31	36	42	48	54	58	53	55	48	34	31	28
58	33	37	36	42	48	55	57	63	49	49	29	32	29
59	30	31	42	46	44	51	58	54	49	45	35	30	30
60	25	35	37	42	43	53	58	53	51	42	33	29	25
61	27	34	36	38	46	55	56	57	51	37	32	28	27
62	26	28	36	48	47	49	56	52	50	41	30	25	25
63	22	40	33	34	42	50	50	54	56	42	34	29	22
64	26	29	27	35	37	50	51	54	48	40	29	30	26
65	27	30	37	35	40	50	55	56	47	43	34	25	25
66	25	29	29	38	50	47	54	54	48	40	31	26	25
67	28	33	34	33	43	50	54	56	55	43	36	19	19
68	23	34	34	33	39	49	55	52	44	43	32	26	23
69	28	32	33	39	43	53	55	57	53	40	32	26	26
70	25	34	37	34	46	53	58	56	49	37	39	30	25
71	25	28	25	33	43	44	57	57	42	33	33	27	25
72	26	29	34	40	47	50	56	53	50	35	34	23	23
73	27	37	38	42	47	54	54	52	55	45	34	36	27
74	28	31	31	37	40	51	53	55	54	44	31	24	24
75	22	30	31	33	37	48	52	55	53	35	28	25	22
76	22	33	31	35	46	47	54	57	52	41	30	27	22
77	28	31	33	40	40	52	53	57	50	45*	32*	32	28
78	35	37	38	38	39	52	52	55	47	42	32	25	25
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23203 (STATION) CASTLE AFB CA (STATION NAME) 49-80 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	27	30	35	39	44	51	55	56	55	40	34	31	27
80	32	33	38	39	43	48	54	54					
MEAN	27.0	31.7	33.7	38.4	43.6	50.2	54.5	54.6	50.3	41.3	33.1	28.0	24.9
S D	3.672	3.308	3.674	3.858	3.301	2.681	2.199	2.313	3.610	3.779	2.808	3.913	2.526
TOTAL OBS	992	904	992	960	992	960	992	992	929	961	929	960	11563

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
62/ 61				.1														1	1		
60/ 59		.2	.5	.1														8	8		
58/ 57		1.0	.5		.3													17	17	5	
56/ 55		1.7	1.5		.1													31	31	17	6
54/ 53		1.9	1.7	.3														37	37	20	21
52/ 51		3.3	2.2	.3														54	54	51	25
50/ 49	.4	3.7	1.1	.2	.1													51	51	40	41
48/ 47	.5	5.7	1.1	.1														69	69	73	57
46/ 45		4.2	1.7	.2														57	57	58	53
44/ 43	.2	6.9	2.0	.4														89	89	70	63
42/ 41	1.5	7.8	2.5	.2														112	112	91	78
40/ 39	1.7	8.2	3.1	.1														122	122	124	84
38/ 37	1.4	5.9	2.9	.1														96	96	104	97
36/ 35	.3	4.5	2.3															66	66	81	95
34/ 33		3.8	1.1															45	45	79	69
32/ 31	.1	3.5	.4	.1														39	39	51	63
30/ 29	.1	1.2	.8															19	19	30	60
28/ 27	.6	.6																12	12	24	54
26/ 25	.1	.1	.1															3	3	8	36
24/ 23		.2																2	2	2	10
22/ 21																				2	8
20/ 19																					3
18/ 17																					4
14/ 13																					3
TOTAL	7.1	64.5	25.5	2.4	.5													930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6659408	78260	84.2	8.912	930		7.5					93
Dry Bulb	1720978	39450	42.4	7.153	930		11.7					93
Wet Bulb	1566336	37610	40.4	6.987	930		24.1					93
Dew Point	1392599	35241	37.9	7.846	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

 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/ 61			.2															2	2		
60/ 59			.4															4	4		
58/ 57		1.0	.4		.1													14	14	3	
56/ 55		.9	.9	.8	.3	.2												28	28	14	5
54/ 53	.1	2.0	1.6	.3	.2													40	40	21	19
52/ 51		3.3	1.0															40	40	28	24
50/ 49	.3	4.6	2.6															70	70	57	29
48/ 47	.5	3.1	.3		.1													38	38	76	53
46/ 45		6.5	1.1															70	70	49	68
44/ 43		5.3	1.1	.1														60	60	60	51
42/ 41	1.5	4.9	1.8	.4														81	81	80	71
40/ 39	2.9	8.9	2.6	.5														139	139	90	74
38/ 37	1.8	6.0	1.5	.1														88	88	119	82
36/ 35	.3	7.1	2.0															88	88	84	93
34/ 33	.5	3.4	2.6															61	61	86	65
32/ 31	.1	4.0	.4															42	42	62	81
30/ 29	.2	2.9	.3															32	32	46	57
28/ 27	.3	1.2	.2															16	16	28	63
26/ 25	.5	.4	.1															10	10	17	50
24/ 23	.1	.6																7	7	4	21
22/ 21																				6	12
18/ 17																					7
16/ 15																					2
14/ 13																					3
TOTAL	9.4	66.2	21.2	2.3	.8	.2												930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6765349	78867	84.8	9.114	930							
Dry Bulb	1641908	38436	41.3	7.581	930		10.7					93
Wet Bulb	1500377	36723	39.5	7.358	930		16.3					93
Dew Point	1336051	34419	37.0	8.184	930		29.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.5	.1														6	6		
60/ 59		.1																1	1		
58/ 57		.8	.4	.1														12	12	6	
56/ 55		1.6	.8	.4														26	26	13	10
54/ 53		1.7	2.6	.2														42	42	20	14
52/ 51	.2	1.8	1.4	.1														33	33	28	27
50/ 49	.3	5.3	1.6	.1														68	68	46	29
48/ 47	.5	3.0	1.0		.2													44	44	79	41
46/ 45	.6	5.8	1.1	.2	.1													73	73	58	80
44/ 43	.1	5.1	.4	.3														55	55	55	52
42/ 41	1.1	4.8	1.7	.4	.3													78	78	77	55
40/ 39	2.7	8.1	1.7	.1														117	117	80	82
38/ 37	1.6	8.0	1.3															101	101	106	74
36/ 35	.9	6.8	1.6															86	86	97	97
34/ 33	.3	4.4	2.7															69	69	80	59
32/ 31	.3	3.9	.1															40	40	63	79
30/ 29	.2	3.3	.3															36	36	53	60
28/ 27	.3	1.6	.2															20	20	35	63
26/ 25	.2	1.1																12	12	14	44
24/ 23	.3	.6																9	9	12	32
22/ 21	.1	.1																2	2	7	16
20/ 19																				1	4
18/ 17																					4
16/ 15																					6
14/ 13																					2
TOTAL	9.9	67.8	19.5	2.2	.6														930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6791511	79033	85.0	8.994	930							
Dry Bulb	1616869	38097	41.0	7.781	930		11.9					93
Wet Bulb	1480410	36432	39.2	7.569	930		18.5					93
Dew Point	1319715	34147	36.7	8.424	930		31.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

 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
66/ 65					.1													1	1		
64/ 63			.3															3	3		
62/ 61		.1	.3															4	4		
60/ 59		.9	1.0	.2	.2													21	21	6	
58/ 57		1.0	1.1	.3	.1													23	23	14	6
56/ 55		1.5	2.7	1.0	.1	.1												50	50	20	17
54/ 53	.1	1.4	3.1	1.1	.5													58	58	26	18
52/ 51		2.6	3.3	.5	.5	.1												66	66	61	22
50/ 49	.2	2.9	2.5	.9	.2													62	62	69	50
48/ 47	.1	4.6	1.9	1.7	.3													81	81	69	62
46/ 45	.4	4.7	2.9	1.5	.7													91	91	78	76
44/ 43	.4	6.8	4.2	1.0	.6													121	121	83	68
42/ 41	1.3	4.7	2.6	.9	.2													90	91	120	78
40/ 39	2.0	6.2	3.1	.4														110	110	125	95
38/ 37	1.6	5.2	1.0	.2														74	74	106	93
36/ 35	.2	2.8	.8															35	35	70	106
34/ 33	.2	1.0	.1	.1														13	13	41	79
32/ 31	.1	1.3	.3															16	16	20	64
30/ 29	.2	.8																9	9	14	39
28/ 27		.1																1	1	6	29
26/ 25																				1	11
24/ 23																					9
22/ 21																					5
20/ 19																					2
TOTAL	7.0	48.5	31.2	9.8	3.2	.2													930		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6227288	75326	81.1	11.354	929							
Dry Bulb	1943025	42027	45.2	6.867	930		2.6					93
Wet Bulb	1727534	39608	42.6	6.470	929		4.1					93
Dew Point	1500580	36714	39.5	7.314	929		15.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

 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
70/ 69							.1											1	1		
68/ 67				.2		.2												4	4		
66/ 65			.5	.2			.3											10	10		
64/ 63		.1	1.1	.2		.3	.3	.2										21	21	1	
62/ 61		.4	.4	.8	.3	.4	.8											29	29	7	
60/ 59		.4	1.4	1.1	.9	.5	.4											44	44	18	6
58/ 57		.8	1.8	1.9	1.5	.5	.1											62	62	15	19
56/ 55		.6	4.4	3.3	1.1	.3	.2											93	93	31	13
54/ 53		2.0	3.3	2.0	1.6	.3	.1											88	88	48	14
52/ 51		1.7	3.9	2.5	2.0	.4												98	98	101	42
50/ 49	.3	2.0	2.3	2.8	1.4	.8	.3											92	92	110	64
48/ 47		2.8	2.0	2.5	2.3	.6												95	95	94	63
46/ 45		2.9	5.8	2.6	1.4	.2												120	121	93	89
44/ 43	.1	3.3	2.0	.6	.3													60	60	100	86
42/ 41	.9	3.3	2.5	.2														64	64	141	87
40/ 39	.5	1.7	.6															27	27	102	94
38/ 37	.4	1.6	.1															20	20	48	124
36/ 35		.1																1	1	19	73
34/ 33																				1	63
32/ 31																					35
30/ 29																					24
28/ 27																					15
26/ 25																					6
24/ 23																					8
22/ 21																					4
TOTAL	2.3	24.0	32.3	21.0	12.8	4.7	2.7	.2											930		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5021632	66942	72.1	14.604	929							
Dry Bulb	2406180	46918	50.4	6.495	930			.5				93
Wet Bulb	2003689	42809	46.1	5.781	929							93
Dew Point	1628936	38320	41.2	7.213	929		9.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
70/ 69					.1													1	1		
68/ 67				.2	.1	.2		.2										7	7		
66/ 65			.1	.4	.4		.5	.2										16	16		
64/ 63		.1	.8	.4	.2	.5	.9	.8										34	34		
62/ 61		.4	.4	.9	.4	.3	.4											27	27	8	
60/ 59		.4	1.1	1.2	1.1	.5	.4											44	44	17	3
58/ 57		.6	2.5	2.5	1.2	.2	.2											67	67	18	14
56/ 55		1.2	4.3	3.3	1.7	.5	.5											108	108	34	9
54/ 53		2.2	2.7	3.1	2.4	.9	.2											106	106	65	26
52/ 51		1.3	3.3	2.7	2.2	1.0	.2	.1										100	100	122	46
50/ 49	.1	1.4	2.3	2.3	1.0	1.9	.5											88	88	92	62
48/ 47		1.4	4.3	4.1	1.3	1.0												112	112	93	71
46/ 45		2.5	3.4	2.0	1.6	.2												91	91	99	84
44/ 43	.4	3.1	2.5	.4	.1													61	61	125	67
42/ 41	.2	2.6	1.8															43	43	110	106
40/ 39	.2	1.0	.4															15	15	96	95
38/ 37		.4	.6															10	10	40	115
36/ 35																				11	71
34/ 33																					53
32/ 31																					38
30/ 29																					14
28/ 27																					30
26/ 25																					8
24/ 23																					9
22/ 21																					2
20/ 19																					5
18/ 17																					2
TOTAL	1.0	18.6	30.5	23.5	13.8	7.3	4.0	1.3										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4660803	64281	69.1	15.310	930							
Dry Bulb	2509381	47945	51.6	6.365	930			.8				93
Wet Bulb	2048240	43328	46.6	5.647	930							93
Dew Point	1622285	38215	41.1	7.480	930		10.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
66/ 65				.1														1	1		
64/ 63			.3	.2														5	5		
62/ 61		.2	.6		.1													9	9		
60/ 59		.4	1.2	.2	.2	.1												20	20	10	
58/ 57		.9	.3	.5	.3	.1												20	20	12	12
56/ 55		1.8	3.4	.9	.4	.2	.2											65	65	20	7
54/ 53		3.2	3.9	1.0	.8	.4	.1											87	87	30	22
52/ 51		2.9	3.5	.9	.5													73	73	78	34
50/ 49	.2	4.3	2.8	1.2	1.1													89	89	80	59
48/ 47	.2	3.5	4.3	3.1	.6	.2												112	112	84	79
46/ 45		4.6	4.6	1.9	.5	.3												112	112	80	69
44/ 43	.3	4.9	3.4	1.2	.8	.2												101	101	111	59
42/ 41	.6	6.6	3.9	1.1	.2													115	115	141	80
40/ 39	1.4	1.7	2.9	.8	.2													65	65	122	129
38/ 37		2.0	1.2	.3														33	33	68	93
36/ 35		.8	.8															14	14	56	80
34/ 33		.5	.1	.1														7	7	25	61
32/ 31		.2																2	2	11	61
30/ 29																				1	34
28/ 27																				1	19
26/ 25																					16
24/ 23																					6
22/ 21																					4
20/ 19																					3
18/ 17																					3
TOTAL	2.8	38.7	37.3	13.4	5.8	1.6	.3												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5719495	71981	77.4	12.632	930							
Dry Bulb	2106017	43893	47.2	6.086	930		.2					93
Wet Bulb	1832609	40909	44.0	5.969	930		1.3					93
Dew Point	1553402	37368	40.2	7.477	930		14.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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
62/ 61		.1	.4	.3														8	8		
60/ 59		.2	.6															8	8	3	
58/ 57		1.1	.2	.1				.1										14	14	8	4
56/ 55		1.4	1.7	.1														30	30	20	10
54/ 53		3.1	2.6	.2		.1												56	56	15	19
52/ 51		4.0	2.6	.1	.3													65	65	55	20
50/ 49	.3	3.8	1.1	.8														55	55	69	58
48/ 47	.4	4.2	2.3	.9														72	72	63	63
46/ 45	.2	4.9	3.2	.2														80	80	54	52
44/ 43	.9	8.8	3.2	.6	.1													127	127	90	64
42/ 41	1.0	7.7	3.4	1.3	.1													126	126	138	72
40/ 39	1.8	5.7	3.4	.9														110	110	126	117
38/ 37	1.1	5.2	2.3	.2														81	81	91	109
36/ 35		3.0	1.8	.2														47	47	86	88
34/ 33		2.0	1.0	.1														29	29	51	68
32/ 31		.8	.1															8	8	36	54
30/ 29	.1	.9	.3															12	12	14	61
28/ 27			.2															2	2	6	35
26/ 25																				3	21
24/ 23																				2	3
22/ 21																					5
20/ 19																					1
18/ 17																					3
16/ 15																					3
TOTAL	5.8	56.9	30.5	6.0	.5	.1		.1										930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6411292	76656	82.4	9.998	930							
Dry Bulb	1844547	40971	44.1	6.527	930		2.2					93
Wet Bulb	1662291	38859	41.8	6.447	930		6.1					93
Dew Point	1461188	36196	38.9	7.512	930		18.6					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
70/ 69					.0		.0											2	2		
68/ 67				.1	.0	.1		.0										11	11		
66/ 65			.1	.1	.1		.1	.0										28	28		
64/ 63		.0	.3	.1	.0	.1	.1	.1										63	63	1	
62/ 61		.2	.4	.3	.1	.1	.1											86	86	15	
60/ 59		.3	.8	.3	.3	.1	.1											150	150	54	9
58/ 57		.9	.9	.7	.4	.1	.0	.0										229	229	81	55
56/ 55		1.3	2.5	1.2	.5	.2	.1											431	431	169	77
54/ 53	.0	2.2	2.7	1.0	.7	.2	.1											514	514	245	153
52/ 51	.0	2.5	2.6	.9	.7	.2	.0	.0										529	529	524	240
50/ 49	.3	3.5	2.0	1.0	.5	.3	.1											575	575	563	392
48/ 47	.3	3.5	2.2	1.5	.6	.2												623	623	631	489
46/ 45	.2	4.5	3.0	1.1	.5	.1												694	695	569	571
44/ 43	.3	5.5	2.4	.6	.2	.0												674	674	694	510
42/ 41	1.0	5.3	2.5	.6	.1													709	710	898	627
40/ 39	1.7	5.2	2.2	.3	.0													705	705	865	770
38/ 37	1.0	4.3	1.4	.1														503	503	682	767
36/ 35	.2	3.1	1.2	.0														337	337	504	703
34/ 33	.1	1.9	.9	.0														224	224	363	517
32/ 31	.1	1.7	.2	.0														147	147	243	475
30/ 29	.1	1.1	.2															108	108	156	349
28/ 27	.2	.4	.1															51	51	100	308
26/ 25	.1	.2	.0															25	25	43	192
24/ 23	.1	.2																18	18	20	98
22/ 21	.0	.0																2	2	15	56
20/ 19																				1	18
18/ 17																					23
16/ 15																					11
14/ 13																					8
TOTAL	5.6	48.2	28.5	10.1	4.8	1.8	.9	.2											7440		7438
																		7438		7438	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	48256778	591346	79.5	12.927	7438							
Dry Bulb	15788905	337737	45.4	7.841	7440		35.1	1.3				744
Wet Bulb	13821494	316278	42.5	7.080	7438		58.0					744
Dew Point	11814756	290620	39.1	7.861	7438		153.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
60/ 59			.4															3	3		
58/ 57		.4	.5	.1	.2	.1												11	11		
56/ 55		.8	2.0	.2	.2													28	28	8	1
54/ 53		1.2	3.4	.5	.2													45	45	13	8
52/ 51		3.4	3.5	.1														60	60	35	12
50/ 49		6.1	4.1	.8														94	94	65	37
48/ 47		9.7	3.2	.5														113	113	102	57
46/ 45	.4	9.6	3.2	.1														112	112	118	81
44/ 43	.2	12.3	3.7	.2	.1													140	140	123	118
42/ 41	.5	7.2	3.7	.4	.1													100	100	137	114
40/ 39	.2	6.5	2.0	.2														76	76	98	127
38/ 37		3.3	.5	.1														33	33	70	104
36/ 35	.1	2.1	.1															20	20	45	83
34/ 33	.1	.6	.1															7	7	23	43
32/ 31	.1	.4																4	4	7	33
30/ 29																				2	15
28/ 27																					4
26/ 25																					5
24/ 23																					2
22/ 21																					1
20/ 19																					1
TOTAL	1.7	63.6	30.4	3.3	.9	.1													846		846
																		846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5849174	70042	82.8	7.712	846
Dry Bulb	1778015	38537	45.6	5.169	846
Wet Bulb	1601964	36580	43.2	4.900	846
Dew Point	1416254	34310	40.6	5.417	846

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
	.4					84
	.9					84
	6.1					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	FEB
STATION	STATION NAME	YEARS	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
58/ 57		.4	.5		.2													9	9		
56/ 55		.5	1.8	.5	.1													24	24	4	
54/ 53		1.3	2.2	.6	.2													37	37	10	5
52/ 51	.2	1.4	3.1	.2														42	42	35	12
50/ 49	.1	4.6	3.7															71	71	40	28
48/ 47		8.5	3.3	.1														101	101	77	39
46/ 45		8.0	1.9	.1														85	85	113	73
44/ 43	.7	10.2	3.7	.1														124	124	102	96
42/ 41	.6	8.6	1.7	.1														93	93	124	110
40/ 39		9.2	2.1	.6	.1													102	102	93	105
38/ 37	.4	6.9	1.3	.2														74	74	90	114
36/ 35	.7	4.5	.6															49	49	92	93
34/ 33	.5	2.6	.1															27	27	38	81
32/ 31		.8																7	7	21	35
30/ 29		.1																1	1	6	30
28/ 27																				1	13
26/ 25																					9
24/ 23																					1
22/ 21																					2
TOTAL	3.2	67.6	25.9	2.6	.7														846		846
																		846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6024867	71117	84.1	7.425	846							
Dry Bulb	1655856	37118	43.9	5.686	846		.8					84
Wet Bulb	1501423	35355	41.8	5.319	846		2.8					84
Dew Point	1334444	33256	39.3	5.669	846		8.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
60/ 59					.2													2	2		
58/ 57		.1	.6	.2														8	8		
56/ 55		.6	1.3	.6	.1													22	22	4	
54/ 53		.5	2.5	.9														33	33	12	4
52/ 51	.4	1.5	1.9	.4														35	35	24	10
50/ 49		4.4	3.7	.2														70	70	41	19
48/ 47		8.5	2.5	.1														94	94	73	45
46/ 45	.1	9.7	2.7	.1														107	107	115	64
44/ 43	.7	7.3	2.1	.2														88	88	103	108
42/ 41	1.1	7.8	1.7	.1														90	90	98	109
40/ 39	.2	10.5	1.8															106	106	93	81
38/ 37	.9	7.0	1.3	.1														79	79	104	115
36/ 35	.2	5.4	.8	.1														56	56	71	94
34/ 33	.8	3.4	.1															37	37	63	69
32/ 31		2.1																18	18	36	59
30/ 29		.1																1	1	8	37
28/ 27																				1	24
26/ 25																					4
24/ 23																					3
22/ 21																					1
TOTAL	4.5	69.0	22.9	3.2	.4													846		846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6071306	71386	84.4	7.514	846							
Dry Bulb	1621133	36693	43.4	5.926	846		1.9					84
Wet Bulb	1473361	34997	41.4	5.506	846		4.5					84
Dew Point	1309077	32919	38.9	5.772	846		12.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | FEB MONTH

 0900-110 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 P
70/ 69					.1													1	1		
66/ 65						.1	.1		.1									3	3		
64/ 63				.1	.4	.1												5	5		
62/ 61				.8	.8													14	14	1	
60/ 59		.1	1.2	1.4	.8	.5		.1										35	35		
58/ 57		.2	1.8	2.7	.9	.5												52	52	3	
56/ 55	.1	.5	3.3	4.1	.9	.2												77	77	31	
54/ 53	.2	.9	6.5	3.2	.8	.1												100	100	48	
52/ 51	.1	1.8	6.9	2.8	.8													105	105	90	3
50/ 49	.5	5.1	7.8	2.7	.2	.1												139	139	117	5
48/ 47	.5	5.4	4.7	1.9	.1													107	107	150	10
46/ 45	.7	4.8	3.3	.9	.1	.1												85	85	144	14
44/ 43	.5	3.2	2.1	.5														53	53	106	12
42/ 41	.1	2.7	.8	.1	.1													33	33	73	11
40/ 39	.4	1.8	.5	.1														23	23	45	9
38/ 37	.4	.9	.1															12	12	28	8
36/ 35		.2																2	2	8	4
34/ 33																				2	1
32/ 31																					1
30/ 29																					1
28/ 27																					2
24/ 23																					3
TOTAL	3.4	27.8	39.0	21.5	6.1	1.8	.1	.1	.1									846	846		846
																				846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5068979	64771	76.6	11.410	846							
Dry Bulb	2158729	42485	50.2	5.460	846			.1				84
Wet Bulb	1855070	39430	46.6	4.529	846							84
Dew Point	1574130	36242	42.8	5.050	846		2.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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
74/ 73								.4										3	3		
72/ 71							.8	.1										8	8		
70/ 69					.2	.6	.6	.2										14	14		
68/ 67					.2	1.1	.4	.5	.1	.1	.2							22	22		
66/ 65				.2	1.1	1.8	.9	.4	.2									39	39		
64/ 63				.5	1.3	1.9	.9	.2										41	41		
62/ 61			.4	1.9	2.8	2.0	.6	.1										66	66	5	
60/ 59		.1	1.2	3.5	2.8	1.8	.5											84	84	23	
58/ 57		.2	1.7	4.6	4.5	1.2	.6											108	108	41	1
56/ 55		.5	4.1	7.0	4.0	1.7	.4	.1										150	150	58	7
54/ 53		1.1	3.9	5.1	2.5	.9	.1											115	115	124	24
52/ 51		.7	2.8	3.1	1.8	.2	.1											74	74	143	45
50/ 49	.5	1.8	2.7	1.7	.5	.1												61	61	162	90
48/ 47	.2	1.3	1.2	.8	.2													32	32	130	123
46/ 45		.7	.7	.2														14	14	85	133
44/ 43		.7	.2															8	8	45	113
42/ 41	.1	.2	.1															4	4	23	113
40/ 39																				4	71
38/ 37		.4																3	3		50
36/ 35																				3	34
34/ 33																					13
32/ 31																					19
30/ 29																					3
28/ 27																					2
26/ 25																					3
24/ 23																					2
TOTAL	.8	7.7	19.0	28.6	22.0	13.2	5.9	2.0	.4	.1	.2							846	846		846
																				846	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3644877	54369	64.3	13.359	846							
Dry Bulb	2728586	47792	56.5	5.831	846			4.7	.3			84
Wet Bulb	2145270	42446	50.2	4.303	846							84
Dew Point	1659571	37193	44.0	5.378	846		2.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
76/ 75								.2	.4									5	5		
74/ 73							.4	.5	.5									11	11		
72/ 71						.1	.7	.4	.4	.1								14	14		
70/ 69						.4	1.1	.6	.4									20	20		
68/ 67					.4	.7	.7	.6	.1	.1								22	22		
66/ 65				.4	.8	1.2	1.4	.1	.5									37	37		
64/ 63				.7	1.5	3.7	1.4	.8										69	69		
62/ 61			.2	1.3	3.5	2.0	1.2	.5										74	74	8	
60/ 59			.6	3.2	4.1	3.1	.5	.4										100	100	29	
58/ 57		.2	2.1	4.7	5.3	1.2	.7	.4										124	124	44	
56/ 55		.9	4.0	2.5	4.6	3.4	.4	.2										136	136	60	7
54/ 53		.2	3.4	4.1	1.9	1.3	.7											99	99	148	24
52/ 51		.5	2.8	1.8	1.1	.5												56	56	162	48
50/ 49	.1	1.1	2.2	1.5	.2													44	44	138	92
48/ 47		.2	1.7	.8														23	23	117	113
46/ 45		.1	.6															6	6	75	131
44/ 43		.4																3	3	43	103
42/ 41																				19	109
40/ 39																					67
38/ 37		.4																3	3		46
36/ 35																				3	41
34/ 33																					34
32/ 31																					10
30/ 29																					13
28/ 27																					5
26/ 25																					1
24/ 23																					1
22/ 21																					1
TOTAL	.1	4.0	17.7	21.0	23.5	17.5	9.1	1.6	2.1	.2								846	846		846
																				846	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3240240	51352	60.3	13.739	846							
Dry Bulb	2874388	49052	58.0	5.988	846			7.1	1.6			84
Wet Bulb	2191760	42904	50.7	4.342	846							84
Dew Point	1635741	36885	43.6	5.713	846		3.1					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

 1800-200((HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	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					
72/ 71							.1												1	1		
70/ 69						.1	.1												2	2		
68/ 67						.1	.1												2	2		
66/ 65					.4	.7	.1												10	10		
64/ 63				.6	1.2			.1											16	16		
62/ 61			.1	.9	.8	.4	.2	.1											22	22		
60/ 59			1.3	1.5	2.8	.7	.2												56	56	4	
58/ 57		.2	2.7	3.7	1.2	.6	.1												72	72	21	
56/ 55		.5	5.0	4.9	2.1	.1	.1												107	107	35	3
54/ 53		1.7	6.6	3.9	1.5	.4													119	121	72	17
52/ 51		2.3	7.1	4.0	1.7	.5	.1												132	132	110	36
50/ 49		3.3	7.1	2.5	1.1	.4													121	121	140	78
48/ 47	.1	4.4	3.9	2.0	.8														95	95	165	111
46/ 45	.1	1.3	3.2	.9	.4														50	50	127	140
44/ 43		.7	1.5	.1															20	20	78	130
42/ 41		1.3	.2																13	13	52	101
40/ 39		.1	.1																2	2	29	73
38/ 37		.4																	3	3	7	58
36/ 35		.1																	1	1	3	43
34/ 33																					1	25
32/ 31																						14
30/ 29																						6
28/ 27																						5
26/ 25																						3
24/ 23																						1
TOTAL	.2	16.2	39.0	25.1	14.0	3.9	1.3	.2												846		844
																			844		844	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4443926	60456	71.6	11.600	844							
Dry Bulb	2361898	44486	52.6	5.177	846			.5				84
Wet Bulb	1962117	40527	48.0	4.37	844							84
Dew Point	1608576	36568	43.3	5.357	844		2.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1	.1														2	2		
60/ 59			.8	.6														12	12		
58/ 57		.1	1.4	.4	.2													18	18	2	
56/ 55		.6	3.5	1.5														48	48	11	
54/ 53		2.2	5.3	1.5	.6	.1												83	83	26	11
52/ 51		3.3	8.3	.5	.5													106	106	63	22
50/ 49		5.6	5.4	1.9	.5													113	113	92	55
48/ 47	.2	12.1	4.1	1.8	.2													156	156	136	78
46/ 45	.1	7.7	4.6	1.3	.1													117	117	160	111
44/ 43	.1	5.8	3.7	.7	.1													88	88	127	150
42/ 41	.2	4.3	1.7	.2														54	54	103	111
40/ 39	.1	1.4	1.4															25	25	66	99
38/ 37		1.1	.5	.1														14	14	30	88
36/ 35		.9																8	8	17	48
34/ 33	.1	.1																2	2	13	30
32/ 31																					28
30/ 29																					10
28/ 27																					2
26/ 25																					3
TOTAL	.9	45.2	40.9	10.6	2.2	.1													846		846
																		846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5448544	67486	79.8	8.780	846							
Dry Bulb	1976771	40687	48.1	4.865	846							84
Wet Bulb	1746354	38246	45.2	4.528	846							84
Dew Point	1516891	35555	42.0	5.173	846		4.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
76/ 75								.0	.0									5	5		
74/ 73							.0	.1	.1									14	14		
72/ 71						.0	.2	.1	.0	.0								23	23		
70/ 69					.0	.1	.2	.1	.0									37	37		
68/ 67					.1	.2	.1	.1	.0	.0	.0							46	46		
66/ 65				.1	.3	.5	.3	.1	.1									89	89		
64/ 63				.2	.5	.7	.3	.1										131	131		
62/ 61			.1	.6	1.0	.5	.3	.1										178	178	14	
60/ 59		.0	.7	1.3	1.4	.8	.1	.1										292	292	56	
58/ 57		.2	1.4	2.1	1.6	.4	.2	.0										402	402	111	1
56/ 55	.0	.6	3.1	2.7	1.5	.7	.1	.0										592	592	211	22
54/ 53	.0	1.1	4.2	2.5	1.0	.4	.1											631	633	453	101
52/ 51	.1	1.9	4.6	1.6	.7	.1	.0											610	610	662	217
50/ 49	.1	4.0	4.6	1.4	.3	.1												713	713	795	451
48/ 47	.1	6.3	3.1	1.0	.2													721	721	950	673
46/ 45	.2	5.2	2.5	.5	.1	.0												576	576	937	876
44/ 43	.3	5.1	2.1	.2	.0													524	524	727	946
42/ 41	.3	4.0	1.2	.1	.0													387	387	629	880
40/ 39	.1	3.7	1.0	.1	.0													334	334	428	714
38/ 37	.2	2.5	.5	.1														221	221	329	656
36/ 35	.1	1.7	.2	.0														136	136	242	481
34/ 33	.2	.8	.0															73	73	140	312
32/ 31	.0	.4																29	29	64	208
30/ 29		.0																2	2	16	124
28/ 27																				2	57
26/ 25																					28
24/ 23																					13
22/ 21																					5
20/ 19																					1
TOTAL	1.9	37.6	29.4	14.5	8.7	4.6	2.1	.9	.3	.0	.0								6768		6766
																		6766		6766	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39791913	510679	75.5	13.578	6766							
Dry Bulb	17155376	336850	49.8	7.592	6768		3.1	12.4	1.9			672
Wet Bulb	14477319	310485	45.9	5.824	6766		8.1					672
Dew Point	12054684	282928	41.8	5.751	6766		43.3					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

 0000-0200 (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				
60/ 59			.6		.1													7	7		
58/ 57		.6	1.0	.2														17	17		
56/ 55		1.6	2.9	.8	.2													51	51	16	
54/ 53		3.9	5.1	.8	.1	.3	.1											95	95	35	15
52/ 51		3.7	5.5	1.0	.2	.3	.3											102	102	72	44
50/ 49		5.4	5.5	1.6	.2	.8												125	125	87	64
48/ 47		5.9	4.6	2.2	.8	.6												131	131	118	70
46/ 45		6.9	5.8	1.5	.6													138	138	119	96
44/ 43		4.1	6.3	1.6	.8													119	119	122	98
42/ 41		3.1	3.3	1.1	.1													71	71	122	99
40/ 39		1.7	1.6	.3	.1													35	35	109	102
38/ 37		1.3	1.2	.2	.1													26	26	72	81
36/ 35		.2	.9	.1														11	11	31	80
34/ 33		.1	.1															2	2	19	60
32/ 31																				7	36
30/ 29																				1	28
28/ 27																					25
26/ 25																					18
24/ 23																					5
22/ 21																					6
20/ 19																					2
18/ 17																					1
TOTAL		38.5	44.4	11.3	3.3	2.0	.4											930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5657033	71717	77.1	11.672	930							93
Dry Bulb	2121989	44183	47.5	4.967	930							93
Wet Bulb	1846143	41155	44.3	5.180	930		.8					93
Dew Point	1565387	37605	40.4	6.945	930		12.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
60/ 59			.4															4	4		
58/ 57		.2	.4		.1													7	7		
56/ 55		1.6	1.3	.4														31	31	8	
54/ 53		1.7	3.4	.3	.2	.2												55	55	23	11
52/ 51		4.7	4.3		.1	.4												89	89	36	24
50/ 49		4.4	3.0	.8	.4	.1												81	81	93	33
48/ 47		5.7	3.5	.4	.2	.8												99	99	71	82
46/ 45	.1	9.1	5.3	1.1	.6	.3												154	154	109	72
44/ 43	.1	7.3	5.7	.8	.3	.2												134	134	125	93
42/ 41	.2	4.9	5.6	.8	.5													112	112	128	102
40/ 39		3.5	3.7	.4	.3													74	74	111	92
38/ 37		3.1	1.9	.1														48	48	105	94
36/ 35		.6	2.0															25	25	59	103
34/ 33		.3	.9	.2														13	13	31	74
32/ 31		.3	.1															4	4	19	39
30/ 29																				11	27
28/ 27																				1	34
26/ 25																					28
24/ 23																					8
22/ 21																					9
20/ 19																					4
18/ 17																					1
TOTAL	.4	47.7	41.6	5.3	2.9	2.0												930	930		930
																		930		930	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5928715	73509	79.0	11.290	930							
Dry Bulb	1945314	42246	45.4	5.316	930		.4					93
Wet Bulb	1713836	39600	42.6	5.455	930		3.1					93
Dew Point	1466549	36353	39.1	7.001	930		15.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

 0600-0800 (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.	Dry Bulb	Wet Bulb	Dew Point
62/ 61			.1															1	1		
60/ 59			.2	.1	.2													5	5		
58/ 57		.1	.9	.2	.4	.1	.1											17	17	2	
56/ 55		2.3	1.6	.3	.2													41	41	5	1
54/ 53		1.9	4.3	.8	.1	.1	.1											68	68	33	11
52/ 51		3.8	3.9	.8	.4	.6												88	88	45	23
50/ 49		4.4	4.2	1.4	.3	.2												98	98	84	40
48/ 47		7.2	5.2	1.5	.6	.5												140	140	93	81
46/ 45	.1	6.7	5.1	.5	.9	.1												124	124	127	79
44/ 43	.1	4.8	4.3	.8	.5													98	98	117	107
42/ 41	.2	4.7	3.9	.5	.1													88	88	116	106
40/ 39	.5	2.9	3.2	1.0	.1													72	72	114	94
38/ 37		3.1	2.0	.2														50	50	76	82
36/ 35		1.5	1.0															23	23	62	86
34/ 33		.2	.8	.2														11	11	34	69
32/ 31		.5																5	5	11	52
30/ 29																				10	32
28/ 27																					28
26/ 25																					19
24/ 23																					11
22/ 21																					6
20/ 19																					2
TOTAL	1.0	44.2	40.6	8.3	4.0	1.7	.2											929	929	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5825787	72779	78.3	11.568	929							
Dry Bulb	2007200	42866	46.1	5.616	929		.5					93
Wet Bulb	1757047	40077	43.1	5.505	929		2.1					93
Dew Point	1494674	36710	39.5	6.890	929		15.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

 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
72/ 71						.1		.2	.1									4	4		
70/ 69					.1	.2	.1			.1								5	5		
68/ 67					.5	.4	.4	.3										16	16		
66/ 65			.1	.8	.3	.1	.2	.1	.1									16	16		
64/ 63			.3	.9	.9	1.2	.5	.6										41	41		
62/ 61			.9	1.8	1.6	1.4	.4	.3										60	60	4	
60/ 59		.2	1.8	2.9	2.5	1.3	1.0	.2										92	92	22	1
58/ 57		.6	4.0	2.9	3.0	1.1	.6											114	114	32	3
56/ 55		1.4	4.9	5.5	2.4	1.5	1.2											157	157	64	21
54/ 53		.6	3.9	4.1	2.5	1.7	.6	.1										126	126	118	36
52/ 51		.5	3.2	4.2	1.9	.5	.4											101	101	126	60
50/ 49		1.4	3.4	2.4	1.8	.4	.2											90	90	139	94
48/ 47		1.0	1.8	1.8	.4	.2												49	49	136	86
46/ 45		1.0	1.4	1.2	.2													35	35	120	93
44/ 43		.3	1.0	.3	.1													16	16	75	128
42/ 41		.3	.3															6	6	58	78
40/ 39		.1	.1															2	2	26	93
38/ 37																				9	55
36/ 35																				1	55
34/ 33																					56
32/ 31																					39
30/ 29																					8
28/ 27																					7
26/ 25																					9
24/ 23																					7
22/ 21																					1
TOTAL		7.5	27.2	28.7	18.3	10.2	5.8	1.9	.2	.1								930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4103026	60420	65.0	13.829	930							
Dry Bulb	2840053	51139	55.0	5.491	930			2.5				93
Wet Bulb	2257758	45596	49.0	4.898	930							93
Dew Point	1748352	39810	42.8	6.900	930		7.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
80/ 79								.1										1	1		
78/ 77									.2		.1							3	3		
76/ 75							.4	.1	.3	.6	.2	.2						18	18		
74/ 73							.5	.3	.3	.4								15	15		
72/ 71					.2	.4	.9	.2	.4	.2	.3							25	25		
70/ 69					.8	1.7	.6	.5	.5	.6								45	45		
68/ 67				.4	1.2	1.1	.8	.9	.9	.3								51	51		
66/ 65				.9	2.0	1.6	1.8	1.4	1.0	.2								83	83	1	
64/ 63				1.7	2.8	2.6	1.9	1.3	.5	.1								102	102	8	
62/ 61			.3	2.2	3.3	3.8	1.3	1.5	.2									117	117	31	
60/ 59			.9	3.4	2.4	2.4	1.9	.8	.6									115	115	51	2
58/ 57		.2	.9	2.4	5.3	2.0	1.2	.9										119	119	76	12
56/ 55			1.5	2.0	3.1	2.3	1.2	.5										99	99	104	29
54/ 53		.3	1.0	1.5	2.3	.5	.2											54	54	127	47
52/ 51			.6	2.2	.5	.5	.1											37	37	140	61
50/ 49		.4	.9	.8	.1													20	20	140	76
48/ 47		.3	.9	.5	.1													17	17	112	90
46/ 45			.3	.1														4	4	80	82
44/ 43			.2	.1														3	3	38	93
42/ 41			.1															1	1	15	117
40/ 39		.1																1	1	6	70
38/ 37																				1	63
36/ 35																					65
34/ 33																					45
32/ 31																					33
30/ 29																					16
28/ 27																					8
26/ 25																					11
24/ 23																					7
22/ 21																					1
20/ 19																					2
TOTAL		1.4	7.5	18.2	24.1	18.9	12.9	8.5	5.1	2.6	.6	.2							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2890656	50170	53.9	14.080	930							
Dry Bulb	3459509	56417	60.7	6.316	930			15.8	3.7			93
Wet Bulb	2511445	48109	51.7	4.950	930							93
Dew Point	1764805	39939	42.9	7.308	930		7.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

 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
80/ 79									.2	.1								3	3		
78/ 77									.3	.8		.4						14	14		
76/ 75						.1	.3	.3	.6	.3	.4	.2						22	22		
74/ 73						.1	.4	.4	.4	.3		.1						17	17		
72/ 71						1.8	1.1	.5	.5	.3	.5	.1						46	46		
70/ 69					1.0	.9	1.3	.8	1.0	.8	.3							55	55		
68/ 67				.4	1.4	1.3	1.2	1.0	1.1	.4	.1							64	64		
66/ 65			.2	.6	2.2	1.8	1.7	2.5	.9	.6								98	98	1	
64/ 63			.1	.9	1.5	2.8	1.4	1.6	1.5	.1								92	92	11	
62/ 61			.4	1.9	2.8	2.2	1.7	1.8	.2	.2								105	105	48	
60/ 59			.9	1.2	3.9	4.2	2.2	1.2	.6	.1								132	132	60	1
58/ 57		.1	1.7	1.6	2.3	1.5	1.0	1.1	.5									91	91	72	12
56/ 55			1.1	.8	2.9	1.9	1.3	.6	.1									81	81	93	34
54/ 53		.3	.9	.1	1.6	.6	.4											37	37	121	52
52/ 51		.2	1.4	1.5	.5	.2												36	36	165	54
50/ 49		.1	.5	.4	.4	.2												16	16	119	74
48/ 47		.2	.4	.5	.1													12	12	94	67
46/ 45		.3	.1															4	4	77	100
44/ 43			.2															2	2	46	84
42/ 41																				15	70
40/ 39		.3																3	3	5	80
38/ 37																				3	71
36/ 35																					72
34/ 33																					33
32/ 31																					45
30/ 29																					29
28/ 27																					17
26/ 25																					11
24/ 23																					14
22/ 21																					3
20/ 19																					6
18/ 17																					1
TOTAL		1.6	8.0	10.0	20.5	19.7	14.0	11.8	8.1	4.1	1.4	.9						930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2622841	47209	50.8	15.611	930							
Dry Bulb	3601766	57540	61.9	6.701	930			22.1	5.6	.2		93
Wet Bulb	2538627	48349	52.0	5.193	930							93
Dew Point	1713796	39196	42.1	8.158	930		12.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
76/ 75							.1				.1							2	2			
74/ 73								.1	.1									2	2			
72/ 71					.1	.2		.3	.1	.1								8	8			
70/ 69					.4	.2	.2		.1	.1	.1							11	11			
68/ 67				.3	.8	.2	.1	.3	.2	.2								20	20			
66/ 65			.1	1.2	1.3	1.0	.3	.3	.3	.1								40	40			
64/ 63			.1	1.7	1.4	.9	.8	.3										48	48	3		
62/ 61			1.2	1.8	1.5	1.5	1.0	.6	.1	.1								73	73	12		
60/ 59		.3	2.3	2.5	1.6	1.5	1.2	.6	.1									94	94	27		
58/ 57		.6	3.3	3.7	3.1	1.3	1.5	.5										131	131	57	8	
56/ 55		.3	3.5	3.8	2.5	1.7	1.7	.4										130	130	65	35	
54/ 53		.9	3.1	2.2	2.4	2.8	1.3	.2										119	119	96	49	
52/ 51		.9	2.9	2.6	2.5	1.0	.9											99	99	123	47	
50/ 49		1.0	2.6	1.5	.9	.8	.2											64	64	136	89	
48/ 47		1.1	1.6	1.3	.6	.3												46	46	113	88	
46/ 45		.5	1.2	.6	.2	.1												25	25	113	81	
44/ 43		.5	.4	.2														11	11	87	98	
42/ 41		.2	.3															5	5	55	68	
40/ 39		.1	.1															2	2	31	88	
38/ 37																				10	50	
36/ 35																				2	58	
34/ 33																					36	
32/ 31																					56	
30/ 29																					21	
28/ 27																					20	
26/ 25																					19	
24/ 23																					11	
22/ 21																					5	
20/ 19																					3	
TOTAL		6.5	22.8	23.3	18.9	13.4	9.2	3.9	1.1	.6	.2								930		930
																		930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3769615	57349	61.7	15.842	930							
Dry Bulb	2961109	52187	56.1	5.927	930			4.3	.4			93
Wet Bulb	2289631	45879	49.3	5.322	930							93
Dew Point	1716991	39245	42.2	8.096	930		13.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65				.1		.1												2	2		
64/ 63				.3	.1					.1								5	5		
62/ 61			.9	.2	.3			.1	.1									15	15		
60/ 59		.2	2.4	.6	.4		.1	.1										36	36	2	
58/ 57		.4	3.3	1.0	.6	.2	.1	.2	.1									56	56	15	
56/ 55		1.9	5.8	3.1	1.1	.3	.2	.1										117	117	37	9
54/ 53		2.5	6.3	2.7	.9	1.1		.1										126	126	68	34
52/ 51		2.2	6.0	2.4	1.7	1.6	.3											132	132	96	46
50/ 49		2.2	6.1	3.1	1.1	1.3	.1											129	129	113	83
48/ 47		2.8	4.5	3.0	1.7	.8												119	119	119	90
46/ 45		2.3	4.6	1.7	1.2													91	91	115	86
44/ 43		2.6	1.8	1.3	.4	.2												59	59	130	93
42/ 41		.5	1.1	.3														18	18	114	101
40/ 39		.9	.6															14	14	58	82
38/ 37		.2	.5	.1														8	8	45	77
36/ 35			.3															3	3	9	51
34/ 33																				7	49
32/ 31																				2	42
30/ 29																					23
28/ 27																					34
26/ 25																					17
24/ 23																					8
22/ 21																					2
20/ 19																					1
18/ 17																					2
TOTAL		18.6	44.4	20.0	9.6	5.6	.9	.6	.2	.1								930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4920943	66425	71.4	13.786	930							93
Dry Bulb	2420414	47208	50.8	5.091	930							93
Wet Bulb	2022588	43102	46.3	5.185	930		.2					93
Dew Point	1642163	38457	41.4	7.475	930		12.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | MAR MONTH

ALL 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								.0	.0	.0								4	4		
78/ 77									.1	.1	.0	.1						17	17		
76/ 75						.0	.1	.1	.1	.1	.1	.1						42	42		
74/ 73						.0	.1	.1	.1	.1		.0						34	34		
72/ 71					.0	.3	.2	.2	.1	.1	.1	.0						83	83		
70/ 69					.3	.4	.3	.2	.2	.2	.1							116	116		
68/ 67				.1	.5	.4	.3	.3	.3	.1	.0							151	151		
66/ 65			.1	.4	.7	.6	.5	.5	.3	.1								239	239	2	
64/ 63			.1	.7	.8	.9	.6	.5	.3	.0								288	288	22	
62/ 61			.5	1.0	1.2	1.1	.6	.6	.1	.0								371	371	95	
60/ 59		.1	1.2	1.3	1.4	1.2	.8	.4	.2	.0								485	485	162	4
58/ 57		.4	1.9	1.5	1.9	.8	.6	.3	.1									552	552	254	35
56/ 55		1.1	2.8	2.1	1.5	1.0	.7	.2	.0									707	707	392	129
54/ 53		1.5	3.5	1.5	1.3	.9	.3	.1										680	680	621	255
52/ 51		2.0	3.5	1.8	1.0	.7	.3											684	684	803	359
50/ 49		2.4	3.3	1.5	.7	.5	.1											623	623	911	553
48/ 47		3.0	2.8	1.4	.6	.4												613	613	856	654
46/ 45	.0	3.3	3.0	.8	.5	.1												575	575	860	689
44/ 43	.0	2.5	2.5	.6	.3	.1												442	442	740	794
42/ 41	.1	1.7	1.8	.3	.1													301	301	623	741
40/ 39	.1	1.2	1.2	.2	.1													203	203	460	701
38/ 37		1.0	.7	.1	.0													132	132	321	573
36/ 35		.3	.5	.0														62	62	164	570
34/ 33		.1	.2	.1														26	26	91	422
32/ 31		.1	.0															9	9	39	342
30/ 29																				22	184
28/ 27																				1	173
26/ 25																					132
24/ 23																					71
22/ 21																					33
20/ 19																					20
18/ 17																					5
TOTAL	.2	20.8	29.6	15.6	12.7	9.2	5.4	3.3	1.8	.9	.3	.1						7439	7439	7439	7439

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35718616	499578	67.2	17.075	7439							
Dry Bulb	21357354	393786	52.9	8.298	7439		.9	44.7	9.7	.2		744
Wet Bulb	16937085	351867	47.3	6.283	7439		6.2					744
Dew Point	13112717	307315	41.3	7.489	7439		96.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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
70/ 69							.1	.1										2	2		
66/ 65							.1											1	1		
64/ 63					.6	.3												8	8		
62/ 61				.2	.6	.2												9	9		
60/ 59		.1	.6	.8	.6	.2	.2	.3	.1									26	26		
58/ 57	.1	.2	1.0	1.4	1.4	.3	.4	.2	.1									48	48	6	2
56/ 55		.3	1.8	2.3	2.1	.1	.2	.1										63	63	17	1
54/ 53		1.1	5.0	3.6	1.9	.6	.3	.2										114	114	33	5
52/ 51		3.4	7.7	3.7	1.7	.2	.2											152	152	63	16
50/ 49		2.9	8.1	4.4	1.7		.1											155	155	122	48
48/ 47		2.9	5.7	3.1	.3	.2												110	110	158	68
46/ 45		3.3	5.3	1.0	.6	.1												93	93	150	104
44/ 43		3.4	2.8	.3	.3													62	62	146	119
42/ 41		2.2	1.4	.4														37	37	117	125
40/ 39		1.2	.2															13	13	52	136
38/ 37		.4	.1															5	5	26	116
36/ 35		.1	.1															2	2	7	63
34/ 33																				3	41
32/ 31																					16
30/ 29																					9
28/ 27																					11
26/ 25																					8
24/ 23																					6
22/ 21																					3
20/ 19																					3
TOTAL	.1	21.8	39.8	21.3	11.7	2.3	1.8	1.0	.2										900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4777398	64550	71.7	12.819	900							
Dry Bulb	2288901	45163	50.2	5.011	900			.2				90
Wet Bulb	1905772	41238	45.8	4.251	900							90
Dew Point	1537537	36845	40.9	5.694	900		5.6					90

USAFETAC FORM AUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITION - IF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
62/ 61				.1	.1	.1												3	3		
60/ 59			.2	.4	.3													9	9		
58/ 57		.1	.6	.4	.7		.2	.2										20	20		
56/ 55		.3	1.2	1.1	.8		.2	.2										35	35	4	
54/ 53		.7	4.1	2.2	.9	.2	.2											75	75	19	3
52/ 51		3.1	6.8	3.2	.6	.1	.4											128	128	31	10
50/ 49		2.9	5.0	2.4	.7	.1	.2											102	102	93	28
48/ 47		4.7	7.7	2.3	.8	.4												143	143	120	51
46/ 45		6.1	6.3	1.9	.4													133	133	146	89
44/ 43		5.1	5.3	1.1	.2													106	106	140	104
42/ 41		4.2	2.2	.7	.2													66	66	137	137
40/ 39	.1	4.2	1.3	.7														57	57	107	134
38/ 37	.1	1.0	.2															12	12	68	116
36/ 35		.4	.3															7	7	21	95
34/ 33	.1	.3																4	4	9	43
32/ 31																				5	37
30/ 29																					13
28/ 27																					15
26/ 25																					16
24/ 23																					6
22/ 21																					3
TOTAL	.3	33.2	41.3	16.7	5.7	1.0	1.3	.4											900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5242409	67833	75.4	12.018	900							
Dry Bulb	2054667	42767	47.5	4.995	900							90
Wet Bulb	1755195	39545	43.9	4.429	900		.5					90
Dew Point	1451359	35785	39.8	5.631	900		9.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
70/ 69							.1											1	1		
68/ 67						.2	.1			.1								4	4		
66/ 65					.1		.1			.1								3	3		
64/ 63				.2	.2	.8	.4											15	15		
62/ 61				.3	.9	.4	.3	.2	.2									22	22		
60/ 59			.3	1.1	1.1	.7	.2	.2	.1									34	34	1	
58/ 57		.1	1.4	2.2	2.0	.7	.1	.2										61	61	9	
56/ 55		.6	2.2	2.9	1.8	.6	.7	.1										79	79	15	2
54/ 53		1.3	5.4	3.3	1.1	.9	.2											111	111	56	8
52/ 51		2.0	5.8	4.6	1.3	.8	.1											131	131	77	22
50/ 49		1.9	5.8	2.1	.6	.4												97	97	116	48
48/ 47		3.1	6.0	2.3	.6	.2												110	110	140	72
46/ 45		4.1	4.1	1.2	.6													90	90	147	104
44/ 43		3.4	2.3	.8														59	59	125	114
42/ 41		2.6	1.3	.2	.1													38	38	92	134
40/ 39		1.8	1.0	.2														27	27	64	125
38/ 37		1.0	.6	.1														15	15	36	93
36/ 35			.2															2	2	14	58
34/ 33	.1																	1	1	6	39
32/ 31																				2	25
30/ 29																					28
28/ 27																					7
26/ 25																					15
24/ 23																					6
TOTAL	.1	21.9	36.6	21.7	10.3	5.7	2.4	.8	.3	.2								900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4719029	63989	71.1	13.730	900							
Dry Bulb	2327630	45456	50.5	5.947	900			.5				90
Wet Bulb	1919864	41344	45.9	4.788	900		.2					90
Dew Point	1538727	36831	40.9	5.917	900		8.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
84/ 83											.2							2	2		
82/ 81											.1	.1						2	2		
80/ 79										.2	.1							3	3		
78/ 77								.1	.1	.2	.1	.2						7	7		
76/ 75								.2	.2	.1	.1	.2						8	8		
74/ 73							.2	1.1	1.0	.1	.2							24	24		
72/ 71							1.2	1.0	.2	.7	.4	.1						33	33		
70/ 69					.2	.3	1.8	1.4	.9	.1	.6							48	48		
68/ 67					.4	2.0	2.2	2.0	.4	.7								70	70		
66/ 65				.3	1.6	2.7	2.3	2.0	.3	.3								86	86		
64/ 63				.2	2.1	3.7	1.9	.8	.4	.1								83	83	5	
62/ 61			.2	1.6	3.9	2.2	2.0	1.1	.2									101	101	12	
60/ 59			.3	1.7	3.1	3.8	1.0	.8	.1									97	97	49	
58/ 57		.1	.6	2.8	4.8	1.6	1.1	.4										102	102	78	
56/ 55		.4	.7	2.8	4.1	1.1	.6											87	87	102	7
54/ 53		.1	.6	2.8	2.8	1.2	.1											68	68	152	22
52/ 51		.4	1.1	1.6	1.0													37	37	139	45
50/ 49		.3	1.2	.8	.1	.1												23	23	138	77
48/ 47			1.2	.2	.1													14	14	119	104
46/ 45			.1															1	1	66	111
44/ 43		.2																2	2	32	113
42/ 41		.2																2	2	4	123
40/ 39																				4	106
38/ 37																					63
36/ 35																					32
34/ 33																					26
32/ 31																					37
30/ 29																					19
28/ 27																					4
26/ 25																					11
TOTAL		1.9	6.0	14.7	24.2	18.7	14.4	11.0	4.0	2.6	1.9	.7						900	900		900
																				900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2656609	47295	52.6	13.802	900							
Dry Bulb	3406054	55034	61.1	6.736	900			19.7	4.6	.6		90
Wet Bulb	2430354	46598	51.8	4.439	900							90
Dew Point	1670588	38392	42.7	6.047	900		7.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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
90/ 89													.1	.2				3	3		
88/ 87												.1	.1	.1				3	3		
86/ 85												.1	.1					2	2		
84/ 83										.1	.3	.2	.3		.1			10	10		
82/ 81										.6	.4	.7	.6	.2	.1			23	23		
80/ 79									.1	1.2	1.0	.8	.3	.1				32	32		
78/ 77								.1	1.0	1.8	.4	.7	.4	.1				41	41		
76/ 75								.9	1.8	2.0	1.1	.6	.2					59	59		
74/ 73							.7	1.2	2.3	1.4	1.2	.4						66	66		
72/ 71					.2	.2	2.0	2.3	3.1	1.6	.8	.3						95	95		
70/ 69					.1	1.4	2.1	2.2	2.3	.8	.8							88	88		
68/ 67					.4	1.3	2.3	2.0	1.9	.7	.2							80	80		
66/ 65					.4	1.3	2.7	1.8	1.6	.4								74	74	6	
64/ 63				.1	.9	3.1	2.3	1.3	.3	.2								75	75	21	
62/ 61				.3	.9	2.8	2.2	.9	.4									68	68	56	
60/ 59		.1	.3	.4	1.0	2.6	1.9	.6	.1									63	63	107	
58/ 57		.1		.7	1.6	2.0	.3	.2										44	44	120	5
56/ 55		.1		.9	1.4	.7	.1											29	29	127	3
54/ 53		.1	.2	.8	.8													17	17	134	20
52/ 51		.3	.1	.4	.2													10	10	117	53
50/ 49		.4	.6	.3	.1													13	13	108	76
48/ 47		.1	.2															3	3	65	80
46/ 45																				32	98
44/ 43																				5	121
42/ 41		.1																1	1		100
40/ 39			.1															1	1	1	90
38/ 37																				1	85
36/ 35																					55
34/ 33																					36
32/ 31																					31
30/ 29																					10
28/ 27																					20
26/ 25																					14
24/ 23																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

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
TOTAL		1.4	1.6	4.0	8.1	15.4	16.7	13.6	15.0	10.8	6.3	3.9	2.2	.8	.2			900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1749717	37673	41.9	13.863	900							
Dry Bulb	4152936	60720	67.5	7.918	900			50.2	23.9	6.0		90
Wet Bulb	2670485	48845	54.3	4.664	900							90
Dew Point	1628836	37832	42.0	6.548	900		7.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
92/ 91														.1	.2			3	3		
90/ 89														.2				2	2		
88/ 87													.3	.1				4	4		
86/ 85												.2	.9	.1				11	11		
84/ 83										.2	.7	.4	.8	.4	.2			25	25		
82/ 81										.2	1.2	1.0	.8	.4	.3			36	36		
80/ 79									.2	.7	1.3	1.1	.7	.7				42	42		
78/ 77									1.0	1.2	1.3	.8	.2	.1				42	42		
76/ 75							.2	.7	2.0	2.2	2.3	.4	.3					74	74		
74/ 73						.1	.9	1.0	2.4	2.1	1.1	1.3						81	81		
72/ 71						.6	1.6	2.0	1.7	1.2	1.1	.8						80	80		
70/ 69						1.0	1.8	1.6	3.1	1.0	1.0	.1						86	86		
68/ 67					.1	.6	1.6	2.0	.8	1.9	.3							65	65		
66/ 65					.2	1.7	3.3	1.8	1.3	.2								77	77	9	
64/ 63					.4	1.7	2.3	1.3	1.3	.1								65	65	25	
62/ 61		.2	.2		.7	1.1	1.8	1.9	.7	.2								61	61	67	
60/ 59		.1	.4	.4	.3	1.9	.4	.3	.2									38	38	102	2
58/ 57			.3	.3	.6	1.0	.9											28	28	137	2
56/ 55			.2	.8	.4	1.0												22	22	131	8
54/ 53		.2	.7	.9	.3	.1												20	20	119	21
52/ 51		.1	1.0	.6	.2													17	17	95	40
50/ 49		.1	.7	.4	.1													12	12	105	61
48/ 47		.2	.2															4	4	63	68
46/ 45		.2	.2															4	4	34	102
44/ 43		.1																1	1	10	101
42/ 41																				3	104
40/ 39																					100
38/ 37																					70
36/ 35																					51
34/ 33																					49
32/ 31																					47
30/ 29																					15
28/ 27																					21
26/ 25																					24

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

USAFETAC FORM 0-26-5 (OL A) 844 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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
24/ 23																					12
22/ 21																					1
20/ 19																					1
TOTAL		1.3	4.0	3.4	3.4	10.7	14.8	12.6	14.8	11.3	10.4	6.2	4.0	2.2	.8				900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1597494	35252	39.2	15.526	900							
Dry Bulb	4335062	61974	68.9	8.667	900			55.1	32.0	10.9		90
Wet Bulb	2695071	49057	54.5	4.843	900							90
Dew Point	1561485	36929	41.0	7.169	900		12.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
88/ 87												.1						1	1		
84/ 83											.1	.1	.1					3	3		
82/ 81										.3	.1			.1				5	5		
80/ 79									.1	.1	.2	.1	.1	.2				8	8		
78/ 77									.4	.2	.6		.1					12	12		
76/ 75							.2	.4	.8	.2	.4	.6	.1					25	25		
74/ 73							.4	1.0	1.2	.3	.3	.1						31	31		
72/ 71					.1	.1	.4	1.0	.9	.4	.1	.2						34	34		
70/ 69					.2	.8	1.6	.8	1.1	.4	.4							48	48		
68/ 67				.1	1.2	1.2	2.2	1.8	1.3	.4	.4							79	79		
66/ 65				.3	1.0	2.0	2.6	1.1	1.0	.6	.1							78	78	1	
64/ 63		.1		.8	2.2	1.3	1.3	1.6	.7	.1								73	73	9	
62/ 61		.2	.6	1.0	2.4	2.4	2.0	.7	.7									90	90	27	
60/ 59			.4	2.8	1.7	3.6	1.4	.8	.1									97	97	59	4
58/ 57			.7	2.3	3.2	1.1	1.2	.6										82	82	76	2
56/ 55		.6	1.6	2.8	2.6	1.1	.2											79	79	104	13
54/ 53		.3	.6	2.4	2.0	.4	.2											54	54	131	38
52/ 51			1.7	1.8	.4	.2												37	37	120	44
50/ 49		.3	1.1	.9	.3	.1												25	25	150	78
48/ 47		.6	1.2	.7														22	22	97	87
46/ 45		.6	.9	.1														14	14	75	108
44/ 43		.2																2	2	36	101
42/ 41		.1																1	1	13	97
40/ 39																				2	100
38/ 37																					72
36/ 35																					43
34/ 33																					34
32/ 31																					20
30/ 29																					24
28/ 27																					14
26/ 25																					16
24/ 23																					5
TOTAL		3.0	8.7	16.0	17.4	14.4	14.3	9.7	8.3	3.2	2.9	1.2	.4	.3				900	900	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2686050	46900	52.1	16.408	900							
Dry Bulb	3483057	55555	61.7	7.734	900			24.6	8.5	1.5		90
Wet Bulb	2453267	46783	52.0	4.883	900							90
Dew Point	1669499	38267	42.5	6.970	900		7.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

2100-2300 (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/ 75								.1										1	1		
72/ 71							.2											2	2		
70/ 69							.1	.2										3	3		
68/ 67					.3	.1	.1	.3										8	8		
66/ 65					.6	.9	.1		.1	.2								17	17		
64/ 63				.8	1.4	2.0	.9	.2	.2	.1								51	51		
62/ 61			.4	1.0	1.8	.1	.8	.3	.4	.1								45	45	2	
60/ 59		.3	1.1	1.6	1.6	1.9	1.2	.1	.2									72	72	9	1
58/ 57			1.6	2.9	2.4	2.2	.7	.6										93	93	23	3
56/ 55		.8	3.1	4.7	4.1	1.3	.7	.2										134	134	48	2
54/ 53		.8	4.4	4.8	3.7	1.2	.2											136	136	83	21
52/ 51		.9	5.4	3.2	1.8	.3												105	105	93	34
50/ 49		1.3	5.1	3.7	.7	.3												100	100	149	70
48/ 47		1.7	3.0	1.2	.1													54	54	182	80
46/ 45		1.7	2.0	.1														34	34	145	118
44/ 43		2.1	1.2	.3														33	33	88	121
42/ 41		.4	.4	.1														9	9	54	105
40/ 39		.2																2	2	17	118
38/ 37		.1																1	1	6	99
36/ 35																				1	50
34/ 33																					23
32/ 31																					18
30/ 29																					11
28/ 27																					15
26/ 25																					3
24/ 23																					5
22/ 21																					2
20/ 19																					1
TOTAL		10.3	27.9	24.3	18.4	10.4	5.0	2.1	1.0	.4								900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4023377	58779	65.3	14.327	900							
Dry Bulb	2680326	48846	54.3	5.708	900			1.4	.1			90
Wet Bulb	2120606	43510	48.3	4.366	900							90
Dew Point	1631492	37942	42.2	5.961	900		5.5					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
92/ 91														.0	.0			3	3		
90/ 89													.0	.1				5	5		
88/ 87												.0	.1	.0				8	8		
86/ 85												.0	.1	.0				13	13		
84/ 83										.0	.2	.1	.2	.1	.0			40	40		
82/ 81										.1	.2	.2	.2	.1	.1			66	66		
80/ 79									.1	.3	.3	.3	.1	.1				85	85		
78/ 77								.0	.3	.4	.3	.2	.1	.0				102	102		
76/ 75							.1	.3	.6	.6	.5	.2	.1					167	167		
74/ 73						.0	.3	.5	.9	.5	.4	.2						202	202		
72/ 71					.0	.1	.7	.8	.7	.5	.3	.2						244	244		
70/ 69					.1	.4	.9	.8	.9	.3	.3	.0						276	276		
68/ 67				.0	.3	.7	1.1	1.0	.6	.5	.1							306	306		
66/ 65				.1	.5	1.1	1.4	.8	.5	.2	.0							336	336	16	
64/ 63		.0		.3	1.0	1.6	1.2	.7	.4	.1								370	370	60	
62/ 61		.1	.2	.6	1.4	1.2	1.1	.6	.3	.0								399	399	164	
60/ 59		.1	.5	1.2	1.2	1.8	.8	.4	.1									436	436	327	7
58/ 57	.0	.1	.8	1.6	2.1	1.1	.6	.3	.0									478	478	449	14
56/ 55		.4	1.3	2.3	2.2	.7	.3	.1										528	528	548	36
54/ 53		.6	2.6	2.6	1.7	.6	.2	.0										595	595	727	138
52/ 51		1.3	3.7	2.4	.9	.2	.1											617	617	735	264
50/ 49		1.3	3.4	1.9	.5	.1	.0											527	527	981	486
48/ 47		1.7	3.2	1.2	.2	.1												460	460	944	610
46/ 45		2.0	2.4	.5	.2	.0												369	369	795	834
44/ 43		1.8	1.5	.3	.1													265	265	582	894
42/ 41		1.2	.7	.2	.0													154	154	420	925
40/ 39	.0	.9	.3	.1														100	100	247	909
38/ 37	.0	.3	.1	.0														33	33	137	714
36/ 35		.1	.1															11	11	43	447
34/ 33	.0	.0																5	5	18	291
32/ 31																				7	231
30/ 29																					129
28/ 27																					107
26/ 25																					107

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
24/ 23																					43
22/ 21																					9
20/ 19																					5
TOTAL	.1	11.9	20.7	15.3	12.4	9.8	8.8	6.4	5.5	3.6	2.7	1.5	.8	.4	.1			7200	7200		7200
																		7200		7200	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	27452083	422271	58.6	19.317	7200							
Dry Bulb	24728633	415515	57.7	10.201	7200			151.7	69.1	19.0		720
Wet Bulb	17950614	356920	49.6	5.978	7200		.7					720
Dew Point	12689523	298823	41.5	6.319	7200		63.1					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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
84/ 83											.1	.1						2	2		
82/ 81											.1							1	1		
80/ 79								.1										1	1		
78/ 77								.1	.2									3	3		
76/ 75							.1	.4			.1							6	6		
74/ 73						.1		.8	.4	.1								13	13		
72/ 71						.3	.3	.4	.3	.2	.1							16	16		
70/ 69					.3	.8	1.5	.9	.2									34	34		
68/ 67				.3	.8	1.2	1.2	.2										34	34		
66/ 65				.5	.5	1.2	2.0	.1	.2									43	43	1	
64/ 63				1.3	1.6	2.5	.9	.2										60	60	7	
62/ 61			.6	1.6	2.7	2.5	1.3	.2										83	83	19	
60/ 59			.9	1.5	3.8	3.0	.5	.1										91	91	33	
58/ 57		.1	2.3	3.9	3.0	1.6	.6											107	107	65	4
56/ 55		.4	3.0	3.7	2.2	.6	.2											94	94	77	16
54/ 53		.5	3.2	4.4	1.7	.9	.1											101	101	127	34
52/ 51		.3	4.7	4.4	1.4	.2												103	103	125	57
50/ 49		.8	3.7	3.2	.3													74	74	155	83
48/ 47		.8	2.2	1.2	.1													39	39	131	111
46/ 45			1.3	.2														14	14	93	127
44/ 43			.3	.2														5	5	68	145
42/ 41			.3															3	3	17	116
40/ 39		.1	.2															3	3	6	100
38/ 37																				5	59
36/ 35																				1	35
34/ 33																					17
32/ 31																					21
30/ 29																					4
28/ 27																					1
TOTAL		3.0	22.7	26.5	18.4	14.8	8.8	3.5	1.4	.3	.4	.1							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_E	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3720471	57581	61.9	12.931	930							
Dry Bulb	3135032	53604	57.6	6.988	930			11.0	2.6	.3		93
Wet Bulb	2411313	47135	50.7	4.907	930							93
Dew Point	1829261	40939	44.0	5.402	930		2.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASILE AFB CA STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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
80/ 79											.1							1	1		
76/ 75							.1											1	1		
74/ 73								.2	.1									3	3		
72/ 71						.1	.5	.1										7	7		
70/ 69					.4	.2	.3		.1									10	10		
68/ 67				.1	.4	.4	.6	.2	.3									20	20		
66/ 65				.1	.6	.8	.4	.1	.1									20	20		
64/ 63			.1	.5	1.0	2.5	.2	.1	.1									42	42	1	
62/ 61			.4	1.2	2.2	.8	.1	.1										44	44	9	
60/ 59			1.0	1.8	1.4	1.5	.8											60	60	16	
58/ 57		.2	1.5	2.6	3.2	1.4	.2											85	85	29	1
56/ 55		.8	3.8	5.2	3.1	.9												127	127	53	12
54/ 53		.6	4.6	4.1	1.1	.8	.1											105	105	87	21
52/ 51		1.4	9.1	2.5	.9	.4	.1											134	134	102	45
50/ 49		1.4	5.9	2.6	.9	.1												101	101	171	60
48/ 47		3.2	4.8	1.9														93	93	172	95
46/ 45		1.2	2.4	.5														38	38	120	145
44/ 43		.8	1.1	.2														19	19	92	161
42/ 41		.6	.4															10	10	46	127
40/ 39		.3	.5															8	8	21	109
38/ 37		.1	.1															2	2	6	62
36/ 35																				5	37
34/ 33																					30
32/ 31																					16
30/ 29																					6
28/ 27																					1
26/ 25																					2
TOTAL		10.6	35.8	23.3	15.2	9.8	3.5	.9	.8		.1								930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	4429245	63123	67.9	12.486	930							
Dry Bulb	2766319	50377	54.2	6.350	930			4.2	.5	.1		93
Wet Bulb	2229117	45319	48.7	4.722	930							93
Dew Point	1767909	40259	43.3	5.201	930		2.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

0600-0800
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.	Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1						1	1		
84/ 83											.1							1	1		
82/ 81									.2		.1							3	3		
80/ 79								.2	.3	.2	.1							8	8		
78/ 77									.5	.1	.1							7	7		
76/ 75								.6	.2	.3	.1							12	12		
74/ 73						.2	.5	.6	.9	.1	.1							23	23		
72/ 71						.5	1.0	.6	.5	.1								26	26		
70/ 69					.1	1.1	1.1	1.0	.5	.1								36	36		
68/ 67					.5	1.3	2.5	.5	.3									48	48		
66/ 65				.1	.6	2.0	2.3	.5	.1									53	53	6	
64/ 63			.1	1.2	1.8	3.5	1.1	.9	.1									81	81	11	
62/ 61			.3	1.2	2.5	2.8	.5	.2										70	70	25	
60/ 59			.4	2.8	4.1	2.6	.6											98	98	43	
58/ 57		.1	1.4	3.5	4.5	1.1	.2	.1										102	102	71	2
56/ 55		.1	1.9	4.4	2.9	1.0	.1											97	97	93	16
54/ 53		.5	2.9	4.4	1.9	.2	.1											94	94	136	38
52/ 51		.4	4.3	2.4	1.2	.1	.1											79	79	135	50
50/ 49		.4	2.3	1.6	.3													43	43	155	84
48/ 47		.8	1.3	.8	.1													27	27	121	114
46/ 45		.5	.8															12	12	72	185
44/ 43		.2	.3	.1														6	6	40	125
42/ 41			.1	.1														2	2	17	127
40/ 39																				3	79
38/ 37		.1																1	1	1	43
36/ 35																				1	34
34/ 33																					23
32/ 31																					6
30/ 29																					1
28/ 27																					3
TOTAL		3.2	16.1	22.6	20.6	16.5	10.1	5.4	3.8	1.0	.5	.1						930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3443915	55197	59.4	13.443	930							
Dry Bulb	3331247	55215	59.4	7.559	930			16.5	5.5	.8		93
Wet Bulb	2501585	48017	51.6	4.912	930							93
Dew Point	1858577	41309	44.4	5.051	930		1.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

0900-1200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
98/ 97															.1			1	1		
94/ 93														.1	.2		.1	4	4		
92/ 91													.1	.1				2	2		
90/ 89												.4	.8	.3				14	14		
88/ 87											.3	.5	.5	.3				16	16		
86/ 85										.2	1.3	1.1	.4					28	28		
84/ 83								.1	.1	1.2	1.1	1.1	.2					35	35		
82/ 81								.1	.4	.9	1.0	.9	.1					31	31		
80/ 79								.3	.8	2.0	1.5	.3						46	46		
78/ 77								1.3	1.9	1.0	.6							45	45		
76/ 75							.3	1.4	2.8	1.8	.4	.1						64	64		
74/ 73							1.0	2.6	3.0	1.5	.2	.1						78	78		
72/ 71						.1	1.7	3.2	2.0	.8	.1							74	74		
70/ 69						1.5	3.2	3.2	1.2	.5								90	90	4	
68/ 67					.4	1.4	4.2	2.2	.5	.1	.1							83	83	22	
66/ 65					.8	2.4	2.9	1.3	.5	.1								74	74	46	
64/ 63				.1	1.2	3.3	2.7	1.1	.2									80	80	65	
62/ 61			.1	.1	1.6	1.9	1.6	.3										53	53	90	1
60/ 59				.4	1.2	2.8	1.2	.3										55	55	129	2
58/ 57				.2	1.1	1.2	.5	.1										29	29	153	7
56/ 55				.3	1.1	.6												19	19	118	32
54/ 53			.1	.5		.2												8	8	114	57
52/ 51																				86	70
50/ 49					.1													1	1	54	102
48/ 47																				39	144
46/ 45																				8	135
44/ 43																				1	117
42/ 41																				1	102
40/ 39																					64
38/ 37																					41
36/ 35																					26
34/ 33																					9
32/ 31																					14
30/ 29																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

0900-110 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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 Pt
28/ 27																					
26/ 25																					
TOTAL			.2	1.7	7.4	15.5	19.4	17.5	13.5	10.1	6.7	4.5	2.2	.9	.3		.1	930	930	930	93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1727487	38941	41.9	10.216	930							
Dry Bulb	4702784	65660	70.6	8.495	930			61.1	36.4	15.8	.5	93
Wet Bulb	3035525	52923	56.9	5.068	930			2.6				93
Dew Point	1950215	42275	45.5	5.541	930		2.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
106/105																	.1	1	1		
104/103																	.1	1	1		
102/101																.1	.2	3	3		
98/ 97														.1	.5	.2	.3	11	11		
96/ 95													.1	.3	.5	.3	.4	16	16		
94/ 93													.5	.5	1.0	.5	.1	25	25		
92/ 91													.9	1.6	1.2	.2		36	36		
90/ 89												.8	1.2	1.6	.8	.4		44	44		
88/ 87											.6	1.6	2.2	.9	.1			50	50		
86/ 85										.3	.8	2.4	2.0	.6	.1			58	58		
84/ 83										1.0	1.9	2.2	1.0		.1			57	57		
82/ 81									.5	1.0	2.8	1.5	.6	.1				61	61		
80/ 79								.3	.6	2.4	3.5	1.6	.5	.1				85	85		
78/ 77								.5	1.3	3.8	1.7	1.2	.2					81	81		
76/ 75						.1	.3	1.0	1.9	3.0	1.5	.4						77	77		
74/ 73							.8	1.2	3.4	1.7	.3							69	69		
72/ 71						.2	1.2	1.3	1.8	1.1	.3							55	55	6	
70/ 69						.1	.5	1.4	1.7	.5		.2						42	42	20	
68/ 67						.3	.9	2.2	1.3	.9		.1						52	52	46	
66/ 65					.2	.2	1.0	1.0	1.5									36	36	90	
64/ 63					.1	.2	.5	.9	.9									24	24	138	
62/ 61					.2	.9	.8	.6										23	23	119	1
60/ 59				.1		.9		.2										11	11	163	
58/ 57					.2	.1	.1	.2										6	6	108	15
56/ 55				.3														3	3	72	32
54/ 53			.2	.1														3	3	61	46
52/ 51																				49	51
50/ 49																				40	109
48/ 47																				14	130
46/ 45																				4	115
44/ 43																					106
42/ 41																					105
40/ 39																					59
38/ 37																					55

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
36/ 35																					40
34/ 33																					21
32/ 31																					31
30/ 29																					4
28/ 27																					7
24/ 23																					1
18/ 17																					2
TOTAL			.2	.5	.8	3.0	6.0	10.8	15.1	15.6	13.5	11.9	9.2	5.9	4.3	1.8	1.3		930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1022953	29537	31.8	9.557	930							
Dry Bulb	5762254	72692	78.2	9.303	930			82.4	67.5	41.6	5.7	93
Wet Bulb	3324361	55391	59.6	5.215	930			7.2				93
Dew Point	1885184	41450	44.6	6.376	930		4.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

 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
106/105																	.2	2	2		
104/103																.1	.1	2	2		
102/101																.1	.5	6	6		
100/ 99															.1	.2	.5	8	8		
98/ 97															.4	.9	.9	20	20		
96/ 95														.3	1.0	1.2	.8	30	30		
94/ 93													.1	2.0	1.1	1.2	.9	49	49		
92/ 91												.2	.4	.6	1.6	.6	.1	34	34		
90/ 89												.6	1.6	2.9	.8	.6		61	61		
88/ 87											.4	.5	2.3	1.3	.9			50	50		
86/ 85										.2	.6	3.0	2.7	.3	.2			66	66		
84/ 83										.6	2.4	2.3	2.7	.6	.2			82	82		
82/ 81									.8	.5	2.4	2.6	1.2	.6	.1			76	76		
80/ 79									.8	.5	3.7	1.9	.5					69	69		
78/ 77					.1			.5	1.7	3.0	1.1	1.4	.8					80	80		
76/ 75							.1	.5	2.0	1.8	1.4	.5						60	60		
74/ 73							.2	1.5	1.4	1.5	1.1							53	53	1	
72/ 71							.1	.4	.5	1.4	.5	.3						31	31	9	
70/ 69						.1		1.0	1.2	1.4	.3	.1						38	38	17	
68/ 67					.1	.5	.4	1.1	1.1	1.0								39	39	60	
66/ 65						.1	.8	.1	.8									16	16	101	1
64/ 63						.2	.5	.3	.3									13	13	149	
62/ 61						.3	.8	.5	.2									17	17	134	
60/ 59						.4	.4	.2	.1									11	11	156	
58/ 57				.2		.1	.2											5	5	80	10
56/ 55				.6	.3		.1											10	10	73	22
54/ 53					.1	.1												2	2	53	43
52/ 51																				46	46
50/ 49																				31	104
48/ 47																				11	80
46/ 45																				8	140
44/ 43																				1	113
42/ 41																					89
40/ 39																					63

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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
38/ 37																					64
36/ 35																					64
34/ 33																					35
32/ 31																					33
30/ 29																					12
28/ 27																					5
26/ 25																					2
24/ 23																					1
20/ 19																					2
18/ 17																					1
TOTAL				.9	.6	1.9	3.7	6.2	10.9	12.0	13.9	13.5	12.3	8.8	6.3	4.9	4.0	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	833933	26357	28.3	9.675	930							
Dry Bulb	6136071	74991	80.6	9.795	930			85.6	74.8	52.5	11.7	93
Wet Bulb	3380709	55857	60.1	5.277	930			8.7	.1			93
Dew Point	1799503	40443	43.5	6.623	930		5.6					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

 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	29 - 30	≥ 31				
100/ 99															.1		.1	2	2		
98/ 97																.1		1	1		
96/ 95														.4	.3	.1		8	8		
94/ 93													.1		.2	.2		5	5		
92/ 91												.1	.3	.8	.3	.1	.1	16	16		
90/ 89											.1	.5	1.0	1.1	.1	.1		27	27		
88/ 87											.4	.6	1.0	.3	.1			23	23		
86/ 85									.1	.3	1.1	1.3	1.2	.2				39	39		
84/ 83									.2	.8	1.9	1.7	.5	.2				50	50		
82/ 81									.4	.6	1.8	1.6	.3					45	45		
80/ 79								.6	.8	2.0	1.4	.6	.3					54	54		
78/ 77							.3	.8	2.4	1.5	2.0	1.0	.2					76	76		
76/ 75							.4	1.3	2.5	1.0	1.0	.2						59	59		
74/ 73						.5	.9	2.2	1.8	1.6	.6	.5						76	76		
72/ 71						.3	2.0	1.4	1.8	1.4	.6							71	71	1	
70/ 69					.3	.8	2.3	2.4	1.0	1.1	.2							74	74	10	
68/ 67					.5	1.0	1.3	1.4	1.3	.4	.2							57	57	34	
66/ 65				.2	1.1	1.4	1.5	.9	.6	.1								54	54	52	
64/ 63					1.1	1.6	1.3	1.5	.3									54	54	101	
62/ 61					1.1	1.1	1.2	.4										35	35	115	
60/ 59			.1	.5	.8	1.7	1.1	.4										43	43	136	3
58/ 57				.3	.6	.6	.6	.2										23	23	112	25
56/ 55			.1	.4	.5	.5												15	15	91	32
54/ 53			.2	.5	.1	.5												13	13	89	48
52/ 51			.2	.3	.3													8	8	74	80
50/ 49			.1	.1														2	2	54	122
48/ 47																				35	104
46/ 45																				21	95
44/ 43																				5	111
42/ 41																					70
40/ 39																					63
38/ 37																					51
36/ 35																					52
34/ 33																					31

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
32/ 31																					20
30/ 29																					13
28/ 27																					3
26/ 25																					3
24/ 23																					3
22/ 21																					1
TOTAL			.8	2.5	6.5	10.1	12.9	13.4	13.2	10.9	11.5	8.3	4.9	3.0	1.2	.6	.2	930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1508681	35685	38.4	12.250	930							
Dry Bulb	5049068	67924	73.0	9.740	930			65.3	48.1	24.5	1.6	93
Wet Bulb	3119898	53608	57.6	5.661	930			4.5				93
Dew Point	1910581	41673	44.8	6.821	930		4.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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
88/ 87												.1						1	1		
86/ 85										.1	.1	.2						4	4		
84/ 83									.1	.2	.3	.1						7	7		
82/ 81										.3	.1	.2						6	6		
80/ 79								.2	.6	.3	.4	.3						18	18		
78/ 77							.2	.2	.9	.5	.3	.1						21	21		
76/ 75						.1	.5	.5	1.1	.6								27	27		
74/ 73						.5	.4	1.1	1.1	.3	.1							33	33		
72/ 71					.3	1.2	1.4	1.6	1.3	.2								56	56		
70/ 69					.4	1.0	3.2	1.7	.9	.2								69	69		
68/ 67				.1	.6	1.6	1.8	1.2	.5									55	55	2	
66/ 65				.5	1.5	2.4	3.1	1.5	.3	.1								88	88	12	
64/ 63				1.4	2.9	2.8	1.9	.2	.4	.1								91	91	31	
62/ 61			.2	1.2	2.8	2.2	1.1	.8	.1									77	77	43	
60/ 59			.5	2.3	2.9	2.9	.6	.6	.1									93	93	75	1
58/ 57		.1	1.0	1.8	2.8	1.0	.8	.2										71	71	122	21
56/ 55			1.0	2.9	3.1	1.7	.1											82	82	123	26
54/ 53		.1	1.0	3.1	2.4	.3												64	64	123	46
52/ 51			1.1	1.3	.9	.2												32	32	105	55
50/ 49			.4	1.0	.2	.1												16	16	115	108
48/ 47			.4	.5	.4													13	13	81	117
46/ 45		.1		.1	.1													3	3	59	109
44/ 43		.1		.1														2	2	26	108
42/ 41			.1															1	1	9	112
40/ 39																				4	89
38/ 37																					47
36/ 35																					32
34/ 33																					29
32/ 31																					19
30/ 29																					6
28/ 27																					2
26/ 25																					3
TOTAL		.4	5.7	16.3	21.4	18.0	15.3	9.9	7.4	3.1	1.4	1.1						930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2722728	48886	52.6	12.834	930							
Dry Bulb	3767289	58725	63.1	7.975	930			29.7	11.7	2.5		93
Wet Bulb	2682262	49696	53.4	5.359	930			.2				93
Dew Point	1889098	41524	44.6	6.144	930		3.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
106/105																	.0		3	3		
104/103																.0	.0		3	3		
102/101																.0	.1		9	9		
100/ 99															.0	.0	.1		10	10		
98/ 97														.0	.1	.1	.1		33	33		
96/ 95													.0	.1	.2	.2	.1		54	54		
94/ 93													.1	.3	.3	.2	.1		83	83		
92/ 91												.0	.2	.4	.4	.1	.0		88	88		
90/ 89											.0	.3	.6	.7	.2	.1			146	146		
88/ 87											.2	.4	.7	.3	.1				140	140		
86/ 85									.0	.1	.5	1.0	.8	.1	.0				196	196		
84/ 83								.0	.1	.5	1.0	.9	.6	.1	.0				234	234		
82/ 81								.0	.3	.4	1.0	.8	.3	.1	.0				223	223		
80/ 79								.2	.5	.9	1.3	.6	.2	.0					282	282		
78/ 77					.0		.1	.4	1.1	1.2	.7	.5	.1						313	313		
76/ 75						.0	.2	.7	1.3	1.1	.6	.2							306	306		
74/ 73						.2	.5	1.3	1.5	.9	.3	.1							348	348	1	
72/ 71					.0	.3	1.0	1.1	1.0	.6	.2	.0							336	336	16	
70/ 69					.2	.7	1.5	1.4	.8	.5	.1	.0							393	393	51	
68/ 67				.1	.4	1.0	1.6	1.1	.7	.3	.0	.0							388	388	164	
66/ 65				.2	.7	1.3	1.7	.7	.5	.0									384	384	308	1
64/ 63			.0	.6	1.2	2.1	1.1	.6	.3	.0									445	445	503	
62/ 61			.2	.7	1.6	1.5	.9	.4	.0										402	402	554	2
60/ 59			.4	1.2	1.8	2.0	.7	.2	.0										462	462	751	6
58/ 57		.1	.8	1.6	1.9	.9	.4	.1											428	428	740	85
56/ 55		.2	1.2	2.2	1.7	.7	.1												447	447	700	188
54/ 53		.2	1.5	2.2	.9	.4	.0												390	390	790	333
52/ 51		.3	2.4	1.4	.6	.1	.0												356	356	722	454
50/ 49		.3	1.5	1.1	.2	.0													237	237	775	772
48/ 47		.6	1.1	.3	.1														172	172	604	895
46/ 45		.2	.6	.1	.0														67	67	385	1051
44/ 43		.1	.2	.1															32	32	233	986
42/ 41		.1	.1	.0															16	16	90	848
40/ 39		.1	.1																11	11	34	626

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	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												

FORM AM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL (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
38/ 37		.0	.0															3	3	12	422
36/ 35																				7	320
34/ 33																					195
32/ 31																					160
30/ 29																					49
28/ 27																					24
26/ 25																					12
24/ 23																					5
22/ 21																					1
20/ 19																					2
18/ 17																					3
TOTAL		2.2	10.2	11.8	11.4	11.2	10.0	8.5	8.3	6.6	6.0	4.9	3.6	2.3	1.5	.9	.7		7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 50 F	≥ 93 F	Total
Rel. Hum	19409413	355307	47.8	18.115	7440							
Dry Bulb	34650064	499188	67.1	12.471	7440			358.8	247.1	138.1	19.5	744
Wet Bulb	22684770	407946	54.8	6.523	7440			23.2	.1			744
Dew Point	14890328	329872	44.3	5.964	7440		25.6					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

 0000-0200 (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					
86/ 85												.1							1	1		
84/ 83										.1	.2		.2						5	5		
82/ 81										.1	.1	.1							3	3		
80/ 79									.6	.1	.6	.1							12	12		
78/ 77								.3	.6	.8	.6	.2							22	22		
76/ 75					.1			1.7	.3	1.0	.2								30	30		
74/ 73						.1	1.0	2.4	1.3	.4	.4								52	52		
72/ 71					.2	.1	2.7	1.9	.7	.3									53	53		
70/ 69				.1	.3	1.4	2.3	1.8	.6										59	59		
68/ 67					.7	2.0	2.4	1.0	.4										59	59	1	
66/ 65				.7	1.6	2.8	1.3	.8	.2	.1									67	67	5	
64/ 63				1.1	2.4	3.4	1.2	.9	.3										85	85	15	1
62/ 61			.3	2.8	4.3	3.1	1.4	.6											113	113	54	1
60/ 59			2.7	2.6	4.8	3.2	1.4												132	132	97	1
58/ 57			2.1	4.4	4.0	.4	.4												103	103	120	3
56/ 55			1.9	4.0	.6	.4													62	62	133	13
54/ 53		.1	1.2	1.2	.3	.1	.2												29	29	161	66
52/ 51			.9	.3		.1													12	12	152	111
50/ 49				.1															1	1	116	122
48/ 47																					31	113
46/ 45																					12	168
44/ 43																						111
42/ 41																					3	66
40/ 39																						46
38/ 37																						35
36/ 35																						22
34/ 33																						11
32/ 31																						6
30/ 29																						2
28/ 27																						1
26/ 25																						1
TOTAL		.1	9.1	17.3	19.3	17.3	14.6	11.3	5.0	3.0	2.1	.6	.2							900		900
																			900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2803169	48733	54.1	13.522	900							
Dry Bulb	3722616	57556	64.0	6.823	900			29.6	12.5	1.4		90
Wet Bulb	2687668	49042	54.5	4.127	900			.1				90
Dew Point	1939999	41527	46.1	5.156	900		1.0					90

USAFETAC FORM AK 64 0-2b-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

 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
82/ 81									.1									1	1		
80/ 79									.1									1	1		
78/ 77								.1	.1	.1								3	3		
76/ 75								.2	.7	.1	.1							10	10		
74/ 73							.4	.3	.6		.1							13	13		
72/ 71						.1	1.3	.7	.7	.4								29	29		
70/ 69						1.0	1.1	1.6	.7	.1								40	40		
68/ 67				.1	.3	2.1	2.0	1.1	.4									55	55		
66/ 65				.4	2.3	1.7	1.7	.4										59	59	2	
64/ 63			.1	.9	1.9	3.1	1.0	.1										64	64	1	
62/ 61			.7	1.8	2.8	1.8	.6											68	68	14	
60/ 59			2.6	3.4	2.9	2.7	1.4											117	117	47	
58/ 57		.3	4.1	4.7	3.4	1.0												122	122	90	1
56/ 55		.7	4.2	8.2	3.4	1.1												159	159	126	18
54/ 53		.1	5.3	3.8	1.2	.2												96	96	164	33
52/ 51		.9	2.6	.6	.2													38	38	145	106
50/ 49		.2	1.1	.6														17	17	190	106
48/ 47		.3	.3	.2														8	8	84	134
46/ 45																				29	174
44/ 43																				6	127
42/ 41																				2	99
40/ 39																					27
38/ 37																					51
36/ 35																					18
34/ 33																					5
32/ 31																					1
TOTAL		2.6	21.0	24.7	18.6	14.8	9.6	4.6	3.3	.8	.2							900	900		900
																				900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb	3545940	55172	61.3	13.497	900							
Dry Bulb	3262307	53907	59.9	6.101	900			15.2	2.8	.2		90
Wet Bulb	2500291	47311	52.6	3.840	900							90
Dew Point	1909338	41248	45.8	4.585	900		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
92/ 91												.1						1	1		
90/ 89												.1						1	1		
88/ 87												.2	.2					4	4		
86/ 85										.2	.1	.2						5	5		
84/ 83											.2	.3						5	5		
82/ 81									.2	.6	.3	.3	.1					14	14		
80/ 79								.1	.4	.6	.8							17	17		
78/ 77								.1	1.2	.9	.4							24	24		
76/ 75								1.4	1.2	.7	.3							33	33		
74/ 73						.1	.9	2.3	2.2	.7								56	56		
72/ 71						.4	2.2	1.6	1.0	.2								49	49		
70/ 69					.1	1.4	2.8	2.4	.8	.1								69	69	1	
68/ 67				.1	1.0	2.3	3.7	1.2	.6									80	80	3	
66/ 65				.4	2.0	4.0	3.0	1.3	.2									99	99	10	
64/ 63			.2	1.2	3.1	4.6	1.9	.6										104	104	22	
62/ 61			.2	2.8	4.0	3.0	.4	.2										96	96	62	
60/ 59		.1	1.9	2.6	4.2	.7	.2											87	87	111	
58/ 57		.1	2.1	3.8	2.9	.7												86	86	138	4
56/ 55		.3	.7	3.1	1.0	.1												47	47	170	20
54/ 53			.8	.7	.2													15	15	172	62
52/ 51		.1	.7															7	7	120	124
50/ 49			.1															1	1	71	113
48/ 47																				16	178
46/ 45																				4	163
44/ 43																					108
42/ 41																					62
40/ 39																					30
38/ 37																					20
36/ 35																					14
34/ 33																					2
TOTAL		.7	6.7	14.7	18.6	17.3	15.1	11.3	7.9	3.9	2.2	1.3	.3					900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	2676976	47580	52.9	13.406	900
Dry Bulb	3912933	58991	65.5	7.179	900
Wet Bulb	2784733	49939	55.5	3.908	900
Dew Point	2000912	42256	47.0	4.342	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			35.8	16.0	4.2		90
Wet Bulb			.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

 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
100/ 99															.1			1	1		
98/ 97														.1	.1	.3	.1	6	6		
96/ 95														.1	.8			8	8		
94/ 93													.3	.6	.4	.3		15	15		
92/ 91												.1	.7	1.0	.1	.1		18	18		
90/ 89											.2	1.1	1.0	.9	.2			31	31		
88/ 87											.6	1.1	1.1	.3				28	28		
86/ 85										.6	1.6	2.0	1.4	.1				51	51		
84/ 83									.2	1.8	1.6	1.1	.6	.2				49	49		
82/ 81									.8	2.3	2.2	1.2	.1	.1				61	61		
80/ 79								.8	1.7	3.0	1.9	.3						69	69		
78/ 77							.1	1.2	2.8	2.1	1.1	.2						68	68		
76/ 75							1.4	2.7	3.1	2.3	.2							88	88		
74/ 73						.1	1.1	4.8	3.1	.9	.3							93	93		
72/ 71					.1	1.0	3.4	3.0	1.6	.7								88	88	2	
70/ 69					.2	1.2	3.6	2.1	1.1	.3								77	77	12	
68/ 67					.4	2.3	3.3	1.0	.3									57	67	56	
66/ 65				.2	.6	2.0	1.2	.3	.2									41	41	89	
64/ 63				.3	.4	.9	.6											20	20	126	
62/ 61			.1	.1	.7	.6												13	13	149	
60/ 59			.1	.1	.6													7	7	168	
58/ 57																				152	26
56/ 55																				82	68
54/ 53																				44	78
52/ 51																				19	105
50/ 49																					188
48/ 47																					155
46/ 45																					101
44/ 43																					66
42/ 41																					55
40/ 39																					30
38/ 37																					12
36/ 35																					13
34/ 33																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
TOTAL			.2	.8	3.0	8.1	14.8	15.9	14.9	14.0	9.7	7.2	5.2	3.4	1.8	.8	.1	899	899	899	899

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1438264	34678	38.6	10.584	899							
Dry Bulb	5312128	68732	76.5	7.988	899			81.9	58.7	31.4	3.0	90
Wet Bulb	3301289	54359	60.5	4.036	899			7.0				90
Dew Point	2119941	43447	48.3	4.746	899							90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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
108/107																	.1	1	1		
106/105																	.9	8	8		
104/103															.1	.1	.6	7	7		
102/101																.4	1.1	14	14		
100/ 99															.3	1.1	.6	18	18		
98/ 97														.4	1.1	1.0	.7	29	29		
96/ 95														1.0	1.7	.8	.3	34	34		
94/ 93												.1	1.2	1.6	1.7	.7		47	47		
92/ 91												.6	1.9	1.9	.8	.3		49	49		
90/ 89											.4	1.7	2.3	1.8	.9	.4		68	68		
88/ 87											1.6	2.3	2.7	1.0	.6			73	73		
86/ 85									.1	.6	2.7	2.4	2.7	.2	.4			82	82		
84/ 83									.6	2.2	2.2	2.1	1.2	.1				76	76		
82/ 81								.2	.9	1.6	2.1	2.6	.8					73	73		
80/ 79								1.1	1.8	2.8	3.2	1.0	.4					93	93		
78/ 77							.4	.7	3.2	1.6	1.2	.6	.1					70	70		
76/ 75						.1	.4	1.0	2.2	1.8	.6	.1						56	56	1	
74/ 73							.3	2.0	1.0	.7	.2							38	38	1	
72/ 71							1.0	1.3	.6	.4								30	30	23	
70/ 69						.1	1.1	.3	.4									18	18	75	
68/ 67						.1	.3	.1										5	5	117	
66/ 65				.1		.1	.3	.2										7	7	170	
64/ 63							.1											1	1	137	
62/ 61																				144	1
60/ 59				.2														2	2	136	10
58/ 57			.1															1	1	53	38
56/ 55																				28	72
54/ 53																				13	82
52/ 51																				2	120
50/ 49																					165
48/ 47																					103
46/ 45																					89
44/ 43																					80
42/ 41																					58

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

USAFETAC FORM 0-26-5 (OL A) 82 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
40/ 39																					39
38/ 37																					18
36/ 35																					11
34/ 33																					9
32/ 31																					4
30/ 29																					1
TOTAL			.1	.3		.4	4.1	7.0	10.8	11.6	14.2	13.4	13.3	8.0	7.6	4.9	4.2	900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	884165	26935	29.9	9.318	900							
Dry Bulb	6464476	75902	84.3	8.387	900			88.9	83.6	62.7	15.8	90
Wet Bulb	3632227	57057	63.4	4.085	900			21.7	.2			90
Dew Point	2127928	43478	48.3	5.536	900		.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

 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
110/109																	.4	4	4		
108/107																	.6	5	5		
106/105																	1.0	9	9		
104/103																.2	1.6	16	16		
102/101															.4	1.0	2.0	31	31		
100/ 99														.1	.8	1.3	1.8	36	36		
98/ 97														.1	.8	1.1	1.6	32	32		
96/ 95													.4	1.6	2.1	1.4	.9	58	58		
94/ 93												.3	1.2	1.6	2.2	.8	.2	57	57		
92/ 91												.4	1.0	1.8	2.3	.7	.1	57	57		
90/ 89											.3	1.8	2.1	2.3	1.4	.6		77	77		
88/ 87										.1	2.1	1.3	3.2	1.4	.6	.1		80	80		
86/ 85									.1	1.1	1.6	4.0	2.6	1.1	.2			96	96		
84/ 83									1.0	1.7	1.9	2.9	2.3	.9				96	96		
82/ 81								.1	.4	1.2	2.2	1.3	.9	.2				58	58		
80/ 79								.1	.8	1.8	2.4	1.7	.4					65	65		
78/ 77								.4	1.3	1.1	.3	1.0	.2					40	40		
76/ 75							.1	.4	1.3	.8	.8	.1						32	32		
74/ 73								.8	.7	.9								21	21	9	
72/ 71							.6	.7		.1								12	12	45	
70/ 69						.1	.2	.3	.1		.1							8	8	94	
68/ 67								.2	.1	.1								4	4	139	
66/ 65																				140	
64/ 63						.1												1	1	157	
62/ 61				.1	.1	.1												3	3	136	
60/ 59				.2														2	2	95	13
58/ 57																				50	44
56/ 55																				26	71
54/ 53																				5	64
52/ 51																				3	94
50/ 49																				1	126
48/ 47																					108
46/ 45																					100
44/ 43																					88

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
42/ 41																					58
40/ 39																					57
38/ 37																					36
36/ 35																					21
34/ 33																					15
32/ 31																					3
30/ 29																					2
TOTAL				.3	.1	.3	.9	3.1	5.9	8.9	11.8	14.9	14.4	11.1	10.9	7.2	10.1		900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	687152	23638	26.3	8.589	900			89.4	87.0	75.4	24.8	90
Dry Bulb	6937651	78653	87.4	8.437	900			28.7	.9			90
Wet Bulb	3719187	57731	64.1	4.219	900		.5					90
Dew Point	2055753	42661	47.4	6.111	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
108/107																	.1	1	1		
104/103																	.3	3	3		
102/101															.1		.1	2	2		
100/ 99														.1	.4	.6	.2	12	12		
98/ 97														.3	.3	.4	.3	17	17		
96/ 95												.1		.4	.6	.6	.1	16	16		
94/ 93												.3	.7	1.3	.4		.1	26	26		
92/ 91												1.2	1.2	.9	.8			37	37		
90/ 89											.6	1.3	2.0	.3	.3	.4		45	45		
88/ 87										.2	1.4	2.0	1.2	.8	.1			52	52		
86/ 85									.2	1.7	2.1	2.0	1.4	.9	.1			76	76		
84/ 83									.9	1.7	2.1	2.1	.7	.3				70	70		
82/ 81								.8	1.7	2.2	1.9	1.6	.7	.4				83	83		
80/ 79							.1	1.1	1.1	2.3	1.7	1.0	.3					69	69		
78/ 77							.3	1.0	2.7	2.6	1.4	.8	.1	.1				81	81		
76/ 75						.2	.7	1.8	2.8	.8	1.6	.3						73	73		
74/ 73						.3	.9	1.7	2.3	1.1	.7		.1					64	54	4	
72/ 71						.4	1.8	1.6	.9	.6		.1						48	48	14	
70/ 69					.1	.9	1.9	1.7	1.3	.3								56	56	65	
68/ 67					.1	.2	1.1	.9	.3	.1								25	25	91	
66/ 65					.1	.7	.6	.2			.1							15	15	123	
64/ 63				.2	.4	.3	.4	.1										14	14	120	
62/ 61				.1	.4	.4												9	9	128	4
60/ 59				.3	.1	.1												5	5	134	25
58/ 57				.1														1	1	92	57
56/ 55																				69	74
54/ 53																				46	86
52/ 51																				8	107
50/ 49																				5	134
48/ 47																					96
46/ 45																				1	87
44/ 43																					64
42/ 41																					49
40/ 39																					44

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
38/ 37																					24
36/ 35																					25
34/ 33																					9
32/ 31																					10
30/ 29																					1
26/ 25																					1
22/ 21																					1
20/ 19																					2
TOTAL				.8	1.3	3.7	7.8	10.8	14.2	13.6	13.6	12.9	8.4	6.0	3.7	2.0	1.3	900	900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1147906	30728	34.1	10.482	900							
Dry Bulb	5872826	72284	80.3	8.652	900			85.6	72.7	48.5	7.7	90
Wet Bulb	3475640	55764	62.0	4.776	900			17.4	.4			90
Dew Point	2137889	43465	48.3	6.567	900		1.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (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
90/ 89											.1	.1	.2					4	4		
88/ 87											.1	.1	.2					4	4		
86/ 85										.4	.6	.6						14	14		
84/ 83									.1	1.1	.4	.4	.2					21	21		
82/ 81								.1	1.0	1.6	.9	.4						36	36		
80/ 79								.3	1.3	1.2	1.1	.4						40	40		
78/ 77							.2	1.2	2.0	1.4	.8	.1						52	52		
76/ 75						.1	1.6	3.8	1.7	.9	.6							77	77		
74/ 73							1.6	2.2	1.1	.3	.4							51	51		
72/ 71					.2	1.1	2.9	1.1	1.1	.6	.3							66	66		
70/ 69					.2	2.2	3.4	1.4	1.6	1.1								90	90	2	
68/ 67				.1	1.4	3.1	2.6	2.0	.8	.4	.1							95	95	10	
66/ 65				.3	1.8	3.2	2.8	1.3	.8		.1							93	93	41	
64/ 63				.9	2.3	3.7	2.3	.6	.2									90	90	81	
62/ 61			.1	1.4	2.4	2.1	1.0	.3										67	67	111	
60/ 59			.1	1.2	2.1	2.0	.6		.1									55	55	123	3
58/ 57			.7	1.1	1.4	.2												31	31	125	17
56/ 55			.1	.9	.1	.1	.1											12	12	125	57
54/ 53				.2														2	2	122	82
52/ 51																				103	133
50/ 49																				43	126
48/ 47																				10	110
46/ 45																				2	100
44/ 43																				2	84
42/ 41																					69
40/ 39																					44
38/ 37																					27
36/ 35																					22
34/ 33																					13
32/ 31																					9
26/ 25																					1
22/ 21																					1
20/ 19																					1
18/ 17																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
TOTAL			1.0	6.2	12.1	17.9	19.0	14.4	11.8	9.1	5.6	2.2	.7					900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2065708	41784	46.4	11.830	900							
Dry Bulb	4394299	62533	69.5	7.416	900			55.0	29.9	10.4		90
Wet Bulb	2968183	51517	57.2	4.633	900			1.2				90
Dew Point	2031135	42420	47.1	5.942	900		1.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | JUN MONTH

ALL 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
110/109																	.1	4	4		
108/107																	.1	7	7		
106/105																	.2	17	17		
104/103															.0	.0	.3	26	26		
102/101															.1	.2	.4	47	47		
100/ 99														.0	.2	.4	.3	67	67		
98/ 97														.1	.3	.4	.3	84	84		
96/ 95												.0	.1	.4	.6	.3	.2	116	116		
94/ 93												.1	.4	.6	.6	.2	.0	145	145		
92/ 91												.3	.6	.7	.5	.1	.0	162	162		
90/ 89											.2	.8	1.0	.7	.4	.2		226	226		
88/ 87										.0	.7	.9	1.1	.4	.2	.0		241	241		
86/ 85									.1	.6	1.1	1.4	1.0	.3	.1			325	325		
84/ 83									.3	1.1	1.1	1.1	.7	.2				322	322		
82/ 81								.2	.6	1.2	1.2	.9	.3	.1				329	329		
80/ 79							.0	.4	1.0	1.5	1.5	.6	.2					366	366		
78/ 77							.1	.6	1.7	1.3	.7	.4	.1	.0				360	360		
76/ 75					.0	.1	.5	1.6	1.7	1.0	.5	.1						399	399	1	
74/ 73						.1	.8	2.1	1.5	.6	.3		.0					388	388	14	
72/ 71					.1	.4	2.0	1.5	.8	.4	.0	.0						375	375	84	
70/ 69				.0	.1	1.1	2.1	1.5	.8	.3	.0							417	417	249	
68/ 67				.0	.5	1.5	1.9	.9	.4	.1	.0							390	390	417	
66/ 65				.3	1.0	1.8	1.4	.6	.2	.0	.0							381	381	580	
64/ 63			.0	.6	1.3	2.0	.9	.3	.1									379	379	659	1
62/ 61			.2	1.1	1.8	1.4	.4	.1										369	369	798	6
60/ 59		.0	.9	1.3	1.8	1.1	.5		.0									407	407	911	52
58/ 57		.1	1.1	1.8	1.5	.3	.1											344	344	820	190
56/ 55		.1	.9	2.0	.6	.2	.0											280	280	759	393
54/ 53		.0	.9	.7	.2	.0	.0											142	142	727	553
52/ 51		.1	.5	.1	.0	.0												57	57	552	900
50/ 49		.0	.2	.1														19	19	426	1080
48/ 47		.0	.0	.0														8	8	141	997
46/ 45																				48	982
44/ 43																				8	728

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

ALL (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
42/ 41																				5	516
40/ 39																					317
38/ 37																					223
36/ 35																					146
34/ 33																					66
32/ 31																					33
30/ 29																					6
28/ 27																					1
26/ 25																					3
22/ 21																					2
20/ 19																					3
18/ 17																					1
TOTAL		.4	4.8	8.1	9.1	10.0	10.7	9.8	9.2	8.1	7.4	6.6	5.3	3.6	3.0	1.9	2.0	7199	7199	7199	7199

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15249280	309248	43.0	16.522	7199							
Dry Bulb	39879236	528558	73.4	12.203	7199			481.4	363.2	234.2	51.3	720
Wet Bulb	25069218	422720	58.7	5.863	7199			76.5	1.5			720
Dew Point	16322898	340502	47.3	5.499	7199		4.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
88/ 87									.1	.1								2	2		
86/ 85										.1	.1	.1	.1					4	4		
84/ 83											.1	.3	.1					5	5		
82/ 81						.1			.8	.1	.4	.5	.1					19	19		
80/ 79					.1	.1		.3	1.0	1.2	1.3	.4						41	41		
78/ 77						.2	.1	1.3	1.5	1.4	.9	.1						51	51		
76/ 75				.1		.3	1.5	2.4	3.1	1.1	.4							83	83		
74/ 73				.1	.2	.3	2.6	4.2	3.0	1.1	.1							108	108		
72/ 71				.1	.3	1.5	3.1	2.7	1.1	.4								86	86	4	
70/ 69			.3	.2	.9	1.6	4.1	2.4	1.4	.5								106	106	3	1
68/ 67				.6	2.7	3.5	3.7	1.9	.5									121	121	4	1
66/ 65				2.0	3.3	2.7	1.9	1.1	.1									104	104	25	3
64/ 63			.3	2.0	2.0	.9	1.1	.2										64	64	62	4
62/ 61			.4	1.4	1.9	.9	.3	.2										48	48	133	7
60/ 59			.6	1.1	2.0	1.0	.3											47	47	188	6
58/ 57		.1	.6	.9	1.3	.3												30	30	204	27
56/ 55			.1	.4	.2	.1												8	8	124	91
54/ 53				.3														3	3	84	80
52/ 51																				65	124
50/ 49																				29	141
48/ 47																				5	117
46/ 45																					111
44/ 43																					86
42/ 41																					51
40/ 39																					39
38/ 37																					26
36/ 35																					9
34/ 33																					6
TOTAL		.1	2.5	9.4	15.1	13.5	19.0	16.7	12.6	6.0	3.3	1.5	.3					930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2390395	45603	49.0	2.885	930							
Dry Bulb	4517568	64554	69.4	6.284	930			62.6	31.3	4.7		93
Wet Bulb	3130115	53829	57.9	3.945	930			1.1				93
Dew Point	2219243	45131	48.5	5.599	930			.2				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

 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
84/ 83									.1	.1								2	2		
82/ 81									.1	.1	.3	.1						6	6		
80/ 79										.1	.2							3	3		
78/ 77							.2	.1	.2	.8	.3	.1						16	16		
76/ 75				.1		.2	.1	.3	1.1	1.0								26	26		
74/ 73				.2		.9	1.5	1.1	1.5	.5								53	53		
72/ 71			.2		.3	1.6	2.6	1.8	.9	.5								74	74		
70/ 69			.1	.3	1.4	2.6	2.6	1.9	.9	.1								92	92	2	
68/ 67		.1		.3	1.4	2.8	3.1	1.5	.4									90	90	7	1
66/ 65		.2		1.7	3.1	3.4	3.7	.6										119	119	7	3
64/ 63			.6	2.9	3.8	4.8	1.6	.8										135	135	32	4
62/ 61		.2	1.7	3.1	2.9	1.1	.5	.1										90	90	56	4
60/ 59		.2	1.8	3.2	1.8	1.8	.1											84	84	139	5
58/ 57		.8	2.0	1.3	2.9	.8	.2											74	74	173	36
56/ 55		.2	1.1	2.4	1.1	.1												45	45	191	75
54/ 53		.1	.6	.9	.3													18	18	146	73
52/ 51			.3															3	3	76	112
50/ 49																				86	147
48/ 47																				12	107
46/ 45																				3	114
44/ 43																					112
42/ 41																					73
40/ 39																					36
38/ 37																					15
36/ 35																					10
34/ 33																					2
32/ 31																					1
TOTAL		1.8	8.6	16.5	19.0	20.1	16.2	8.3	5.2	3.2	.9	.2							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	3097101	52141	56.1	13.677	930							
Dry Bulb	3973910	60542	65.1	5.932	930			36.2	10.6	.9		93
Wet Bulb	2928151	52055	56.0	3.947	930			.9				93
Dew Point	2190756	44854	48.2	5.435	930		.1	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-30 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
94/ 93												.1						1	1		
88/ 87											.1	.1		.1				3	3		
86/ 85									.1		.2	.3	.7					8	8		
84/ 83								.1	.1	.2	.6	.6						16	16		
82/ 81							.1	.4	.6	.9	.9	.1						28	28		
80/ 79							.4	.3	1.0	1.3	.8	.1						36	36		
78/ 77						.1	.6	1.3	2.8	2.4	.6							73	73		
76/ 75						.3	1.1	2.0	2.4	1.0	.1							64	64		
74/ 73				.1	.2	1.4	1.7	3.4	1.6	.3								82	82		
72/ 71				.1	.8	2.0	3.7	3.4	1.3	.3								108	108	1	
70/ 69			.2	.2	1.3	3.1	2.8	1.6	.4									90	90	3	
68/ 67			.1	.5	2.2	3.3	4.0	1.1	.2									106	106	18	
66/ 65		.2	.3	1.6	3.0	2.4	2.5	.4	.1									98	98	31	
64/ 63		.1		2.0	2.5	3.5	1.4	.1										90	90	90	7
62/ 61			1.1	1.8	1.7	1.6	.1											59	59	149	11
60/ 59		.1	.4	1.4	1.3	.6	.1											37	37	188	19
58/ 57			.6	.8	1.1	.1												24	24	173	41
56/ 55			.3	.2	.1													6	6	119	93
54/ 53				.1														1	1	96	98
52/ 51																				46	126
50/ 49																				14	155
48/ 47																				2	104
46/ 45																					124
44/ 43																					84
42/ 41																					45
40/ 39																					15
38/ 37																					4
36/ 35																					4
TOTAL		.4	3.1	8.9	14.1	18.6	18.5	14.3	10.6	6.3	3.3	1.4	.2	.1				930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	2502258	46768	50.3	12.723	930
Dry Bulb	4572126	64918	69.8	6.608	930
Wet Bulb	3199193	54423	58.5	3.936	930
Dew Point	2314077	46151	49.6	5.066	930

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum							
Dry Bulb			61.5	31.1	7.1	.1	93
Wet Bulb			2.2				93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

 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
100/ 99														.1		.2		3	3		
98/ 97														.1	.1	.3		5	5		
96/ 95												.1	.3	.3	.9	.4		19	19		
94/ 93										.1	.1	.1	.4	1.7	.6	.2		31	31		
92/ 91										.1	.2	.2	1.6	1.5	.5	.1		40	40		
90/ 89										.2	.9	2.7	2.4	1.1	.1			68	68		
88/ 87									.3	.1	2.4	3.0	1.7	.2				72	72		
86/ 85									.5	1.5	4.0	2.8	1.3	.4				98	98		
84/ 83								.1	1.4	3.1	4.0	2.0	.3					102	102		
82/ 81						.1	.1	.9	2.3	3.3	2.7	.5	.1					93	93		
80/ 79						.1	.6	1.5	3.7	3.1	2.0	.2						105	105		
78/ 77						.1	.9	2.2	2.9	1.3	.3							71	71		
76/ 75					.1	1.1	1.4	1.8	2.5	.9								72	72	2	
74/ 73					.1	.5	1.1	1.8	1.3	.2								47	47	5	
72/ 71						.6	1.7	1.5	.9	.1								45	45	15	
70/ 69			.1	.1	.6	.5	1.3	.6										31	31	56	1
68/ 67			.1	.2	.3	.1	.8	.2										16	16	141	
66/ 65		.1	.1		.2	.6	.2											12	12	212	3
64/ 63																				195	10
62/ 61																				148	28
60/ 59																				82	32
58/ 57																				55	62
56/ 55																				17	112
54/ 53																				2	128
52/ 51																					175
50/ 49																					141
48/ 47																					113
46/ 45																					71
44/ 43																					27
42/ 41																					16
40/ 39																					10
38/ 37																					1
TOTAL		.1	.3	.3	1.4	3.9	8.1	10.6	15.7	14.1	16.6	11.7	8.2	5.5	2.3	1.3		930	930		930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1332568	33908	36.5	10.180	930							
Dry Bulb	6259445	76019	81.7	7.005	930			91.8	82.6	58.2	5.8	93
Wet Bulb	3812716	59456	63.9	3.537	930			21.9	.7			93
Dew Point	2898595	47999	51.6	4.786	930			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

 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
108/107																	.1	1	1		
106/105																.1	.3	4	4		
104/103																.2	.8	9	9		
102/101													.1	.4	.4	1.0	1.6	33	33		
100/ 99														.6	1.2	2.3	1.6	53	53		
98/ 97												.1	.2	1.6	3.1	2.4	.4	73	73		
96/ 95													1.2	3.3	3.7	1.3	.5	93	93		
94/ 93											.3	.8	2.6	4.5	2.8	.5	.3	110	110		
92/ 91									.1	.1	.8	1.3	3.7	2.9	1.9	.1		101	101		
90/ 89									.1	.1	1.4	3.0	4.1	1.3	.3			96	96		
88/ 87									.2	.6	2.5	3.3	1.8	.4				83	83		
86/ 85								.1	1.0	1.3	2.6	2.0	.8	.2				74	74		
84/ 83								.3	.4	1.6	2.3	1.3	.9					63	63		
82/ 81								.4	1.2	1.4	1.4	.3	.1					45	45		
80/ 79								.5	.5	1.1	.8	.2						29	29		
78/ 77							.4	.3	.9	1.2	.1							27	27	1	
76/ 75						.1			1.1	.3	.1							15	15	8	
74/ 73							.2	.2	.2									6	6	27	
72/ 71			.1			.2		.3										6	6	84	
70/ 69			.1	.1			.1											3	3	187	
68/ 67			.1															1	1	230	3
66/ 65			.5															5	5	179	5
64/ 63																				113	11
62/ 61																				56	28
60/ 59																				40	55
58/ 57																				5	68
56/ 55																					118
54/ 53																					124
52/ 51																					156
50/ 49																					128
48/ 47																					92
46/ 45																					80
44/ 43																					23
42/ 41																					26

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
40/ 39																					9
38/ 37																					3
36/ 35																					1
TOTAL			.9	.1		.3	.8	2.3	5.7	7.7	12.2	12.4	15.4	15.4	13.4	7.8	5.7		930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	825670	26352	28.3	9.220	930							
Dry Bulb	7584972	83728	90.0	7.108	930			92.5	91.5	86.2	37.6	93
Wet Bulb	4171700	62206	66.9	3.418	930			53.7	3.6			93
Dew Point	2531731	48281	51.9	5.210	930			.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
108/107																	.2	2	2		
106/105															.1		.9	9	9		
104/103															.2	1.1	2.7	37	37		
102/101														.3	1.3	2.3	3.0	64	64		
100/ 99										.1	.1	.1		.8	3.4	3.7	2.9	103	103		
98/ 97													.2	2.0	3.3	2.9	2.0	98	98		
96/ 95												.6	1.1	4.2	4.2	2.7	.9	127	127		
94/ 93										.1	.2	.9	2.3	4.4	2.7	1.6	.2	115	115		
92/ 91											.2	1.6	2.7	2.8	1.2	.4		83	83		
90/ 89										.2	.9	2.7	2.6	1.2	.6			76	76		
88/ 87										.3	2.9	1.7	1.7	.9				70	70		
86/ 85									.2	.8	1.6	1.5	1.0	.3	.2			52	52		
84/ 83									.2	.5	1.1	.4	.3	.1				25	25		
82/ 81								.1	.3	.3	1.5	.2	.1					24	24	1	
80/ 79							.3		.2	.6	1.2							22	22	1	
78/ 77										.9								8	8	2	
76/ 75								.1	.1									2	2	13	1
74/ 73				.1	.2	.1		.1										5	5	53	
72/ 71			.1	.1		.2												4	4	113	1
70/ 69			.1	.2														3	3	223	
68/ 67			.1															1	1	216	2
66/ 65																				156	4
64/ 63																				84	9
62/ 61																				46	38
60/ 59																				21	32
58/ 57																				1	79
56/ 55																					122
54/ 53																					129
52/ 51																					125
50/ 49																					125
48/ 47																					90
46/ 45																					74
44/ 43																					43
42/ 41																					27

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
40/ 39																					15
38/ 37																					6
36/ 35																					4
34/ 33																					4
TOTAL			.3	.4	.2	.3	.3	.3	1.1	3.9	9.7	9.8	11.9	17.0	17.3	14.6	12.8	930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	662118	23514	25.3	8.530	930							
Dry Bulb	8117647	86665	93.2	6.683	930			93.0	92.2	90.2	55.5	93
Wet Bulb	4286874	63362	67.8	3.398	930			62.2	7.0	.2		93
Dew Point	2500352	47928	51.5	5.717	930			.4	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

 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.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.2	2	2		
102/101																.1	.4	5	5		
100/ 99													.1		.3	.8	.2	13	13		
98/ 97											.1	.2	.5	1.2	1.0	.9	.1	37	37		
96/ 95									.1		.1	.5	1.3	1.8	1.1	.5	.1	52	52		
94/ 93										.1	.2	.5	2.5	2.6	1.2	.1		67	67		
92/ 91									.2	.1	1.3	1.7	2.4	2.5	1.0			85	85		
90/ 89								.1	.1	1.2	1.9	3.7	2.0	.9	.4			96	96		
88/ 87									.9	1.3	2.0	3.5	2.0	.5	.2			98	98		
86/ 85							.1	.2	.6	2.7	4.3	1.9	1.1	.3	.1			106	106		
84/ 83							.1	.5	2.2	3.1	2.4	1.3	.6		.1			96	96		
82/ 81							.1	1.0	1.7	1.9	2.0	.6	.1					70	70		
80/ 79							.2	1.0	1 2	1.5	1.2	.5	.1					53	53	2	
78/ 77					.1	.1	1.1	1.0	1.4	1.5	.1	.1	.2					52	52		
76/ 75						.1		1.2	1.0	.3	.4							28	28	10	
74/ 73					.1	.2	.4	.8	.5	.2	.1							22	22	23	1
72/ 71				.1	.3	.5	.5	.4	.2	.1	.2							23	23	81	1
70/ 69		.1	.2	.1	.4		.3	.3	.2									16	16	134	1
68/ 67			.1			.3	.1	.1										6	6	193	5
66/ 65							.1											1	1	197	17
64/ 63					.1	.1												2	2	109	22
62/ 61																				90	44
60/ 59																				47	70
58/ 57																				25	99
56/ 55																				12	112
54/ 53																				6	127
52/ 51																				1	125
50/ 49																					112
48/ 47																					67
46/ 45																					45
44/ 43																					37
42/ 41																					13
40/ 39																					11
38/ 37																					9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 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.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					6
34/ 33																					2
32/ 31																					2
30/ 29																					1
24/ 23																					1
TOTAL		.1	.3	.2	1.1	1.4	3.1	6.6	10.3	14.1	16.5	14.7	13.0	9.8	5.4	2.4	1.1		930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	1133966	31096	33.4	10.071	930							
Dry Bulb	6913854	79906	85.9	7.210	930			92.7	88.2	75.7	17.6	93
Wet Bulb	4062252	61346	66.0	4.106	930			44.3	3.5			93
Dew Point	2634543	49159	52.9	6.229	930		.4	.8	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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
92/ 91											.2							2	2		
90/ 89								.1		.2			.1	.1				5	5		
88/ 87								.1		.3	.8	.2	.1	.2				16	16		
86/ 85								.1	.3	1.0	.8	1.2	.4					35	35		
84/ 83							.1	.1	.5	2.0	1.0	1.2	.4					50	50		
82/ 81						.3	.3	1.2	2.4	2.2	1.3	.9	.2					81	81		
80/ 79						.2	.2	2.5	3.2	2.9	1.2	.3						98	98		
78/ 77						.1	.8	3.9	4.2	2.2	.8	.4	.2					116	116		
76/ 75					.3	1.1	1.5	4.1	3.2	1.6	.5							115	115	1	
74/ 73					.1	1.8	2.2	3.5	1.9	.8	.4	.1						101	101	1	
72/ 71					.5	2.6	3.1	1.4	1.3	.6	.2							91	91	9	
70/ 69		.3			1.1	2.2	1.1	1.5	1.2	.3								71	71	18	
68/ 67				.2	1.3	1.7	1.3	1.0	.4	.1								56	56	53	2
66/ 65			.3	.3	1.1	.5	1.0	.6	.2									38	38	133	10
64/ 63			.1	.3	.6	1.2	.4	.4										29	29	161	10
62/ 61			.1	.4	.8	.3	.1	.1										17	17	203	12
60/ 59				.1	.2	.2	.1											6	6	149	36
58/ 57				.1	.2													3	3	92	75
56/ 55																				61	116
54/ 53																				51	104
52/ 51																				21	131
50/ 49																				7	113
48/ 47																					93
46/ 45																					68
44/ 43																					49
42/ 41																					48
40/ 39																					29
38/ 37																					15
36/ 35																					10
34/ 33																					5
32/ 31																					3
30/ 29																					1
TOTAL		.3	.5	1.5	6.2	12.3	12.2	20.6	18.9	14.2	7.1	4.3	1.5	.3				930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1867243	40333	43.4	11.273	930							
Dry Bulb	5281120	69838	75.1	6.282	930			83.7	61.9	24.5		93
Wet Bulb	3482296	56770	61.0	4.263	930			8.2	.2			93
Dew Point	2405895	46943	50.5	6.258	930		.4	.2				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
108/107																	.0	3	3		
106/105															.0	.0	.1	13	13		
104/103															.0	.2	.5	48	48		
102/101													.0	.1	.2	.4	.6	102	102		
100/ 99										.0	.0	.0	.0	.2	.6	.9	.6	172	172		
98/ 97											.0	.0	.1	.6	.9	.8	.3	213	213		
96/ 95									.0		.0	.2	.5	1.2	1.2	.6	.2	291	291		
94/ 93										.0	.1	.3	1.0	1.7	.9	.3	.1	324	324		
92/ 91									.0	.0	.3	.6	1.3	1.2	.6	.1		311	311		
90/ 89								.0	.0	.2	.6	1.5	1.4	.6	.2			341	341		
88/ 87								.0	.2	.3	1.3	1.5	.9	.3	.0			344	344		
86/ 85							.0	.1	.3	.9	1.7	1.2	.6	.2	.0			377	377		
84/ 83							.0	.1	.6	1.3	1.4	.9	.3	.0	.0			359	359		
82/ 81						.1	.1	.5	1.2	1.3	1.3	.4	.1					366	366	1	
80/ 79					.0	.1	.2	.8	1.3	1.5	1.1	.2	.0					387	387	3	
78/ 77					.0	.1	.5	1.2	1.7	1.4	.4	.1	.1					414	414	3	
76/ 75				.0	.1	.4	.7	1.5	1.8	.8	.2							405	405	34	1
74/ 73				.1	.1	.7	1.2	1.9	1.3	.4	.1	.0						424	424	109	1
72/ 71			.1	.1	.3	1.2	1.8	1.5	.7	.3	.1							437	437	307	2
70/ 69		.1	.1	.2	.7	1.2	1.5	1.0	.5	.1								412	412	626	3
68/ 67		.0	.1	.2	1.0	1.5	1.6	.7	.2	.0								397	397	862	14
66/ 65		.1	.2	.7	1.3	1.2	1.2	.3	.1									377	377	910	45
64/ 63		.0	.1	.9	1.1	1.3	.6	.2										320	320	846	77
62/ 61		.0	.4	.8	.9	.5	.1	.1										214	214	881	172
60/ 59		.0	.4	.7	.7	.5	.1											174	174	854	255
58/ 57		.1	.4	.4	.7	.1	.0											131	131	728	467
56/ 55		.0	.2	.4	.2	.0												59	59	524	839
54/ 53		.0	.1	.2	.0													22	22	385	863
52/ 51			.0															3	3	209	1074
50/ 49																				136	1062
48/ 47																				19	783
46/ 45																				3	687
44/ 43																					461
42/ 41																					299

Element (X)	$\Sigma_{\lambda}{}^{2}$	Σ_{X}	$\bar{X}$	σ_{s}	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
40/ 39																					164
38/ 37																					79
36/ 35																					44
34/ 33																					19
32/ 31																					6
30/ 29																					2
24/ 23																					1
TOTAL		.4	2.1	4.7	7.1	8.8	9.8	10.0	10.0	8.7	8.7	7.0	6.3	6.0	4.8	3.3	2.4		7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	13811319	299715	40.3	15.283	7440							
Dry Bulb	47220642	586170	78.8	11.815	7440			614.0	489.4	347.5	116.5	744
Wet Bulb	29073297	463147	62.3	5.703	7440			194.5	15.0	.2		744
Dew Point	19295192	376446	50.6	5.773	7440		.9	2.1	.2			744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

 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
88/ 87										.1		.1						2	2		
86/ 85										.1	.1	.3						5	5		
84/ 83									.1	.2		.2						5	5		
82/ 81									.2	.1	.2	.5	.1					11	11		
80/ 79								.1	.1	.1	1.2	.6						20	20		
78/ 77					.1	.1	.3	.5	1.0	.5	.6	.1						31	31		
76/ 75					.2	.1	.8	2.0	1.9	.9	.5							60	60		
74/ 73					.3	.5	1.9	2.9	2.3	.8	.2							83	83		
72/ 71				.2	.6	2.5	2.0	3.2	2.7	.6	.1							112	112		
70/ 69			.1	.4	1.6	2.3	3.2	2.2	1.1	.5								106	106	2	
68/ 67				1.1	1.6	1.9	3.0	2.5	.5	.3								102	102	7	
66/ 65		.1	.8	2.3	2.8	2.9	2.9	1.9	.2									129	129	17	
64/ 63		.3	.5	4.2	2.5	3.0	1.3	.8										117	117	36	3
62/ 61			2.3	2.2	1.7	1.9	.5	.3										83	83	138	12
60/ 59			2.6	1.3	.1	1.0	1.0											55	55	166	15
58/ 57		.1	.2	.1	.1		.2											7	7	218	39
56/ 55					.1		.1											2	2	156	95
54/ 53																				111	118
52/ 51																				42	102
50/ 49																				28	109
48/ 47																				8	94
46/ 45																				1	79
44/ 43																					101
42/ 41																					67
40/ 39																					33
38/ 37																					22
36/ 35																					25
34/ 33																					9
32/ 31																					5
30/ 29																					2
TOTAL		.5	6.5	11.7	11.8	16.2	17.3	16.5	10.1	4.3	3.0	1.9	.1					930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2636202	47540	51.1	14.892	930							
Dry Bulb	4375056	63570	68.4	5.658	930			53.7	21.7	3.2		93
Wet Bulb	3086511	53467	57.5	3.685	930			.9				93
Dew Point	2220378	45068	48.5	6.257	930		.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
94/ 83												.1						1	1		
82/ 81									.1		.1	.1						3	3		
80/ 79									.1	.1	.1		.1					4	4		
78/ 77								.3	.2	.4	.2							11	11		
76/ 75							.3	.4	.1	.5	.4							17	17		
74/ 73					.1		.6	.6	.9	.5								26	26		
72/ 71				.3	.2	.6	1.4	1.3	1.5	.5								55	55		
70/ 69				.1	.1	2.2	1.9	.8	.5	.2								54	54		
68/ 67			.1	.6	1.9	3.4	2.8	.9	.3	.4								98	98		
66/ 65			.5	2.5	3.3	3.3	3.0	1.4	.1									132	132	8	
64/ 63		.5	1.0	3.2	2.9	2.5	2.8	1.0										129	129	11	2
62/ 61		.8	2.7	3.8	2.8	4.5	1.1	.4										149	149	54	4
60/ 59		.8	6.2	3.2	2.9	2.3	.8	.5										155	155	123	14
58/ 57		.9	3.4	1.0	.8	1.4	.6											75	75	193	24
56/ 55		.4	.2	.1		.5	.5											17	17	206	81
54/ 53				.2		.1												3	3	146	133
52/ 51			.1															1	1	109	112
50/ 49																				45	125
48/ 47																				21	81
46/ 45																				12	74
44/ 43																				2	101
42/ 41																					68
40/ 39																					36
38/ 37																					31
36/ 35																					16
34/ 33																					5
32/ 31																					9
30/ 29																					4
TOTAL		3.3	14.3	15.1	15.1	20.9	15.9	7.6	3.9	2.8	.9	.2	.1					930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3309532	53584	57.6	15.465	930							
Dry Bulb	3856711	59703	64.2	5.080	930			26.9	6.2	.7		93
Wet Bulb	2881305	51651	55.5	3.694	930							93
Dew Point	2176777	44615	48.0	6.264	930		1.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

 0600-0800 (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.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.1	.1	.1						3	3		
84/ 83										.2		.3	.2					7	7		
82/ 81								.1	.1	.6	.6	.1						15	15		
80/ 79						.1		.3	.5	.5	.9							22	22		
78/ 77								.9	.6	.9	.8							29	29		
76/ 75					.1	.2	.9	1.5	1.1	1.2	.1	.1						48	48		
74/ 73					.2	.4	1.0	2.0	1.6	.4								53	53		
72/ 71				.2	.4	1.8	2.3	1.4	1.2	.2	.1							71	71		
70/ 69				.4	.9	2.7	2.4	3.2	.8									96	96	2	
68/ 67				.5	4.3	2.7	2.8	1.8	.4	.1								118	118	3	
66/ 65		.1	.4	2.7	3.8	2.3	2.9	1.1	.1									124	124	18	
64/ 63		.3	1.0	3.4	2.3	2.2	1.6	.4	.1									105	105	54	3
62/ 61		.3	2.7	2.4	2.3	2.8	1.2	.5										113	113	93	6
60/ 59		.3	3.0	1.2	.8	1.2	.6	.1										67	67	182	20
58/ 57		.9	1.8	.4	.9	.5	.4											46	46	198	35
56/ 55		.3	.4			.1	.3											11	11	156	93
54/ 53				.1			.1											2	2	110	155
52/ 51																				70	110
50/ 49																				26	106
48/ 47																				11	82
46/ 45																				4	81
44/ 43																				3	99
42/ 41																					64
40/ 39																					28
38/ 37																					19
36/ 35																					6
34/ 33																					11
32/ 31																					6
30/ 29																					3
28/ 27																					1
TOTAL		2.3	9.4	11.4	15.8	17.0	16.5	13.4	6.6	4.3	2.6	.6	.2					930	930		930
																				930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	2926188	50232	54.0	15.142	930							
Dry Bulb	4223678	62416	67.1	6.111	930			46.2	17.7	3.5		93
Wet Bulb	3049747	53131	57.1	3.933	930			.5				93
Dew Point	2255477	45451	43.9	6.067	930		1.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

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
98/ 97														.1	.1			2	2		
96/ 95													.1	.2	.3	.2	.2	10	10		
94/ 93												.1	.3	.6	.4	.2		16	16		
92/ 91										.1		.5	1.0	1.2	.4	.2		32	32		
90/ 89										.1	.4	1.2	1.7	.5				37	37		
88/ 87									.1	.4	1.4	2.5	2.3	.4	.1			67	67		
86/ 85								.3	.3	1.3	1.7	2.4	1.0	.1				66	66		
84/ 83								.2	.8	3.2	3.3	2.2	.6	.1				97	97		
82/ 81							.1	.4	2.3	2.2	2.8	.8	.2					81	81		
80/ 79							.3	2.2	3.2	3.0	1.6	.2	.1					99	99		
78/ 77						.1	.9	2.7	3.3	2.4	1.0							96	96		
76/ 75						1.0	2.3	2.8	1.9	1.1	.1							85	85		
74/ 73						1.6	3.2	2.2	2.4	.4	.1							92	92	1	
72/ 71					.4	2.6	1.9	1.5	.5	.8								72	72	11	
70/ 69			.1	.1	.9	1.7	1.1	.6	.2	.2								46	46	35	
68/ 67			.1	.2	.8	.4	.1	.4										19	19	91	
66/ 65			.3	.2	.2			.1										8	8	167	1
64/ 63			.1	.2														3	3	223	7
62/ 61			.1	.1														2	2	200	17
60/ 59																				113	29
58/ 57																				60	78
56/ 55																				22	151
54/ 53																				5	125
52/ 51																				2	127
50/ 49																					119
48/ 47																					81
46/ 45																					92
44/ 43																					46
42/ 41																					27
40/ 39																					16
38/ 37																					9
36/ 35																					3
34/ 33																					1
32/ 31																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
TOTAL			.8	.9	2.3	7.4	9.9	13.4	15.1	15.2	12.5	9.8	7.3	3.3	1.4	.6	.2	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1514554	35932	38.6	11.658	930							
Dry Bulb	5939712	74056	79.6	6.774	930			91.7	78.0	46.4	2.8	93
Wet Bulb	3700676	58580	63.0	3.404	930			13.8	.1			93
Dew Point	2457768	47550	51.1	5.349	930		.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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
104/103															.2		.6	8	8		
102/101														.1	.2	.5	.8	15	15		
100/ 99													.2	.4	1.0	.6	1.5	35	35		
98/ 97												.2	.2	.6	1.5	1.8	.8	48	48		
96/ 95											.1	.2	.5	2.2	2.8	1.0	.6	69	69		
94/ 93												.2	1.5	2.7	2.6	1.1	.2	77	77		
92/ 91											.4	1.1	2.8	2.2	1.2	.5		76	76		
90/ 89										.2	1.6	2.8	3.8	2.3	.5	.1		105	105		
88/ 87										.8	3.0	3.8	3.1	.5				104	104		
86/ 85									.3	2.3	4.2	3.4	1.1					105	105		
84/ 83								.5	1.7	2.7	2.6	1.5	.4					88	88		
82/ 81								.4	1.6	1.9	1.7	1.0	.1					63	63		
80/ 79							.3	1.1	1.4	1.9	1.0	.2						55	55		
78/ 77							.4	1.9	.6	1.0	.5							42	42	1	
76/ 75							.5	.5	.1	.3								14	14	8	
74/ 73						.2	.6	.2	.2									12	12	14	
72/ 71					.1	.1	.2											4	4	44	
70/ 69				.3	.1	.2												6	6	129	
68/ 67				.1														1	1	209	1
66/ 65																				249	2
64/ 63		.3																3	3	167	9
62/ 61																				64	24
60/ 59																				39	43
58/ 57																				6	89
56/ 55																					124
54/ 53																					132
52/ 51																					132
50/ 49																					124
48/ 47																					92
46/ 45																					63
44/ 43																					42
42/ 41																					28
40/ 39																					16
38/ 37																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	69-70,73-80	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
36/ 35																					3
TOTAL		.3		.4	.2	.5	2.2	4.7	6.0	11.1	15.2	14.4	13.8	11.0	10.0	5.7	4.5	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	939490	28068	30.2	9.972	930			92.7	91.6	82.5	25.2	93
Dry Bulb	7230194	81748	87.9	6.[illegible]18	930			40.5	2.3			93
Wet Bulb	4067892	61438	66.1	3.[illegible]69	930			.1				93
Dew Point	2504883	48009	51.6	5.344	930							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
106/105															.2	.2	.4	8	8		
104/103														.2	.4	.4	.8	17	17		
102/101														.2	.5	.9	2.4	37	37		
100/ 99														.5	1.5	2.0	1.6	53	53		
98/ 97													.6	.9	2.4	3.0	2.3	85	85		
96/ 95												.1	1.1	1.4	4.5	1.3	1.4	91	91		
94/ 93												.9	1.9	3.2	3.1	1.1	.1	96	96		
92/ 91											.8	.8	3.9	2.5	1.3	.2		87	87		
90/ 89										.4	1.8	2.4	6.6	1.7	.3	.2		125	125		
88/ 87										.4	2.2	3.8	2.5	.4				86	86		
86/ 85									.8	1.3	1.6	2.8	.9	.3				71	71		
84/ 83								.3	1.1	1.9	1.2	1.6	.3	.2				62	62		
82/ 81									1.4	1.7	1.9	.9	.2					57	57		
80/ 79								.2	1.1	.4	.3	.1						20	20		
78/ 77							.2	.6	.1	.3								12	12	5	
76/ 75							.2	.3		.1								6	6	9	
74/ 73						.1		.5										6	6	28	
72/ 71					.1													1	1	74	
70/ 69				.2	.1													3	3	149	
68/ 67				.2														2	2	236	
66/ 65			.2															2	2	231	
64/ 63			.1															1	1	114	12
62/ 61																				58	35
60/ 59																				21	44
58/ 57																				3	77
56/ 55																					96
54/ 53																					123
52/ 51																					148
50/ 49																					142
48/ 47																					82
46/ 45																					72
44/ 43																					33
42/ 41																					27
40/ 39																					18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

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
38/ 37																					12
36/ 35																					6
34/ 33																					1
TOTAL			.3	.4	.2	.1	.4	2.0	4.4	6.7	9.8	13.3	18.0	11.6	14.3	9.4	8.9		928		928
																		928		928	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	764779	25269	27.2	9.097	928							
Dry Bulb	7680754	84190	90.7	6.800	928			92.7	92.1	89.2	38.8	93
Wet Bulb	4162449	62079	66.9	3.226	928			50.2	4.2			93
Dew Point	2474340	47638	51.3	5.582	928							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

 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.	Dry Bulb	Wet Bulb	Dew Point
104/103														.1	.1			2	2		
102/101														.1	.1			2	2		
100/ 99												.2	.1		.1			4	4		
98/ 97												.3	.2	.1	.6	.2		14	14		
96/ 95											.2	.2	.3	1.0	1.1	.2		28	28		
94/ 93										.2	.4	.4	.9	1.2	.6	.2		37	37		
92/ 91											.3	1.5	1.8	1.3	.2			48	48		
90/ 89										.9	1.6	1.9	1.4	.6				60	60		
88/ 87									.6	1.7	2.2	3.6	1.0	.4				88	88		
86/ 85								.3	.9	1.8	3.5	3.1	.9					97	97		
84/ 83							.1	1.1	2.3	3.7	1.5	1.6	.3					98	98		
82/ 81							.4	1.2	1.9	3.5	1.7	1.1	.1					92	92		
80/ 79						.2	.9	2.7	2.2	2.7	1.4	.2						95	95		
78/ 77						.1	1.4	2.4	3.1	1.1	.9	.1						84	84	4	
76/ 75						.8	1.5	1.1	1.8	1.1	.3							61	61	10	
74/ 73					.1	.6	1.0	1.1	.9	.9	.1	.1						44	44	12	
72/ 71					.2	1.3	.8	.4	.4	.3								32	32	31	
70/ 69				.3	.5	.4	.5	.3	.1									21	21	118	
68/ 67			.2		.6	.3		.1		.1								13	13	162	5
66/ 65			.3	.2														5	5	175	10
64/ 63		.1	.1															2	2	163	30
62/ 61																				123	43
60/ 59																				79	75
58/ 57																				32	103
56/ 55																				13	118
54/ 53																				3	118
52/ 51																				2	135
50/ 49																					96
48/ 47																					62
46/ 45																					53
44/ 43																					36
42/ 41																					20
40/ 39																					16
38/ 37																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 — STATION
CASTLE AFB CA — STATION NAME
69-70,73-80 — YEARS
AUG — MONTH

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.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					1
32/ 31																					1
30/ 29																					1
TOTAL		.1	.6	.5	1.5	3.8	6.6	10.7	14.2	17.9	14.1	14.5	7.0	4.9	2.9	.6			927		927
																		927		927	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1385322	34412	37.1	10.794	927							
Dry Bulb	6400920	76748	82.8	7.110	927			92.3	85.7	63.4	8.7	93
Wet Bulb	3926698	60216	65.0	4.050	927			33.8	2.6			93
Dew Point	2636542	49134	53.0	5.904	927		.2	.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
92/ 91										.1	.1							2	2		
90/ 89									.2	.1	.3	.1	.1					8	8		
88/ 87											.2	.1		.1				4	4		
86/ 85									.3	.1	.4	.1		.1				10	10		
84/ 83							.1	.3	.4	.4	.5	.5	.2					24	24		
82/ 81							.2	.6	1.2	1.2	1.4	.6						49	49		
80/ 79						.4	1.0	1.0	1.7	1.8	1.5							69	69		
78/ 77					.1	.1	1.6	3.0	2.7	1.4	.6		.1					90	90		
76/ 75					.3	2.0	2.3	2.8	2.4	2.9	.1	.1						120	120	1	
74/ 73					.5	1.9	2.4	3.5	2.4	.6	.3							108	108	2	
72/ 71				.2	1.7	3.0	2.7	3.5	2.2	.2								125	125	6	
70/ 69				.3	1.8	2.0	2.8	2.5	1.5	.2								104	104	17	
68/ 67				1.0	1.9	1.9	2.5	1.0	.9									85	85	37	1
66/ 65		.1	.5	1.3	2.3	1.5	1.0	.6										68	68	79	7
64/ 63		.3	.2	1.9	1.0	.2	.5	.5										44	44	130	10
62/ 61			.1	.8		.3	.2	.2										15	15	177	28
60/ 59			.1			.1												2	2	179	49
58/ 57																				162	82
56/ 55																				77	100
54/ 53																				33	122
52/ 51																				19	95
50/ 49																				8	100
48/ 47																					85
46/ 45																					93
44/ 43																					60
42/ 41																					43
40/ 39																					22
38/ 37																					15
36/ 35																					10
34/ 33																					3
32/ 31																					2
TOTAL		.4	1.0	5.5	9.7	13.7	17.3	19.5	15.9	9.2	5.6	1.6	.4	.2					927		927
																		927		927	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	2189940	43544	47.0	12.494	927			80.1	48.6	13.5		93
Dry Bulb	4983213	67755	73.1	5.782	927			6.3	.3			93
Wet Bulb	3401461	56027	60.4	4.057	927			.2	.1			93
Dew Point	2427135	47067	50.8	6.354	927							

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 69-70,73-80 YEARS | AUG MONTH

ALL 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
106/105															.0	.0	.1	8	8		
104/103														.0	.1	.1	.2	27	27		
102/101														.1	.1	.2	.4	54	54		
100/ 99												.0	.0	.1	.3	.3	.4	92	92		
98/ 97												.1	.1	.2	.6	.6	.4	149	149		
96/ 95											.0	.1	.3	.6	1.1	.3	.3	198	198		
94/ 93										.0	.1	.2	.6	1.0	.8	.3	.0	226	226		
92/ 91										.0	.2	.5	1.2	.9	.4	.1		245	245		
90/ 89									.0	.2	.7	1.0	1.7	.6	.1	.0		335	335		
88/ 87									.1	.4	1.1	1.7	1.1	.2	.0			351	351		
86/ 85								.1	.3	.9	1.5	1.5	.5	.1				357	357		
84/ 83							.0	.3	.8	1.5	1.1	1.0	.3	.0				382	382		
82/ 81							.1	.3	1.1	1.4	1.3	.6	.1					371	371		
80/ 79						.1	.3	.9	1.3	1.3	1.0	.2	.0					384	384		
78/ 77					.0	.1	.6	1.5	1.5	1.0	.6	.0	.0					395	395	10	
76/ 75					.1	.5	1.1	1.4	1.2	1.0	.2	.0						411	411	28	
74/ 73					.2	.7	1.3	1.6	1.3	.5	.1	.0						424	424	57	
72/ 71				.1	.5	1.5	1.4	1.4	1.1	.3	.0							472	472	166	
70/ 69			.0	.3	.8	1.4	1.5	1.2	.5	.1								436	436	452	
68/ 67			.1	.5	1.4	1.3	1.4	.8	.3	.1								438	438	745	7
66/ 65		.0	.4	1.1	1.5	1.3	1.2	.6	.1									468	468	944	20
64/ 63		.2	.4	1.6	1.1	1.0	.8	.3	.0									404	404	898	76
62/ 61		.1	1.0	1.1	.8	1.2	.4	.2										362	362	907	169
60/ 59		.1	1.5	.7	.5	.6	.3	.1										279	279	902	289
58/ 57		.2	.7	.2	.2	.2	.2											128	128	872	527
56/ 55		.1	.1	.0	.0	.1	.1											30	30	630	858
54/ 53				.0		.0	.0											5	5	408	1026
52/ 51			.0															1	1	244	961
50/ 49																				107	921
48/ 47																				40	659
46/ 45																				17	607
44/ 43																				5	518
42/ 41																					344
40/ 39																					185

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
39/ 37																					118
36/ 35																					70
34/ 33																					40
32/ 31																					26
30/ 29																					10
28/ 27																					1
TOTAL		.9	4.1	5.7	7.1	10.0	10.8	11.0	9.5	8.9	8.0	7.0	5.9	3.9	3.6	2.0	1.7	7432	7432	7432	7432

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15666007	316581	42.9	16.445	7432							
Dry Bulb	44690238	570186	76.7	11.279	7432			576.1	441.4	302.3	75.5	744
Wet Bulb	28276739	456589	61.4	5.514	7432			146.0	9.5			744
Dew Point	19153300	374532	50.4	6.127	7432		3.7	.7				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-79 (YEARS) | SEP (MONTH)

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
80/ 79								.1		.1								2	2		
78/ 77					.1			.2	.9	.2		.1						14	14		
76/ 75				.2		.9	.2	.4	1.1	.6	.1							32	32		
74/ 73			.2		.2	.4	.6	.9	.8	.2								30	30		
72/ 71			.2	.1	.7	1.2	1.1	1.2	1.1	.1								52	52	1	
70/ 69				.2	1.4	3.1	1.7	1.0	.1									68	68	4	2
68/ 67			.1	2.2	3.3	3.9	1.8	1.3	.1									115	115	3	3
66/ 65		.2	1.0	2.8	6.2	3.0	1.7	.7	.1									141	141	12	1
64/ 63		1.0	.4	3.6	4.6	2.1	1.3	.2										119	119	33	4
62/ 61		.7	2.1	5.7	4.9	1.1	1.0		.2									141	141	95	8
60/ 59		.9	2.6	3.6	2.2	.9	.4	.3										98	98	131	37
58/ 57		.2	1.6	1.7	.7	.6	.3											45	45	214	52
56/ 55		.1	.8	.7	.4	.8	.1											26	26	166	61
54/ 53			.1	.4	.1	.3												9	9	121	118
52/ 51					.2													2	2	51	160
50/ 49				.3	.3													6	6	31	121
48/ 47																				15	108
46/ 45																				12	74
44/ 43																				8	47
42/ 41																				3	35
40/ 39																					22
38/ 37																					13
36/ 35																					18
34/ 33																					9
32/ 31																					1
30/ 29																					2
28/ 27																					4
TOTAL		3.1	9.1	21.4	25.4	18.3	10.2	6.4	4.4	1.2	.1	.1						900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	3361223	53669	59.6	13.375	900							
Dry Bulb	3803899	58317	64.8	5.289	900			31.3	7.8			90
Wet Bulb	2899859	50945	56.6	4.230	900			.8				90
Dew Point	2262280	44782	49.8	6.152	900		.7	.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
78/ 77					.1			.2	.1									4	4		
76/ 75				.1	.1				.1	.1								4	4		
74/ 73						.1	.1	.4	.2	.1	.1							10	10		
72/ 71					.3	.3	.6	.3	.2									16	16		
70/ 69			.6	.1	.4	.3	1.2	.6	.3	.2								34	34	3	
68/ 67			.1	1.1	1.8	.8	1.1	.4										48	48	2	1
66/ 65			.9	1.7	2.4	2.2	1.2	.4										80	80	3	4
64/ 63		1.0	2.0	3.4	4.2	2.0	.6	.1										120	120	11	2
62/ 61		.8	2.3	7.3	3.8	1.9		.2										147	147	41	4
60/ 59		1.1	5.3	6.3	3.1	1.8	.4											163	163	86	24
58/ 57		1.4	6.9	4.6	2.2	1.6	.3											153	153	121	41
56/ 55		1.0	3.2	1.9	.8	.8	.2											71	71	232	60
54/ 53			.7	.6	.4	.4	.3											22	22	166	101
52/ 51			.4	.3	.8	.2												16	16	112	163
50/ 49			.2	.1	.4													7	7	53	142
48/ 47			.2	.2														4	4	30	101
46/ 45				.1														1	1	16	79
44/ 43																				18	46
42/ 41																				5	40
40/ 39																				1	30
38/ 37																					14
36/ 35																					30
34/ 33																					5
32/ 31																					8
30/ 29																					2
28/ 27																					3
TOTAL		5.3	22.9	27.9	21.0	12.4	6.1	2.8	1.0	.4	.1							900	900		900
																				900	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4011626	58880	65.4	13.323	900							
Dry Bulb	3385044	55024	61.1	4.833	900			11.6	1.8			90
Wet Bulb	2702232	49168	54.6	4.236	900			.5				90
Dew Point	2186538	44014	48.9	6.155	900		1.3	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
84/ 83										.1								1	1		
80/ 79							.2			.3								5	5		
78/ 77				.1	.1	.1	.1	.1	.9	.3								16	16		
76/ 75						.2	.4	.3	.3	.3	.1							16	16		
74/ 73			.2	.1	.1	.2	.8	.7	.4									23	23		
72/ 71					.8	1.1	1.8	.6	.4									42	42	1	
70/ 69			.1	.2	1.3	2.0	1.9	.6	.6	.2								62	62	3	2
68/ 67		.1	.1	1.0	1.9	2.1	1.7	.9	.1									71	71	4	1
66/ 65		.1	.6	2.4	4.9	3.0	1.2	.4	.2	.1								117	117	9	3
64/ 63		.6	2.0	3.6	3.9	1.3	1.2	.3										116	116	23	1
62/ 61		.6	2.2	7.2	3.3	.8	.3											127	127	76	7
60/ 59		.9	3.6	2.7	1.4	1.0	.7	.2										94	94	128	26
58/ 57		.6	4.6	3.4	1.1	1.1	.2	.1										100	100	154	40
56/ 55		1.0	2.8	1.3	1.0	.9												63	63	180	75
54/ 53		.2	1.3	.6	.3	.3	.2											27	27	130	121
52/ 51			.4	.2	.6													11	11	86	161
50/ 49			.1		.3													4	4	46	142
48/ 47			.1	.2														3	3	28	99
46/ 45			.1															1	1	15	66
44/ 43				.1														1	1	10	35
42/ 41																				6	33
40/ 39																				1	29
38/ 37																					16
36/ 35																					18
34/ 33																					16
32/ 31																					3
30/ 29																					3
28/ 27																					3
TOTAL		4.0	18.2	23.2	20.8	14.2	10.8	4.2	3.0	1.4	.1							900	900		900
																				900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3684170	56178	62.4	14.053	900							
Dry Bulb	3620279	56831	63.1	5.934	900			23.6	6.1	.4		90
Wet Bulb	2811276	50134	55.7	4.547	900			.8				90
Dew Point	2230410	44456	49.4	6.193	900		.9	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

 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
94/ 93													.1	.4					5	5		
92/ 91												.1	.4	.3	.2				10	10		
90/ 89										.2	.3	.6	.6	.3	.2				20	20		
88/ 87								.1	.1	.3	.4	1.0	.3	.1	.1				23	23		
86/ 85								.2	.4	1.0	1.6	1.2	.3	.1					44	44		
84/ 83							.1	.2	.6	2.0	2.1	1.3	.4						61	61		
82/ 81						.1	.1	.3	2.1	1.9	1.3	1.0							62	62		
80/ 79						.1	.6	1.2	2.3	2.4	1.8	.3	.1						80	80		
78/ 77						.3	.8	3.1	3.9	1.7	1.0	.8							104	104		
76/ 75			.1		.2	1.4	2.6	5.2	1.6	.9	.7	.1							115	115		
74/ 73					.2	1.1	3.7	2.8	1.7	.6	.2	.1							93	93	4	
72/ 71				.3	.6	2.2	4.8	1.4	.3	.4									91	91	6	1
70/ 69			.2	.4	1.9	3.1	2.1	.6	.7	.2	.1								84	84	25	
68/ 67		.1	.3	.7	.6	2.4	.7	.3	.2	.4									52	52	53	2
66/ 65		.1	.2		1.8	.6	.6	.1	.2										32	32	119	2
64/ 63		.1	.1	.1	.4	.3	.2	.3											15	15	166	12
62/ 61			.1		.3		.2	.1											7	7	218	20
60/ 59							.2												2	2	136	42
58/ 57																					94	61
56/ 55																					39	111
54/ 53																					21	146
52/ 51																					10	162
50/ 49																					7	107
48/ 47																					2	62
46/ 45																						49
44/ 43																						33
42/ 41																						25
40/ 39																						27
38/ 37																						14
36/ 35																						10
34/ 33																						11
32/ 31																						2
28/ 27																						1

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_s	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	68-70,73-79	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — HOURS (L. S. T.): 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
TOTAL		.3	1.1	1.6	6.0	11.8	16.6	16.1	14.1	12.1	9.6	6.6	2.3	1.3	.6			900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1824197	38977	43.3	12.308	900
Dry Bulb	5250778	68488	76.1	6.586	900
Wet Bulb	3441406	55538	61.7	3.977	900
Dew Point	2387574	46024	51.1	6.151	900

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
		84.4	61.7	27.2	.5	90
		8.8	.4			90
	.3	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23293 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

 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
102/101														.1		.1	.2	4	4		
100/ 99														.1		.8	.1	9	9		
98/ 97														.2	1.3	.9	.1	23	23		
96/ 95											.1		.2	1.1	1.6	.3	.2	32	32		
94/ 93										.1	.3	.7	1.0	2.3	.2	.8		49	49		
92/ 91									.1		.6	1.4	2.3	1.9	1.0	.8	.1	74	74		
90/ 89										.1	.9	2.8	1.7	2.0	1.1	.1		78	78		
88/ 87							.1		.1	.7	2.6	3.0	1.7	1.3	.1			86	86		
86/ 85						.1			.1	1.8	4.2	1.8	2.2	.6				97	97		
84/ 83							.1	.1	1.2	3.2	2.8	1.2	.7	.3				87	87		
82/ 81						.1	.1	.9	2.6	3.7	2.1	.6	.6	.2				97	97		
80/ 79					.1	.1	.6	1.2	3.1	1.8	.8	.4	.2	.1				76	76		
78/ 77					.1		.3	2.3	2.2	.8	.3	.6	.3					63	63	2	
76/ 75						.4	.6	2.7	.8	.7	.4	.3	.1					54	54	6	
74/ 73				.1		.7	.8	.9	.3	.3		.2						30	30	5	1
72/ 71			.3	.3	.1	.4	.6	.6	.2	.3	.1							27	27	34	1
70/ 69				.1	.1	.2	.1			.2								7	7	88	2
68/ 67				.1	.1	.2												4	4	162	5
66/ 65							.3											3	3	196	6
64/ 63																				169	6
62/ 61																				134	18
60/ 59																				47	41
58/ 57																				28	64
56/ 55																				13	125
54/ 53																				13	158
52/ 51																				3	131
50/ 49																					89
48/ 47																					66
46/ 45																					56
44/ 43																					35
42/ 41																					26
40/ 39																					24
38/ 37																					17
36/ 35																					12

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70, 73-79 (YEARS) SEP (MONTH)

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
34/ 33																					5
32/ 31																					7
30/ 29																					2
28/ 27																					2
26/ 25																					1
TOTAL			.3	.7	.6	2.3	3.6	8.7	10.8	13.7	15.2	13.0	11.0	10.3	5.3	3.8	.8		900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1089237	29779	33.1	10.751	900							
Dry Bulb	6466547	76031	84.5	6.959	900			89.7	85.9	68.1	11.7	90
Wet Bulb	3782844	58244	64.7	3.882	900			29.7	1.3			90
Dew Point	2388784	45986	51.1	6.595	900		1.2	.9	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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
104/103																	.1	1	1		
102/101															.2	.4	.3	9	9		
100/ 99														.3	.8	1.4	.6	28	28		
98/ 97														.2	2.4	1.0	.3	36	36		
96/ 95											.4	.2	.3	1.0	1.7	.7	.6	44	44		
94/ 93										.1	.2	1.1	1.6	3.2	1.2	1.1	.3	80	80		
92/ 91									.1	.1	.2	1.7	2.7	2.4	2.0	.6		88	88		
90/ 89								.1		.1	1.1	2.8	3.1	1.9	.9	.2		92	92		
88/ 87										1.2	2.0	2.7	2.3	1.3	.6			91	91		
86/ 85									.8	2.8	2.6	3.3	1.9	.8	.1			110	110		
84/ 83								.2	1.1	2.9	1.7	1.1	.4	.8				74	74		
82/ 81							.2	.3	1.7	3.0	1.0	.6	.3	.6				69	69		
80/ 79							.2	.3	1.8	1.4	1.1	.3		.1				48	48		
78/ 77					.2		.3	1.2	1.4	1.1	.9	.4	.3	.1				55	55	1	
76/ 75						.1	.3	.3	.9	.3		.3	.3					24	24	7	
74/ 73			.1				.2	.7	.6	.1	.1	.1						17	17	11	
72/ 71			.1				.2	.6	.1		.1	.1						11	11	39	1
70/ 69		.1			.9	.2		.1			.1							13	13	139	1
68/ 67				.3	.1	.2	.1											7	7	170	5
66/ 65			.1				.2											3	3	164	8
64/ 63																				172	4
62/ 61																				91	14
60/ 59																				55	38
58/ 57																				24	70
56/ 55																				15	120
54/ 53																				7	129
52/ 51																				4	122
50/ 49																				1	101
48/ 47																					62
46/ 45																					67
44/ 43																					48
42/ 41																					31
40/ 39																					22
38/ 37																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	68-70,73-79	SEP
STATION	STATION NAME	YEARS	MONTH

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
36/ 35																					12
34/ 33																					10
32/ 31																					6
30/ 29																					2
28/ 27																					3
26/ 25																					7
24/ 23																					1
TOTAL		.1	.3	.3	1.2	.6	1.9	3.9	8.4	13.2	11.6	14.8	13.3	12.8	9.9	5.4	2.2		900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	920999	27195	30.2	10.508	900							
Dry Bulb	6800638	77962	86.6	7.248	900			89.7	86.6	75.4	19.8	90
Wet Bulb	3841944	58688	65.2	4.080	900			36.7	1.9			90
Dew Point	2333030	45382	50.4	7.049	900		1.9	.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
98/ 97														.2				2	2		
96/ 95											.1		.1					2	2		
94/ 93											.2	.1	.2	.2	.1			8	8		
92/ 91									.1		.2	.6	.9	.2				18	18		
90/ 89									.1	.3	.7	.3	.4	.2				19	19		
88/ 87									.2	.4	1.2	1.3	.2	.2				33	33		
86/ 85						.1	.1	.2	.4	1.6	2.6	.9	.6	.2				60	60		
84/ 83								.6	2.3	3.1	1.3	1.0	.1					76	76		
82/ 81				.2			.4	1.2	2.7	2.1	1.0	.1	.1					71	71		
80/ 79						.1	.8	2.8	2.2	3.6	1.4	.3	.1					102	102		
78/ 77						.6	2.6	3.1	3.6	1.8	.7	.2						112	112		
76/ 75					.1	1.2	2.6	3.1	1.9	1.0	.1	.1	.1					92	92	5	
74/ 73				.1	.1	1.3	3.9	2.2	1.7	.6	.6	.1						95	95	4	1
72/ 71				.1	.6	1.7	3.2	1.4	.7	.6	.1							75	75	17	2
70/ 69			.2	.1	.3	2.0	1.2	1.8	.3	.1	.3							58	58	51	
68/ 67		.1	.1	.2	.7	1.3	.2	.1	.2	.8								34	34	96	2
66/ 65			.6	.2	.6	.7	.7	.1	.3									28	28	151	10
64/ 63		.1	.1		.3	.4	.1	.1										11	11	140	9
62/ 61		.1			.1			.1										3	3	175	31
60/ 59								.1										1	1	128	75
58/ 57																				60	85
56/ 55																				30	132
54/ 53																				22	127
52/ 51																				11	120
50/ 49																				8	89
48/ 47																				1	56
46/ 45																				1	66
44/ 43																					29
42/ 41																					16
40/ 39																					11
38/ 37																					8
36/ 35																					10
34/ 33																					4
32/ 31																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					5
28/ 27																					6
TOTAL		.3	1.0	1.0	2.8	9.4	15.8	17.0	16.8	15.9	10.6	5.1	2.9	1.3	.1			900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1734640	38162	42.4	11.383	900							
Dry Bulb	5456988	69824	77.6	6.661	900			35.7	09.0	34.4	1.2	90
Wet Bulb	3555195	56421	62.7	4.495	900			17.3	.9			90
Dew Point	2480386	46862	52.1	6.698	900		1.7	.5	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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
90/ 89										.1								1	1		
84/ 83									.1	.1								2	2		
82/ 81						.1		.2	.2	.3	.3							11	11		
80/ 79						.2	.2	.7	.7	.9	.1							25	25		
78/ 77				.2		.1	1.3	.7	1.6	.9								43	43		
76/ 75			.1		.6	1.7	1.4	2.2	.9	.4								66	66		
74/ 73					.4	3.1	3.6	2.2	1.7	.2								101	101	1	
72/ 71					2.6	2.6	3.2	2.3	.9	.2	.1							107	107	4	
70/ 69			.1	.7	3.4	5.0	3.0	2.0	.9	.1								137	137	4	3
68/ 67		.1	.2	1.0	4.6	4.1	2.1	1.0	.2									120	120	19	1
66/ 65		.1	.7	1.2	6.0	2.0	1.4	.6	.3	.1								112	112	49	1
64/ 63		.1	.7	1.9	3.2	2.1	.4	.2	.4									82	82	99	7
62/ 61		.3	.8	1.7	1.8	.6	.7	.3										55	55	154	19
60/ 59			.1	1.2	.1	.3	.4	.3										23	23	182	53
58/ 57			.1	.3		.3		.2										9	9	187	82
56/ 55			.1		.2	.2												5	5	83	83
54/ 53																				61	135
52/ 51				.1														1	1	20	154
50/ 49																				17	111
48/ 47																				15	81
46/ 45																				5	55
44/ 43																					34
42/ 41																					23
40/ 39																					16
38/ 37																					11
36/ 35																					11
34/ 33																					9
32/ 31																					5
30/ 29																					6
TOTAL		.7	2.9	8.3	22.9	22.4	17.9	13.0	7.9	3.4	.6							900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2716324	48264	53.6	11.936	900							
Dry Bulb	4335347	62279	69.2	5.348	900			61.3	24.9	3.0		90
Wet Bulb	3152387	53125	59.0	4.289	900			2.8	.1			90
Dew Point	2380041	45933	51.0	6.308	900		1.1	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
104/103																	.0	1	1		
102/101														.0	.0	.1	.1	13	13		
100/ 99														.1	.1	.3	.1	37	37		
98/ 97														.1	.5	.2	.1	61	61		
96/ 95											.1	.0	.1	.3	.4	.1	.1	78	78		
94/ 93										.0	.1	.2	.4	.8	.2	.2	.0	142	142		
92/ 91									.0	.0	.1	.5	.8	.6	.4	.2	.0	190	190		
90/ 89								.0	.0	.1	.4	.8	.7	.6	.3	.0		210	210		
88/ 87							.0	.0	.1	.3	.8	1.0	.6	.4	.1			233	233		
86/ 85						.0	.0	.1	.2	.9	1.4	.9	.6	.2	.0			311	311		
84/ 83							.0	.1	.7	1.4	1.0	.6	.2	.1				301	301		
82/ 81				.0		.0	.1	.4	1.2	1.4	.7	.3	.1	.1				310	310		
80/ 79					.0	.1	.3	.8	1.3	1.3	.7	.2	.1	.0				338	338		
78/ 77				.0	.1	.1	.7	1.4	1.8	.8	.4	.3	.1	.0				411	411	3	
76/ 75			.0	.0	.1	.8	1.0	1.8	.9	.5	.2	.1	.1					403	403	18	
74/ 73			.1	.0	.1	.9	1.7	1.3	.9	.3	.1	.1						399	399	25	2
72/ 71			.1	.1	.7	1.2	1.9	1.1	.5	.2	.1	.0						421	421	102	5
70/ 69		.0	.2	.2	1.2	2.0	1.4	.8	.4	.1	.1							463	463	317	10
68/ 67		.1	.1	.8	1.6	1.9	1.0	.5	.1	.2								451	451	509	20
66/ 65		.1	.5	1.0	2.7	1.4	.9	.3	.2	.0								516	516	703	35
64/ 63		.4	.7	1.6	2.1	1.0	.5	.2	.1									463	463	813	45
62/ 61		.3	.9	2.7	1.7	.5	.3	.1	.0									480	480	984	121
60/ 59		.4	1.4	1.7	.9	.5	.3	.1										381	381	893	336
58/ 57		.3	1.6	1.3	.5	.4	.1	.0										307	307	882	495
56/ 55		.3	.9	.5	.3	.3	.0											165	165	758	767
54/ 53		.0	.3	.2	.1	.1	.1											58	58	541	1035
52/ 51			.1	.1	.2	.0												30	30	297	1173
50/ 49			.0	.1	.1													17	17	163	902
48/ 47			.0	.1														7	7	91	635
46/ 45			.0	.0														2	2	49	512
44/ 43				.0														1	1	36	307
42/ 41																				14	229
40/ 39																				2	181
38/ 37																					109

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
36/ 35																					121
34/ 33																					69
32/ 31																					38
30/ 29																					22
28/ 27																					22
26/ 25																					8
24/ 23																					1
TOTAL		1.7	7.0	10.6	12.6	11.4	10.3	9.0	8.3	7.7	6.0	4.9	3.7	3.2	2.0	1.2	.4		7200		7200
																		7200		7200	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19342416	351104	48.8	17.565	7200							
Dry Bulb	39119520	524756	72.9	11.017	7200			477.3	343.8	208.5	55.2	720
Wet Bulb	26187143	432263	60.0	5.720	7200			97.4	4.6			720
Dew Point	18649043	363439	50.5	6.493	7200		9.1	3.7	.2			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
76/ 75										.1								1	1		
74/ 73							.1											1	1		
72/ 71						.1	.2	.1	.1									5	5		
70/ 69					.1	.1	.4	.1										7	7		
68/ 67				.1	.8	.9		.1										17	17		
66/ 65			.2	.8	1.5	1.0	.2	.1										35	35		
64/ 63		.4	1.0	1.6	1.6	1.0	.9											60	60	1	
62/ 61		.6	1.6	3.1	1.4	1.0	.3											75	75	12	1
60/ 59		1.3	3.4	2.9	1.9	1.8	.4	.1										111	111	40	10
58/ 57	.3	1.4	3.8	3.8	2.7	1.1	.5	.2	.1									129	129	80	18
56/ 55	.2	.8	4.6	3.4	1.8	.3	.3											107	107	109	42
54/ 53		3.8	3.9	3.3	1.5	.4	.1	.1										122	122	94	60
52/ 51	.1	4.3	5.3	1.2	.8	.2	.3											113	113	162	105
50/ 49	.1	3.4	1.5	.9	.4	.3												62	62	169	123
48/ 47	.1	2.8	.4	1.1	.5													46	46	124	138
46/ 45	.1	.3	.8	.8	.2													20	20	54	125
44/ 43			.9	.2														10	10	24	84
42/ 41		.1	.4	.2														7	7	33	75
40/ 39			.1															1	1	21	38
38/ 37			.1															1	1	5	29
36/ 35																				1	25
34/ 33																				1	23
32/ 31																					11
30/ 29																					12
28/ 27																					7
26/ 25																					2
24/ 23																					2
TOTAL	1.0	19.2	28.0	23.3	15.3	8.2	3.9	.9	.2	.1									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4877025	65959	70.9	14.635	930							
Dry Bulb	2954403	52147	56.1	5.722	930			3.1	.2			93
Wet Bulb	2441754	47434	51.0	4.912	930							93
Dew Point	2023561	42967	46.2	6.433	930		3.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 68-70,73-79 YEARS | OCT 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
72/ 71							.1											1			
70/ 69						.3	.1	.1										5	5		
68/ 67						.2												2	2		
66/ 65				.2	.4	.1	.1											8	8		
64/ 63			.5	1.4	1.1	.3	.1											32	32		
62/ 61		.8	.5	1.4	1.1	.2												37	37	6	
60/ 59		1.1	3.4	1.8	1.0	1.0	.6											83	83	16	3
58/ 57	.2	1.3	4.3	1.3	2.3	1.0	.4											100	100	49	16
56/ 55	.8	2.8	5.1	2.6	2.9	.3	.8	.2										143	143	99	28
54/ 53	.1	2.6	2.6	2.5	1.5	.1	.2											89	89	76	58
52/ 51	.3	4.3	5.2	2.3	.6	.2	.1											121	121	107	92
50/ 49	.4	6.8	3.3	.9	.5	.4												115	115	140	103
48/ 47	.4	8.2	1.1	1.3	.4	.1												107	107	187	111
46/ 45	.1	1.4	1.5	1.0	.6													43	43	121	127
44/ 43		.8	.6	1.1														23	23	32	119
42/ 41		.5	.2	.1														8	8	43	78
40/ 39		.2	.5															7	7	29	54
38/ 37		.3	.2															5	5	19	44
36/ 35			.1															1	1	3	19
34/ 33																				3	21
32/ 31																					22
30/ 29																					22
28/ 27																					6
26/ 25																					5
24/ 23																					2
TOTAL	2.4	31.0	29.2	17.7	12.5	4.3	2.6	.3											930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5419132	69690	74.9	14.558	930							
Dry Bulb	2673252	49588	53.3	5.606	930			.8				93
Wet Bulb	2275109	45757	49.2	5.063	930							93
Dew Point	1930722	41926	45.1	6.613	930		5.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
74/ 73								.1										1	1		
72/ 71						.1				.1								2	2		
70/ 69					.2		.3											5	5		
68/ 67				.4	.4	.3		.1										12	12		
66/ 65			.2	.5	.4	.5	.3	.2										21	21		
64/ 63		.1	.4	1.5	1.0	.2	1.0	.2										41	41	1	
62/ 61		.4	1.2	2.3	1.7	1.3	.4											68	68	10	
60/ 59	.1	1.0	2.7	1.7	.9	.6	.2	.1										68	68	29	6
58/ 57	.1	1.8	3.8	1.6	2.2	.8	.3	.3										101	101	49	17
56/ 55	.2	3.2	3.5	2.6	1.5	.4	.1	.1										109	109	91	31
54/ 53	.2	4.1	4.4	3.5	1.8	.6	.4											141	141	108	73
52/ 51	.3	3.7	3.0	1.5	.8	.1	.2											89	89	126	93
50/ 49	.6	4.9	3.0	1.0	.5	.2												96	96	147	118
48/ 47	.6	5.6	1.5	.6	.8													85	85	125	112
46/ 45		2.6	1.2	.3	.1													39	39	113	103
44/ 43	.2	1.5	.4	.9														28	28	55	108
42/ 41		.2	.6	.3														11	11	30	80
40/ 39		.5	.4															9	9	19	56
38/ 37		.2	.1															-	3	21	36
36/ 35			.1															1	1	5	35
34/ 33																					13
32/ 31																				1	16
30/ 29																					17
28/ 27																					13
26/ 25																					3
TOTAL	2.5	29.9	26.7	18.8	12.3	5.3	3.3	1.2		.1									930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5342521	69019	74.2	15.401	930							
Dry Bulb	2758338	50326	54.1	6.138	930			2.0	.1			93
Wet Bulb	2327365	46271	49.8	5.209	930		.1					93
Dew Point	1965271	42301	45.5	6.660	930		4.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

 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
86/ 85										.1	.2	.2						5	5		
84/ 83										.1	.2	.1	.1					5	5		
82/ 81									.6	.6	.6							18	18		
80/ 79							.1	.1	.5	.4	.6							17	17		
78/ 77							.1	1.1	.9	1.1	.4							33	33		
76/ 75						.2	1.1	1.3	.9	1.1	.1	.1						44	44		
74/ 73					.1	1.0	1.6	1.3	1.3	.6	.4							59	59		
72/ 71					.9	1.4	2.0	1.3	1.2	.5	.3							71	71		
70/ 69				.4	.9	3.6	1.9	1.2	1.0	.4	.1							88	88	1	
68/ 67				.1	1.7	2.2	2.7	1.5	.5	.5								86	86	2	
66/ 65		.1	.4	1.2	3.2	2.6	1.0	1.1	.4	.3								96	96	22	
64/ 63		.1	.2	1.6	3.4	2.9	.4	1.0	.2									92	92	59	
62/ 61		.2	1.2	2.3	3.0	1.5	.6	.3	.3									88	88	93	3
60/ 59		.3	1.4	2.6	2.0	.9	.4	.4										75	75	112	20
58/ 57	.1	.8	2.7	1.6	1.3	.4	.4											68	68	154	26
56/ 55		1.6	1.6	.6	.4	.5	.2											47	47	158	62
54/ 53	.1	.9	.5	.4		.5												23	23	140	136
52/ 51	.1	.2	.4			.1												8	8	88	120
50/ 49	.1	.1	.1		.2													5	5	53	122
48/ 47			.1															1	1	27	117
46/ 45																				13	89
44/ 43																				6	64
42/ 41																				1	45
40/ 39																					31
38/ 37																					21
36/ 35																					20
34/ 33																					18
32/ 31																					23
30/ 29																					9
28/ 27																					2
26/ 25																					1
TOTAL	.4	4.3	8.7	10.9	17.2	17.8	12.7	10.5	7.9	5.9	3.1	.4	.1						929		929
																		929		929	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3003012	50546	54.4	16.507	929							
Dry Bulb	4101691	61363	66.1	7.229	929			42.6	18.1	3.9		93
Wet Bulb	2956313	52233	56.2	4.586	929			.3				93
Dew Point	2168336	44460	47.9	6.612	929		3.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
94/ 93														.5	.2			7	7		
92/ 91													.2	.2	.3			7	7		
90/ 89										.1	.1	.5	.3	.2	.2			14	14		
88/ 87											.5	.5	1.1	.2				22	22		
86/ 85										.8	2.0	1.2	1.2	.2				50	50		
84/ 83									.2	1.6	1.6	1.6	.9					55	55		
82/ 81								.2	1.1	1.1	1.5	1.0	.1	.2				48	48		
80/ 79							.3	1.2	2.0	1.7	1.6	.8	.4	.2				77	77		
78/ 77							.8	1.7	2.8	1.7	1.3	.8	.4					88	88		
76/ 75						.1	.6	3.4	1.7	1.0	.9	1.0	.2					83	83		
74/ 73				.1	.1	.6	2.2	2.5	1.5	.8	.6	.8						85	85		
72/ 71				.1	.3	.8	2.2	2.5	1.1	.8	.9							79	79	2	
70/ 69				.1	.2	1.4	2.8	1.7	.6	.5	.1							70	70		
68/ 67			.1	.3	1.0	1.6	2.3	1.1	.3	.5								67	67	50	
66/ 65		.2	.2	.2	2.4	1.0	1.3	.6	.9	.1								64	64	77	
64/ 63			.1	.4	.9	2.0	1.1		.4									46	46	116	4
62/ 61		.1	.1	.2	1.3	.9	.4	.3										31	31	153	5
60/ 59	.1	.2	.3	.4	.3			.1										14	14	147	19
58/ 57		1.2	.2	.5														18	18	131	30
56/ 55		.2		.1														3	3	96	59
54/ 53		.1	.1															2	2	90	116
52/ 51																				49	125
50/ 49																				13	110
48/ 47																				6	105
46/ 45																					102
44/ 43																					78
42/ 41																					45
40/ 39																					30
38/ 37																					20
36/ 35																					12
34/ 33																					17
32/ 31																					28
30/ 29																					16
28/ 27																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
26/ 25																					1
TOTAL	.1	2.0	1.2	2.6	6.5	8.4	13.9	15.4	12.7	10.6	11.2	8.1	4.8	1.8	.8				930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1792633	38445	41.3	14.796	930							
Dry Bulb	5163568	68902	74.1	7.952	930			75.2	53.6	24.4	.7	93
Wet Bulb	3293770	55186	59.3	4.528	930			5.2				93
Dew Point	2146883	44201	47.5	7.044	930		5.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

 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
96/ 95															.2	.1		3	3		
94/ 93														.2	.5	.2		9	9		
92/ 91												.1	.1	.8	.2	.1		12	12		
90/ 89											.1	1.3	.6	.4	.1			24	24		
88/ 87										.1	.6	.9	1.4	1.0				37	37		
86/ 85									.1	.6	1.8	.6	2.0	.1				50	50		
84/ 83									.4	1.2	1.7	1.0	1.5	.2				56	56		
82/ 81							.1	.5	1.2	1.9	1.4	1.5	.2	.2	.1			67	67		
80/ 79							.1	1.0	1.6	1.8	1.7	.6	.2	.3				69	69		
78/ 77						.1	.1	1.5	2.8	1.7	.6	.6	.9	.1				79	79		
76/ 75			.1		.1	.2	.4	3.3	2.5	1.2	.5	.9	.5					91	91		
74/ 73						.3	1.1	3.2	2.2	.5	1.3	.9						88	88		
72/ 71					.1	.4	1.6	1.5	1.4	.4	.2	.1						54	54	1	
70/ 69				.2	.2	1.5	2.2	1.7	.3	.8	.2							66	66	10	1
68/ 67			.1	.6	1.1	.8	1.5	1.6	.6	.3								62	62	49	
66/ 65		.1		.4	.9	1.0	1.3	.8	.5	.2								48	48	83	
64/ 63		.1	.2	.2	.3	1.4	1.4	.6	.3	.1								44	44	120	2
62/ 61		.2	.2	.4	.9	.5	.5	.1	.2									29	29	149	6
60/ 59		.1	.3	.5	.4			.1										14	14	163	13
58/ 57		1.2	.2	.2	.3	.1												19	19	95	30
56/ 55		.5	.3	.1														9	9	85	67
54/ 53																				100	97
52/ 51																				47	102
50/ 49																				18	134
48/ 47																				10	85
46/ 45																					100
44/ 43																					96
42/ 41																					46
40/ 39																					35
38/ 37																					21
36/ 35																					22
34/ 33																					16
32/ 31																					17
30/ 29																					14

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
28/ 27																					17
26/ 25																					5
24/ 23																					1
22/ 21																					3
TOTAL		2.3	1.5	2.8	4.3	6.3	10.3	16.0	14.2	11.0	10.3	8.5	7.5	3.3	1.2	.4		930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1670105	36775	39.5	15.245	930							
Dry Bulb	5297536	69746	75.0	8.485	930			76.7	58.5	29.7	1.2	93
Wet Bulb	3308062	55288	59.4	4.779	930			6.0				93
Dew Point	2101739	43663	46.9	7.466	930		5.7	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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	29 - 30	≥ 31				
88/ 87													.1					1	1		
86/ 85												.2	.1					3	3		
84/ 83										.4	.1							5	5		
82/ 81								.1	.5	.5	.3							14	14		
80/ 79								.4	.4	.5	.2	.1						16	16		
78/ 77						.1	.9	.8	1.3	1.3	.1							41	41		
76/ 75					.2	.1	.8	1.1	1.2	1.0	.1							41	41		
74/ 73					.3	.6	1.8	1.7	2.0	.1		.1						63	63		
72/ 71				.3	.8	1.0	2.4	1.8	1.0	.4	.1	.1						73	73		
70/ 69				.2	1.0	2.6	1.7	1.5	.2	.5		.1						73	73		
68/ 67			.4	.6	1.7	3.2	2.4	1.3	.5	.4	.1	.1						101	101	6	
66/ 65			.2	1.3	2.9	2.2	1.5	1.0	.9	.1								93	93	30	
64/ 63			.5	1.5	3.7	1.8	1.0	1.0	.1	.1								90	90	55	2
62/ 61			.4	2.0	2.7	1.6	.9	.6	.1									78	78	95	9
60/ 59		.3	.9	3.1	1.3	1.3	1.0	.3	.1									77	77	131	19
58/ 57		1.5	2.0	1.6	1.6	1.0	.6	.1										79	79	134	41
56/ 55		1.0	1.3	1.1	.5	.2	.4											42	42	142	54
54/ 53	.1	1.0	.5	.3	.6	.2												26	26	119	104
52/ 51		.4	.5	.2														11	11	93	131
50/ 49	.1	.1		.1														3	3	73	126
48/ 47																				30	106
46/ 45																				16	99
44/ 43																				6	69
42/ 41																					34
40/ 39																					41
38/ 37																					26
36/ 35																					20
34/ 33																					10
32/ 31																					24
30/ 29																					6
28/ 27																					3
26/ 25																					2
22/ 21																					1
20/ 19																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
TOTAL	.2	4.3	6.9	12.5	17.3	15.9	15.3	11.7	8.4	5.5	1.1	.8	.2					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2980497	50505	54.3	15.997	930							
Dry Bulb	4095501	61353	66.0	7.187	930			43.1	18.4	3.0		93
Wet Bulb	2957044	52246	56.2	4.860	930			.6				93
Dew Point	2171789	44475	47.8	6.951	930		3.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) | CASTLE AFB CA (STATION NAME) | 68-70,73-79 (YEARS) | OCT (MONTH)

 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
76/ 75						.1	.1	.1	.2									5	5		
74/ 73							.5	.3	.1									9	9		
72/ 71					.1	.5	1.4	.4	.1									24	24		
70/ 69				.2	.3	1.5	.9	.5	.1									33	33		
68/ 67			.1	.3	1.5	1.9	1.1	.4	.1									51	51		
66/ 65			1.2	.9	3.0	.9	2.5	.2										80	80	1	
64/ 63		.1	1.4	2.3	1.7	3.0	.9	.2	.2	.1								92	92	8	
62/ 61		.2	1.1	3.3	2.4	1.7	.8	.1	.2	.1								92	92	37	2
60/ 59		1.0	2.4	4.7	2.7	1.5	1.0	.6										129	129	84	16
58/ 57	.2	.4	3.5	3.7	1.8	.6	.9											104	104	99	26
56/ 55	.4	2.3	4.4	2.8	1.3	.5	.6											115	115	119	37
54/ 53		3.0	3.2	2.0	.6	.4	.6											93	93	164	83
52/ 51	.4	1.3	2.6	1.0	.9	.2												59	59	161	130
50/ 49	.3	.5	.5	.4	.2													19	19	114	142
48/ 47		.9	.4	.6	.1													19	19	54	121
46/ 45			.2	.3	.1													6	6	44	105
44/ 43																				32	88
42/ 41																				9	47
40/ 39																				4	38
38/ 37																					24
36/ 35																					18
34/ 33																					18
32/ 31																					8
30/ 29																					16
28/ 27																					5
26/ 25																					3
22/ 21																					3
TOTAL	1.4	9.7	21.1	22.6	16.8	13.0	11.2	3.0	1.1	.2									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4161073	60509	65.1	15.533	930							
Dry Bulb	3333487	55405	59.6	5.935	930			12.2	1.4			93
Wet Bulb	2637463	49333	53.0	4.701	930							93
Dew Point	2097977	43745	47.0	6.588	930		3.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°F)																	TOTAL D.B./W.B.	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
96/ 95															.0	.0		3	3		
94/ 93														.1	.1	.0		16	16		
92/ 91												.0	.0	.1	.1	.0		19	19		
90/ 89										.0	.0	.2	.1	.1	.0			38	38		
88/ 87										.0	.1	.2	.3	.1				60	60		
86/ 85									.0	.2	.5	.3	.4	.0				108	108		
84/ 83									.1	.4	.5	.3	.3	.0				121	121		
82/ 81							.0	.1	.4	.5	.5	.3	.0	.1	.0			147	147		
80/ 79							.1	.3	.6	.6	.5	.2	.1	.1				179	179		
78/ 77						.0	.2	.6	1.0	.7	.3	.2	.2	.0				241	241		
76/ 75			.0		.0	.1	.4	1.2	.8	.5	.2	.2	.1					265	265		
74/ 73				.0	.1	.3	.9	1.1	.9	.3	.3	.2						306	306		
72/ 71				.1	.3	.5	1.2	1.0	.6	.3	.2	.0						309	309	3	
70/ 69				.1	.4	1.4	1.3	.9	.3	.3	.1	.0						347	347	11	1
68/ 67			.1	.3	1.0	1.4	1.2	.8	.3	.2	.0	.0						398	398	107	
66/ 65		.1	.3	.7	1.8	1.1	1.0	.5	.3	.1								445	445	213	
64/ 63		.1	.6	1.3	1.7	1.6	.8	.4	.2	.0								497	497	360	8
62/ 61		.3	.8	1.9	1.8	1.1	.5	.2	.1	.0								498	498	555	26
60/ 59	.0	.7	1.9	2.2	1.3	.9	.5	.2	.0									571	571	722	106
58/ 57	.1	1.2	2.6	1.8	1.5	.6	.4	.1	.0									618	618	791	204
56/ 55	.2	1.5	2.6	1.7	1.1	.3	.3	.0										575	575	899	380
54/ 53	.1	1.9	1.9	1.5	.8	.3	.2	.0										496	496	891	727
52/ 51	.2	1.8	2.1	.8	.4	.1	.1											401	401	833	898
50/ 49	.2	2.0	1.1	.4	.2	.1												300	300	727	978
48/ 47	.1	2.2	.4	.5	.2	.0												258	258	563	895
46/ 45	.0	.5	.5	.3	.1													108	108	361	850
44/ 43	.0	.3	.2	.3														61	61	155	706
42/ 41		.1	.2	.1														26	26	116	430
40/ 39		.1	.1															17	17	73	323
38/ 37		.1	.1															9	9	45	221
36/ 35			.0															2	2	9	171
34/ 33																				4	136
32/ 31																				1	149
30/ 29																					112

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5	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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					61
26/ 25																					22
24/ 23																					5
22/ 21																					7
20/ 19																					3
TOTAL	1.0	12.8	15.4	13.9	12.8	9.9	9.1	7.4	5.6	4.2	3.2	2.2	1.6	.6	.2	.1			7439		7439
																		7439		7439	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	29245998	441448	59.3	20.248	7439							
Dry Bulb	30377776	468830	63.0	10.567	7439			255.7	150.3	61.0	1.9	744
Wet Bulb	22196880	403748	54.3	6.175	7439		.1	12.1				744
Dew Point	16606278	347738	46.7	6.871	7439		35.9	.1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

0000-0200 (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				
70/ 69										.1								1	1		
68/ 67					.1													1	1		
66/ 65			.1	.1														2	2		
64/ 63			.2	.2	.2		.1											7	7		
62/ 61			.2	.1	.2													5	5	3	
60/ 59		.1	.6	.2	.1	.1												10	10	2	1
58/ 57		1.0	.9	.3		.3												23	23	6	1
56/ 55		3.0	1.2	.3	.4	.1												46	46	21	12
54/ 53	.2	3.4	3.6	1.0	.4			.1										79	79	51	23
52/ 51	.7	4.2	3.8	1.6			.2											94	94	62	55
50/ 49	.8	6.2	2.8	1.7														103	103	74	62
48/ 47	.4	7.7	2.4	2.1	.2	.2	.1											119	119	122	65
46/ 45	.3	6.2	5.4	.3	.1													112	112	111	112
44/ 43	.2	6.2	4.6	.3	.1													103	103	108	75
42/ 41	.8	3.9	2.0	.2														62	62	122	89
40/ 39	.7	3.1	.6															39	39	86	100
38/ 37	2.0	3.6	.4															54	54	61	112
36/ 35	.3	.9	.3		.1													15	15	32	95
34/ 33	.3	.7	.8		.2													18	18	18	38
32/ 31		.8																7	7	11	18
30/ 29																				7	13
28/ 27																				3	9
26/ 25																					11
24/ 23																					1
22/ 21																					1
20/ 19																					4
14/ 13																					3
TOTAL	6.8	51.0	29.9	8.6	2.3	.8	.4	.1		.1									900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6196625	73925	82.1	11.768	900							
Dry Bulb	2030985	42385	47.1	6.229	900		.7	.2				90
Wet Bulb	1813578	40064	44.5	5.787	900		2.1					90
Dew Point	1604532	37510	41.7	6.770	900		6.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
68/ 67				.2														2	2		
66/ 65			.1															1	1		
64/ 63				.1														1	1		
62/ 61			.3															3	3	3	
60/ 59		.1	.9	.1		.1	.1											12	12		1
58/ 57		.6	.6	.2	.2													14	14	9	2
56/ 55		3.1	.7	.1	.1													36	36	18	8
54/ 53	.8	3.2	2.3	.8	.2													66	66	40	31
52/ 51	.7	3.4	1.6	.7	.1													58	58	48	40
50/ 49	.8	3.4	2.9	.3			.4											71	71	63	59
48/ 47	.9	8.4	2.2	1.8		.1	.1											122	122	71	44
46/ 45	.8	7.9	3.3	.9	.2													118	118	130	81
44/ 43	.9	5.9	4.6	.2														104	104	100	103
42/ 41	1.3	4.4	3.1	.2														82	82	97	80
40/ 39	1.7	4.1	1.3	.1														65	65	107	85
38/ 37	1.2	4.7	.2	.1														56	56	83	86
36/ 35	2.1	2.2	.2	.1														42	42	63	122
34/ 33	.9	1.9	.6	.2														32	32	31	69
32/ 31		.9	.2															10	10	18	40
30/ 29		.6																5	5	13	11
28/ 27																				6	10
26/ 25																					12
24/ 23																					8
20/ 19																					3
18/ 17																					2
16/ 15																					1
14/ 13																					2
TOTAL	12.0	54.9	25.1	6.2	.9	.2	.7												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6482800	75702	84.1	11.323	900							
Dry Bulb	1883881	40763	45.3	6.470	900		1.5	.2				90
Wet Bulb	1707816	38806	43.1	6.203	900		3.7					90
Dew Point	1527806	36520	40.6	7.146	900		8.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
68/ 67				.1	.1	.1												3	3		
64/ 63			.1	.1														2	2		
62/ 61			.1	.1														2	2	2	
60/ 59			.2	.3														5	5	2	
58/ 57		.6	.7	.2	.1													14	14	3	1
56/ 55		2.6	.9	.3	.4													38	38	16	4
54/ 53	.6	4.0	2.3	.7	.2													70	70	39	35
52/ 51	.4	3.1	2.3	1.1	.4													67	67	54	31
50/ 49	.2	5.7	2.2	.7	.1	.1												81	81	58	51
48/ 47	.8	7.4	3.1	.6	.1	.2	.1											113	113	92	68
46/ 45	.9	6.2	2.4	.7	.1	.1												94	94	116	80
44/ 43	.9	5.4	3.8	.2	.1													94	94	96	83
42/ 41	1.8	3.9	3.2	.2														82	82	91	106
40/ 39	1.2	5.1	2.1															76	76	93	70
38/ 37	1.3	4.0	.3															51	51	91	84
36/ 35	1.1	3.4	.4	.2														47	47	55	91
34/ 33	1.4	2.0	.2	.1														34	34	49	90
32/ 31	.8	1.1	.4															21	21	22	49
30/ 29		.4	.1															5	5	15	18
28/ 27		.1																1	1	6	13
26/ 25																					11
24/ 23																					5
22/ 21																					4
20/ 19																					1
18/ 17																					4
16/ 15																					1
TOTAL	11.4	55.1	25.1	5.9	1.8	.6	.1											900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6469575	75661	84.1	11.007	900							
Dry Bulb	1870675	40587	45.1	6.698	900		2.7	.3				90
Wet Bulb	1694628	38636	42.9	6.330	900		4.3					90
Dew Point	1513582	36350	40.4	7.110	900		10.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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
72/ 71						.1	.1	.1	.1									4	4		
70/ 69					.1	.1	.1	.2										5	5		
68/ 67					.3	.1	.6	.4										13	13		
66/ 65			.1	.6	.3	.1	1.1	.1	.1									22	22		
64/ 63			.1	.8	.7	1.0	.7											29	29		
62/ 61			.3	1.8	1.1	1.2	.3	.1										44	44	6	
60/ 59		.1	2.2	1.8	1.2	1.7	.2	.2										67	67	10	1
58/ 57		1.8	3.4	2.4	2.8	.8	.1	.1										103	103	31	4
56/ 55	.1	3.1	3.3	3.2	1.8	.3	.1											108	108	75	23
54/ 53		3.6	4.7	2.8	1.0		.1	.1										110	110	109	45
52/ 51	.1	4.1	4.7	2.1	.7		.1											106	106	136	84
50/ 49	.8	2.4	2.8	1.1	.8	.1	.1											73	73	146	88
48/ 47	.6	3.7	2.6	1.0	.2		.1											73	73	114	105
46/ 45	.8	1.8	2.0	.4	.1	.2												48	48	88	113
44/ 43	.3	2.2	1.4	.3		.1												40	40	63	101
42/ 41	.8	.7	1.1	.2	.1													26	26	54	121
40/ 39	.6	.6	.6	.1	.1													17	17	34	77
38/ 37	.4	.4	.1															9	9	17	53
36/ 35	.2	.1																3	3	13	31
34/ 33																				3	18
32/ 31																				1	12
30/ 29																					7
28/ 27																					6
26/ 25																					2
22/ 21																					1
20/ 19																					4
18/ 17																					3
16/ 15																					1
TOTAL	4.7	24.6	29.4	18.7	11.3	5.9	3.8	1.4	.2									900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5061935	66023	73.4	15.592	900							
Dry Bulb	2595602	47958	53.3	6.677	900			2.2				90
Wet Bulb	2168930	43922	48.8	5.319	900		.1					90
Dew Point	1805652	39898	44.3	6.409	900		3.6					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	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/ 79											.4							4	4		
78/ 77										.3	.2	.1						6	6		
76/ 75							.1		.7	.8	.3							17	17		
74/ 73						.1	.4	.3	.9	.6								21	21		
72/ 71						.8	.3	1.1	.4	.1	.1							26	26		
70/ 69				.1	.3	1.0	.8	1.0	.6	.4	.2							40	40		
68/ 67				.6	1.2	.8	1.1	1.9	.4									54	54		
66/ 65			.1	.6	2.7	1.3	1.8	1.1	.1									69	69		
64/ 63			.1	.9	3.1	3.0	1.0			.2								75	75	7	
62/ 61		.1	1.2	2.2	4.0	2.3	1.1	.1	.1									101	101	25	
60/ 59		.3	2.1	3.3	3.9	2.1	.8	.1	.2									116	116	53	3
58/ 57		.7	2.7	2.7	2.9	1.9	.4	.1										102	102	96	11
56/ 55		1.4	2.2	4.0	2.2	1.4	.1											103	103	126	34
54/ 53		1.0	3.0	2.0	1.3	.9		.4										78	78	171	55
52/ 51		.6	1.7	.8	1.0	.2	.2	.2										42	42	138	70
50/ 49		.6	1.1	.2	.8	.3	.2											29	29	114	113
48/ 47		.4	.8															11	11	80	103
46/ 45		.3																3	3	41	128
44/ 43																				26	109
42/ 41		.1	.2															3	3	10	93
40/ 39																				8	61
38/ 37																				5	34
36/ 35																					26
34/ 33																					24
32/ 31																					11
30/ 29																					4
28/ 27																					4
26/ 25																					5
24/ 23																					2
22/ 21																					1
20/ 19																					5
18/ 17																					2
16/ 15																					1
14/ 13																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
TOTAL		5.6	15.2	17.3	23.4	16.2	8.4	6.4	3.4	2.4	1.3	.1						900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3345168	53012	58.9	15.737	900							
Dry Bulb	3332733	54439	60.5	6.657	900			16.8	4.8	.2		90
Wet Bulb	2504077	47283	52.5	4.715	900							90
Dew Point	1864724	40518	45.0	6.721	900		3.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASILE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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/ 81												.3						3	3		
80/ 79											.7	.1						7	7		
78/ 77										.7	.2							8	8		
76/ 75							.2	.2	.8	.3	.4							18	18		
74/ 73								.7	.3	.4	.3							16	16		
72/ 71					.2	.7	.6	.9	.9	.1								30	30		
70/ 69				.2	.2	.9	.8	.8	1.1	.2	.3							41	41		
68/ 67				.9	1.7	.4	2.1	.6	.3									54	54		
66/ 65			.2	.6	1.9	3.0	1.2	1.4	.2									77	77		
64/ 63			.3	.7	3.0	2.9	1.6	.2										78	78	7	
62/ 61			.8	2.4	3.6	2.4	1.4	.1	.2									99	99	30	1
60/ 59		.2	1.8	3.4	2.6	2.7	.8	.7										109	109	64	1
58/ 57		.3	3.1	2.2	3.6	1.8	.1	.3	.1									104	104	83	19
56/ 55		.6	2.2	2.3	1.9	1.7	.3	.1										82	82	132	23
54/ 53	.3	1.0	2.6	2.9	1.6	1.0	.3	.3										90	90	155	42
52/ 51		.1	1.3	1.3	.8	.1	.3		.2									38	38	136	80
50/ 49		.4	1.7	.7	.2	.2												29	29	108	110
48/ 47		.4	.8	.1														12	12	82	103
46/ 45			.2	.1			.1											4	4	64	118
44/ 43			.1															1	1	17	107
42/ 41																				14	92
40/ 39																				5	67
38/ 37																				1	48
36/ 35																				1	34
34/ 33																				1	17
32/ 31																					5
30/ 29																					12
28/ 27																					6
26/ 25																					3
24/ 23																					1
22/ 21																					4
20/ 19																					4
12/ 11																					1
10/ 9																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

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
8/ 7																					1
TOTAL	.3	3.1	15.1	17.9	21.1	17.8	9.9	6.3	4.2	1.8	2.0	.4							900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3210025	51875	57.6	15.644	900							
Dry Bulb	3367347	54707	60.8	6.831	900			17.7	5.2	.4		90
Wet Bulb	2503725	47271	52.5	4.821	900							90
Dew Point	1839980	40222	44.7	6.869	900		3.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
70/ 69						.1		.1										2	2		
68/ 67				.1	.2		.7	.1	.1									11	11		
66/ 65			.3	.4	.3	1.2	.7											27	27		
64/ 63			.6	.3	.7	.7	.7											26	26		
62/ 61		.2	1.1	1.0	1.0	.4	.8	.3										44	44	7	
60/ 59		.7	2.1	2.7	1.1	2.0	.2	.3										82	82	18	3
58/ 57		2.2	3.7	1.8	2.8	.8		.1										102	102	25	16
56/ 55	.2	2.2	6.0	1.7	1.7	.3	.3											112	112	84	25
54/ 53	.1	2.3	6.2	3.2	.9	.1	.1											117	117	109	40
52/ 51		3.1	5.8	2.1	.4	.2	.1											106	106	118	65
50/ 49		2.3	4.6	2.4	.8		.3											94	94	147	111
48/ 47	.3	3.0	2.7	1.9	.1	.2												74	74	125	105
46/ 45	.1	2.3	2.7	.6	.2													53	53	93	89
44/ 43	.1	1.6	1.4	.3	.1													32	32	77	114
42/ 41		.6	.6	.1		.1												12	12	55	102
40/ 39			.1	.1		.1												3	3	24	82
38/ 37		.1	.1		.1													3	3	10	69
36/ 35																				4	27
34/ 33																				1	19
32/ 31																				1	6
30/ 29																				2	13
28/ 27																					3
26/ 25																					1
24/ 23																					3
22/ 21																					3
20/ 19																					1
12/ 11																					3
TOTAL	.9	20.7	37.9	18.8	10.4	6.3	3.9	1.0	.1										900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4843946	64808	72.0	14.032	900							
Dry Bulb	2633004	48388	53.8	5.915	900			1.3				90
Wet Bulb	2193366	44192	49.1	5.106	900		.3					90
Dew Point	1815467	39983	44.4	6.603	900		3.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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
68/ 67					.1													1	1		
66/ 65				.2														2	2		
64/ 63			.3	.2														5	5		
62/ 61		.1	.6	.2	.1	.1	.2											12	12		
60/ 59		.8	.9	.3	.4	.2	.1											25	25	10	
58/ 57		1.1	1.0	.9	.8	.2		.1										37	37	15	10
56/ 55		3.7	3.2	1.9	2.1			.1										99	99	27	19
54/ 53	.2	4.9	5.1	1.3	1.6			.1										119	119	58	34
52/ 51	.3	4.3	4.9	2.2	.8	.1												114	114	99	50
50/ 49	.1	6.1	3.2	1.3	.3													100	100	116	84
48/ 47	.7	5.4	4.7	1.4	.1	.1	.1											113	113	128	86
46/ 45		5.7	3.9	.3	.1													90	90	125	87
44/ 43		4.4	2.9	.3														69	69	104	104
42/ 41	.4	2.6	1.2															38	38	95	111
40/ 39	.8	2.4	1.2	.1	.1	.1												43	43	55	111
38/ 37	.4	1.2	.6															20	20	31	87
36/ 35	.1	.1	.3															5	5	21	49
34/ 33	.1	.1	.4		.1													7	7	6	27
32/ 31		.1																1	1	4	12
30/ 29																				5	9
28/ 27																					5
26/ 25																				1	6
24/ 23																					3
22/ 21																					2
20/ 19																					1
18/ 17																					1
12/ 11																					2
TOTAL	3.2	43.1	34.4	10.9	6.7	.9	.4	.3											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5812405	71489	79.4	12.203	900							
Dry Bulb	2230280	44486	49.4	5.909	900		.1	.1				90
Wet Bulb	1959704	41708	46.3	5.466	900		1.0					90
Dew Point	1706650	38742	43.3	6.581	900		4.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
82/ 81												.0						3	3		
80/ 79											.1	.0						11	11		
78/ 77										.1	.1	.0						14	14		
76/ 75							.0	.0	.2	.1	.1							35	35		
74/ 73						.0	.1	.1	.2	.1	.0							37	37		
72/ 71					.0	.2	.1	.3	.2	.0	.0							60	60		
70/ 69				.0	.1	.3	.2	.3	.2	.1	.1							89	89		
68/ 67				.2	.5	.2	.6	.4	.1									139	139		
66/ 65			.1	.3	.7	.7	.6	.3	.1									200	200		
64/ 63			.2	.4	1.0	.9	.5	.0		.0								223	223	14	
62/ 61		.1	.6	1.0	1.3	.8	.5	.1	.0									310	310	76	1
60/ 59		.3	1.3	1.5	1.2	1.1	.3	.2	.0									426	426	159	10
58/ 57		1.0	2.0	1.3	1.6	.7	.1	.1	.0									499	499	268	64
56/ 55	.0	2.5	2.5	1.7	1.3	.5	.1	.0										624	624	499	148
54/ 53	.3	2.9	3.7	1.8	.9	.3	.1	.1										729	729	732	305
52/ 51	.3	2.9	3.3	1.5	.5	.1	.1	.0	.0									625	625	791	475
50/ 49	.3	3.4	2.7	1.1	.4	.1	.1											580	580	826	678
48/ 47	.5	4.6	2.4	1.1	.1	.1	.1											637	637	814	679
46/ 45	.4	3.8	2.5	.4	.1	.0	.0											522	522	768	808
44/ 43	.3	3.2	2.3	.2	.0	.0												443	443	591	796
42/ 41	.6	2.0	1.4	.1	.0	.0												305	305	538	794
40/ 39	.6	1.9	.7	.1	.0	.0												243	243	412	653
38/ 37	.7	1.8	.2	.0	.0													193	193	299	573
36/ 35	.5	.8	.2	.0	.0													112	112	189	475
34/ 33	.3	.6	.3	.0	.0													91	91	109	302
32/ 31	.1	.4	.1															39	39	57	153
30/ 29		.1	.0															10	10	42	87
28/ 27		.0																1	1	15	56
26/ 25																				1	51
24/ 23																					23
22/ 21																					16
20/ 19																					23
18/ 17																					12
16/ 15																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
14/ 13																					6
12/ 11																					6
10/ 9																					1
8/ 7																					1
TOTAL	4.9	32.3	26.5	13.0	9.8	6.1	3.5	2.0	1.0	.5	.4	.1						7200	7200		7200
																		7200		7200	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	41422479	532495	74.0	16.935	7200							
Dry Bulb	19944507	373713	51.9	8.718	7200		5.0	38.8	10.0	.6		720
Wet Bulb	16545824	341882	47.5	6.584	7200		11.5					720
Dew Point	13678393	309743	43.0	7.005	7200		43.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
62/ 61			.3															3	3		
60/ 59																				1	
58/ 57		.4		.6														10	10	2	
56/ 55		.9	.5	.2														15	15	6	7
54/ 53	.1	1.9	.1	.3		.1												24	24	12	7
52/ 51		1.5	.8	1.2	.1	.2												35	35	28	12
50/ 49		1.9	1.6	.5														38	38	18	16
48/ 47	.3	4.0	1.1	.2	.1													53	53	39	38
46/ 45	.4	4.8	1.3	.4														65	65	70	36
44/ 43	1.8	9.1	.4	.4														110	110	97	73
42/ 41	2.2	8.8	1.1															112	112	126	108
40/ 39	3.2	5.1	2.9	.1														105	105	101	113
38/ 37	2.6	7.4	1.6	.2														110	110	95	89
36/ 35	1.3	6.0	2.9	.1														96	96	108	81
34/ 33	1.1	5.4	1.4	.1														74	74	80	74
32/ 31	.6	2.9	.4	.2														39	39	72	112
30/ 29	.3	2.8	.1															30	30	40	41
28/ 27		1.1																10	10	28	43
26/ 25		.1																1	1	7	44
24/ 23																					19
22/ 21																					9
20/ 19																					5
18/ 17																					3
TOTAL	14.0	64.2	16.6	4.7	.2	.3													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6937394	79778	85.8	10.049	930							
Dry Bulb	1594742	38032	40.9	6.516	930		8.0					93
Wet Bulb	1463789	36431	39.2	6.283	930		14.7					93
Dew Point	1308319	34255	36.8	7.082	930		27.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

 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
60/ 59		.1																1	1		
58/ 57		.4																4	4	1	
56/ 55		1.1	.6	.1														17	17	4	4
54/ 53		2.0	.3	.2	.2													26	26	13	9
52/ 51		1.5	.9	.6		.3												31	31	25	14
50/ 49		1.7	.8	.3														26	26	20	19
48/ 47	.8	4.1	.5															50	50	41	31
46/ 45	.1	4.0	1.0	.3														50	50	55	33
44/ 43	2.3	8.4	1.1	.3														112	112	89	73
42/ 41	2.4	7.5	.6															98	98	102	83
40/ 39	4.5	5.8	.5	.1														102	102	130	103
38/ 37	3.7	5.4	1.0	.2														95	95	79	120
36/ 35	2.2	6.2	1.1	.1														89	89	78	72
34/ 33	1.8	6.2	1.8															92	92	85	69
32/ 31	.5	5.1	.3															55	55	78	76
30/ 29	1.0	4.2	.3															51	51	66	62
28/ 27	.3	1.7																19	19	46	49
26/ 25		1.2																11	11	15	59
24/ 23		.1																1	1	3	29
22/ 21																					19
20/ 19																					4
18/ 17																					2
TOTAL	19.5	66.8	10.9	2.4	.2	.3												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7150513	81081	87.2	9.370	930							
Dry Bulb	1515421	36997	39.8	6.852	930		13.7					93
Wet Bulb	1407794	35650	38.3	6.660	930		20.8					93
Dew Point	1268864	33654	36.2	7.411	930		30.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 STATION | CASTLE AFB CA STATION NAME | 68-70,73-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
60/ 59		.1	.3															4	4		
58/ 57		.2		.1														3	3	2	
56/ 55		.9	.1	.1				.2										12	12	4	3
54/ 53		2.2	.2	.5	.1		.1											29	29	9	11
52/ 51		1.6	1.1	.9	.3													36	36	29	12
50/ 49		2.3	.5	.2	.1													29	29	19	22
48/ 47	.1	3.3	.9	.1	.1													42	42	40	26
46/ 45	.4	4.9	.8															57	57	57	43
44/ 43	1.5	6.0	1.4															83	83	71	55
42/ 41	3.1	7.8	1.2															113	113	111	90
40/ 39	3.3	5.6	1.1	.1														94	94	112	85
38/ 37	4.4	5.3	.2															92	92	101	110
36/ 35	3.2	5.4	.8	.1														88	88	82	99
34/ 33	.8	6.0	1.2															74	74	60	71
32/ 31	1.4	7.5	.6															89	89	78	69
30/ 29	.5	3.9	.3															44	44	77	54
28/ 27	.1	3.1																30	30	39	51
26/ 25		1.1																10	10	36	54
24/ 23		.1																1	1	3	41
22/ 21																					23
20/ 19																					11
TOTAL	18.9	67.3	10.6	2.2	.6		.1	.2											930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7130048	80950	87.0	9.504	930							
Dry Bulb	1497707	36731	39.5	7.112	930		17.4					93
Wet Bulb	1387018	35350	38.0	6.830	930		23.3					93
Dew Point	1248490	33338	35.8	7.583	930		30.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
66/ 65				.1														1	1		
64/ 63			.2	.1														3	3		
62/ 61			.1	.1														2	2	1	
60/ 59		.1	.4	.1	.1	.2												9	9	3	
58/ 57		.4	.5	.4		.1		.1										15	15	6	2
56/ 55		1.4	1.5	.8	.6	.1		.2										43	43	8	6
54/ 53	.2	1.4	1.2	1.3	.3													41	41	30	18
52/ 51	.1	1.8	2.0	1.0	1.1	.2												58	58	28	24
50/ 49	.2	4.2	2.5	1.4	.8	.2	.1											87	87	47	25
48/ 47	.3	5.2	3.1	2.0	.4													103	103	91	49
46/ 45	1.1	7.6	3.3	1.0		.1												122	122	108	76
44/ 43	1.1	6.7	2.7	1.1	.1													108	108	135	92
42/ 41	1.7	6.6	3.0	.6	.1													112	112	136	120
40/ 39	3.4	3.3	1.7	.4														83	83	120	114
38/ 37	1.5	3.7	1.4	.3														64	64	81	104
36/ 35	.8	2.3	1.1	.2														40	40	55	89
34/ 33	.2	1.7	.4															22	22	41	70
32/ 31	.4	.5	.1															10	10	25	59
30/ 29	.3	.3																6	6	11	33
28/ 27		.1																1	1	3	24
26/ 25																				1	10
24/ 23																					6
22/ 21																					5
20/ 19																					4
TOTAL	11.4	47.3	25.4	11.0	3.5	1.0	.1	.3										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6391048	76118	81.8	13.164	930							
Dry Bulb	1915133	41795	44.9	6.296	930		1.7					93
Wet Bulb	1704335	39457	42.4	5.711	930		4.0					93
Dew Point	1484417	36641	39.4	6.627	930		14.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.1														1	1		
68/ 67				.2		.1	.1	.1										5	5		
66/ 65			.1	.1		.1	.2	.1										6	6		
64/ 63			.1	.2	.1	1.0	.3											16	16	3	
62/ 61			.6	1.1	.6	.4	.5											31	31	1	
60/ 59		.6	1.0	1.6	1.4	.8	1.2	.2										63	63	3	3
58/ 57		.3	1.0	1.3	2.4	1.4	1.2	.1										71	71	19	5
56/ 55		.5	2.3	2.4	3.0	2.0	.6											101	101	34	9
54/ 53		1.2	2.7	3.8	3.0	1.2	.4	.2										116	116	42	20
52/ 51		2.3	4.2	2.6	1.5	.5	.4											107	107	74	23
50/ 49		3.9	4.8	2.4	1.2	.3												117	117	126	48
48/ 47	.3	5.1	2.2	1.5	.6	.2	.2											94	94	164	71
46/ 45	.9	3.9	2.4	.2	.5	.1												74	74	177	102
44/ 43		2.7	1.7	.6	.2													49	49	103	135
42/ 41	.3	2.4	1.0	.6	.1													41	41	78	111
40/ 39	.2	1.7	.6		.1													25	25	48	103
38/ 37		.8																7	7	37	93
36/ 35		.5																5	5	15	84
34/ 33		.1																1	1	5	45
32/ 31																				1	26
30/ 29																					20
28/ 27																					15
26/ 25																					4
24/ 23																					3
22/ 21																					3
20/ 19																					6
18/ 17																					1
TOTAL	1.7	25.9	24.6	18.7	14.8	8.2	5.3	.8											930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4618583	65201	70.1	16.320	930							
Dry Bulb	2490983	47791	51.4	6.146	930			.6				93
Wet Bulb	2036389	43273	46.5	4.964	930		.1					93
Dew Point	1619071	38329	41.2	6.511	930		7.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

 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
70/ 69							.1											1	1		
68/ 67				.2			.3	.2										7	7		
66/ 65			.1		.1	.1	.3											6	6		
64/ 63			.2	.2	.3	1.0	.2											18	18	1	
62/ 61			.4	.4	.9	.6	1.3	.3										37	37	2	
60/ 59		.3	1.7	.4	1.1	1.8	1.1	.6										66	66	3	3
58/ 57		.9	.5	1.2	1.9	.9	1.3											62	62	18	3
56/ 55		.3	2.5	3.2	2.2	2.3	.6	.2										105	105	34	10
54/ 53		1.7	3.7	4.2	3.1	1.5	.2	.1	.1									136	136	45	23
52/ 51		1.5	5.4	3.0	2.4	.4		.2										120	120	80	12
50/ 49		3.6	4.6	1.8	1.1	.3	.2											108	108	132	54
48/ 47	.1	2.9	3.7	1.9	1.0	.4	.2											95	95	180	62
46/ 45	.1	3.7	1.8	.5	.4													61	61	145	103
44/ 43		2.7	1.8	.8	.2	.3												54	54	124	127
42/ 41		1.6	.8	.5	.1													28	28	67	125
40/ 39		1.0	.1	.2														12	12	47	106
38/ 37		1.2																11	11	32	75
36/ 35		.1																1	1	12	79
34/ 33																				6	40
32/ 31																					43
30/ 29																					26
28/ 27																					7
26/ 25																					14
24/ 23																					4
20/ 19																					3
18/ 17																					6
16/ 15																					3
TOTAL	.2	21.4	27.4	18.8	14.8	9.7	5.9	1.7	.1										928		928
																		928		928	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4524637	63003	67.9	16.333	928							
Dry Bulb	2535928	48200	51.9	5.915	928			.8				93
Wet Bulb	2044093	43321	46.7	4.847	928							93
Dew Point	1591436	37902	40.8	6.844	928		10.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

 1600-2000 (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
64/ 63			.1															1	1		
62/ 61		.2																2	2		
60/ 59		.2	.1	.1	.1													5	5	3	
58/ 57		1.0	1.1	.3				.1										23	23	4	5
56/ 55		.9	1.4	.9	.1	.1	.3											34	34	14	4
54/ 53	.3	1.0	1.0	1.2	1.1	.2	.1											45	45	20	13
52/ 51		2.3	3.3	1.5	.8													73	73	28	15
50/ 49	.1	4.4	3.2	1.8	.6	.2												97	97	53	23
48/ 47	.1	7.6	2.7	2.4	.9	.2												128	128	97	57
46/ 45	.9	7.4	5.2	2.3	.5	.3												154	154	135	90
44/ 43	.2	7.8	3.3	1.6	.2													122	122	129	99
42/ 41	1.0	6.6	3.3	1.0	.2	.1												113	113	157	110
40/ 39	.6	4.3	1.3	.5	.1	.1												65	65	128	120
38/ 37	.2	2.4	1.2	.5														40	40	69	104
36/ 35		.9	.3															11	11	49	88
34/ 33		.5	.2	.1														8	8	21	57
32/ 31		.6																6	6	14	62
30/ 29																				6	28
28/ 27																					27
26/ 25																					9
24/ 23																					4
22/ 21																					1
20/ 19																					8
18/ 17																					1
16/ 15																					2
TOTAL	3.5	48.0	27.8	14.2	4.6	1.3	.4	.1											927		927
																		927		927	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5909183	72991	78.7	13.225	927							
Dry Bulb	1988251	42645	46.0	5.344	927		.6					93
Wet Bulb	1740870	39888	43.0	5.146	927		2.0					93
Dew Point	1481269	36541	39.4	6.644	927		14.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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
60/ 59		.2																2	2		
58/ 57		.6	.3															9	9	2	
56/ 55	.1	1.2	1.2				.1											24	24	10	9
54/ 53	.2	1.4	.2	.1	.2	.1												21	21	20	11
52/ 51		2.2	.8	1.0	.1	.2												39	39	18	16
50/ 49		2.4	2.4	.3														47	47	23	22
48/ 47	.1	6.6	1.4	.2														77	77	59	24
46/ 45	.5	7.4	2.0	.3	.2													98	98	96	56
44/ 43	1.5	7.9	2.0	.3	.1													110	110	111	103
42/ 41	2.2	7.7	4.6	.8	.2													143	143	114	110
40/ 39	2.2	7.9	4.2	.5	.3													140	140	115	95
38/ 37	.9	5.9	2.3	.2	.3													89	89	130	91
36/ 35	.9	3.9	1.7															60	60	96	92
34/ 33	.2	1.6	1.2	.1														29	29	57	92
32/ 31	.2	2.2	.1															23	23	35	70
30/ 29	.1	.9	.3															12	12	27	46
28/ 27	.1	.3																4	4	11	40
26/ 25																				3	30
24/ 23																					7
22/ 21																					3
20/ 19																					7
18/ 17																					1
16/ 15																					2
TOTAL	9.2	60.2	24.8	3.9	1.5	.3	.1												927		927
																		927		927	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6629475	77741	83.9	10.893	927							
Dry Bulb	1708894	39426	42.5	5.886	927		3.9					93
Wet Bulb	1551465	37535	40.5	5.846	927		7.6					93
Dew Point	1371142	35062	37.8	6.970	927		20.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
70/ 69				.0			.0											2	2		
68/ 67				.1		.0	.1	.0										12	12		
66/ 65			.0	.0	.0	.0	.1	.0										13	13		
64/ 63			.1	.1	.1	.2	.1											38	38	4	
62/ 61		.0	.2	.2	.2	.1	.2	.0										75	75	4	
60/ 59		.2	.4	.3	.3	.3	.3	.1										150	150	13	6
58/ 57		.5	.4	.5	.5	.3	.3	.0										197	197	54	15
56/ 55	.0	.9	1.3	1.0	.7	.6	.2	.1										351	351	114	52
54/ 53	.1	1.6	1.2	1.5	1.0	.4	.1	.0	.0									438	438	191	112
52/ 51	.0	1.8	2.3	1.5	.8	.2	.1	.0										499	499	310	128
50/ 49	.0	3.0	2.6	1.1	.5	.1	.0											549	549	438	229
48/ 47	.3	4.8	1.9	1.0	.4	.1	.1											642	642	711	358
46/ 45	.6	5.5	2.2	.6	.2	.1												681	681	843	539
44/ 43	1.0	6.4	1.8	.6	.1	.0												748	748	859	757
42/ 41	1.6	6.1	2.0	.4	.1	.0												760	760	891	857
40/ 39	2.2	4.3	1.6	.3	.1	.0												626	626	801	839
38/ 37	1.7	4.0	1.0	.2	.0													508	508	624	786
36/ 35	1.0	3.2	1.0	.1														390	390	495	684
34/ 33	.5	2.7	.8	.0														300	300	355	518
32/ 31	.4	2.4	.2	.0														222	222	303	517
30/ 29	.3	1.5	.1															143	143	227	310
28/ 27	.1	.8																64	64	127	256
26/ 25		.3																22	22	62	224
24/ 23		.0																2	2	6	113
22/ 21																					63
20/ 19																					8
18/ 17																					14
16/ 15																					7
TOTAL	9.8	50.1	21.0	9.5	5.0	2.6	1.5	.4	.0									7432	7432	7432	7432

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	49490881	596863	80.3	14.475	7432							
Dry Bulb	15247059	331617	44.6	7.784	7432		45.3	1.4				744
Wet Bulb	13335753	310905	41.8	6.660	7432		72.6					744
Dew Point	11373008	285722	38.4	7.230	7432		155.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203	CASTLE AFB CA	68-70,73-80	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
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
110/109																	.0	4	4		
108/107																	.0	10	10		
106/105															.0	.0	.0	41	41		
104/103														.0	.0	.0	.1	105	105		
102/101													.0	.0	.0	.1	.1	225	225		
100/ 99										.0	.0	.0	.0	.0	.1	.2	.1	378	378		
98/ 97											.0	.0	.0	.1	.2	.2	.1	540	540		
96/ 95									.0		.0	.0	.1	.2	.3	.1	.1	740	740		
94/ 93										.0	.0	.1	.2	.4	.2	.1	.0	936	936		
92/ 91									.0	.0	.1	.2	.3	.3	.2	.1	.0	1018	1018		
90/ 89								.0	.0	.0	.2	.4	.5	.3	.1	.0		1301	1301		
88/ 87							.0	.0	.0	.1	.4	.5	.4	.2	.0	.0		1377	1377		
86/ 85						.0	.0	.0	.1	.3	.6	.5	.3	.1	.0			1687	1687		
84/ 83							.0	.1	.2	.5	.5	.4	.2	.0	.0			1759	1759		
82/ 81				.0		.0	.0	.1	.4	.5	.5	.3	.1	.0	.0			1815	1815	1	
80/ 79					.0	.0	.1	.3	.5	.6	.5	.2	.1	.0				2036	2036	3	
78/ 77				.0	.0	.0	.2	.5	.8	.6	.3	.1	.1	.0				2267	2267	16	
76/ 75			.0	.0	.0	.2	.3	.7	.7	.5	.2	.1	.0					2438	2438	81	1
74/ 73			.0	.0	.0	.2	.6	.9	.7	.3	.1	.1	.0					2576	2576	206	3
72/ 71			.0	.0	.2	.5	.9	.7	.5	.2	.1	.0						2760	2760	678	7
70/ 69		.0	.0	.1	.3	.8	.9	.7	.4	.2	.1	.0						2990	2990	1706	14
68/ 67		.0	.0	.2	.6	.8	.9	.6	.2	.1	.0	.0						3127	3127	2804	41
66/ 65		.0	.1	.4	.9	.9	.9	.4	.2	.0	.0							3476	3476	3676	101
64/ 63		.1	.2	.7	1.0	1.1	.6	.3	.1	.0								3621	3621	4180	207
62/ 61		.1	.5	1.0	1.2	.8	.5	.2	.1	.0								3744	3744	5047	497
60/ 59	.0	.2	.9	1.2	1.1	.9	.4	.1	.0	.0								4213	4213	5804	1080
58/ 57	.0	.4	1.2	1.2	1.2	.5	.2	.1	.0									4313	4313	6050	2172
56/ 55	.0	.8	1.6	1.5	1.0	.4	.2	.0	.0									4789	4789	6203	3889
54/ 53	.0	1.0	1.9	1.3	.7	.3	.1	.0	.0									4700	4702	6711	5601
52/ 51	.0	1.2	2.1	1.0	.5	.2	.1	.0	.0									4412	4412	6682	7143
50/ 49	.1	1.7	1.8	.8	.3	.1	.0											4140	4140	6848	8504
48/ 47	.1	2.2	1.4	.7	.2	.1	.0											4141	4141	6364	8327
46/ 45	.1	2.1	1.4	.4	.1	.0	.0											3594	3595	5635	9006
44/ 43	.2	2.1	1.1	.3	.1	.0												3190	3190	4630	8403

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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
42/ 41	.3	1.7	.8	.2	.0	.0												2658	2659	4224	7510
40/ 39	.4	1.4	.6	.1	.0	.0												2239	2239	3322	6382
38/ 37	.3	1.2	.3	.0	.0													1602	1602	2449	5261
36/ 35	.2	.8	.3	.0	.0													1050	1050	1653	4232
34/ 33	.1	.5	.2	.0	.0													719	719	1080	2887
32/ 31	.1	.4	.0	.0														446	446	714	2338
30/ 29	.0	.2	.0															263	263	465	1384
28/ 27	.0	.1	.0															116	116	245	1066
26/ 25	.0	.0	.0															47	47	106	779
24/ 23	.0	.0																20	20	26	373
22/ 21	.0	.0																2	2	15	192
20/ 19																				1	123
18/ 17																					58
16/ 15																					22
14/ 13																					14
12/ 11																					6
10/ 9																					1
8/ 7																					1
TOTAL	2.0	18.2	16.5	11.0	9.4	8.0	6.9	5.8	5.0	4.1	3.6	2.9	2.3	1.7	1.3	.8	.6	87625	87629	87625	87625

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	354857183	5228635	59.7	22.117	87625		89.4	3013.6	2125.9	1311.4	298.0	8760
Dry Bulb	350159310	5366906	61.2	15.649	87629		157.2	549.7	30.7	.2		8760
Wet Bulb	246556136	4574750	52.2	9.384	87625		635.6	6.6	.4			8760
Dew Point	179640120	3907680	44.6	7.832	87625							8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	42.4	45.6	47.5	50.2	57.6	64.0	69.4	68.4	64.8	56.1	47.1	40.9	54.5
	S D	7.153	5.169	4.967	5.011	6.988	6.823	6.284	5.658	5.289	5.722	6.229	6.516	11.540
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	41.3	43.9	45.4	47.5	54.2	59.9	65.1	64.2	61.1	53.3	45.3	39.8	51.8
	S D	7.581	5.686	5.316	4.995	6.350	6.101	5.932	5.080	4.833	5.606	6.470	6.852	10.564
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	41.0	43.4	46.1	50.5	59.4	65.5	69.8	67.1	63.1	54.1	45.1	39.5	53.8
	S D	7.781	5.926	5.616	5.947	7.559	7.179	6.608	6.111	5.934	6.138	6.698	7.112	12.378
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
09-11	MEAN	45.2	50.2	55.0	61.1	70.6	76.5	81.7	79.6	76.1	66.1	53.3	44.9	63.4
	S D	6.867	5.460	5.491	6.736	8.495	7.988	7.005	6.774	6.586	7.229	6.677	6.296	14.680
	TOTAL OBS	930	846	930	900	930	899	930	930	900	929	900	930	10954
12-14	MEAN	50.4	56.5	60.7	67.5	78.2	84.3	90.0	87.9	84.5	74.1	60.5	51.4	70.6
	S D	6.495	5.831	6.316	7.918	9.303	8.387	7.108	6.918	6.959	7.952	6.657	6.146	15.678
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	51.6	58.0	61.9	68.9	80.6	87.4	93.2	90.7	86.6	75.0	60.8	51.9	72.3
	S D	6.365	5.988	6.701	8.667	9.795	8.437	6.683	6.800	7.248	8.485	6.831	5.915	16.481
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	928	10952
18-20	MEAN	47.2	52.6	56.1	61.7	73.0	80.3	85.9	82.8	77.6	66.0	53.8	46.0	65.3
	S D	6.086	5.177	5.927	7.734	9.740	8.652	7.210	7.110	6.661	7.187	5.915	5.344	15.440
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	927	10950
21-23	MEAN	44.1	48.1	50.8	54.3	63.1	69.5	75.1	73.1	69.2	59.6	49.4	42.5	58.3
	S D	6.527	4.865	5.091	5.708	7.975	7.416	6.282	5.782	5.348	5.935	5.909	5.886	12.695
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	927	10950
ALL HOURS	MEAN	45.4	49.8	52.9	57.7	67.1	73.4	78.8	76.7	72.9	63.0	51.9	44.6	61.2
	S D	7.841	7.592	8.298	10.201	12.471	12.203	11.815	11.279	11.017	10.567	8.718	7.784	15.649
	TOTAL OBS	7440	6768	7439	7200	7440	7199	7440	7432	7200	7439	7200	7432	87629

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	40.4	43.2	44.3	45.8	50.7	54.5	57.9	57.5	56.6	51.0	44.5	39.2	48.8
	S D	6.987	4.900	5.180	4.251	4.908	4.127	3.945	3.685	4.230	4.912	5.787	6.283	8.200
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	39.5	41.8	42.6	43.9	48.7	52.6	56.0	55.5	54.6	49.2	43.1	38.3	47.2
	S D	7.358	5.319	5.455	4.429	4.722	3.840	3.947	3.694	4.236	5.063	6.203	6.660	8.060
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	39.2	41.4	43.1	45.9	51.6	55.5	58.5	57.1	55.7	49.8	42.9	38.0	48.3
	S D	7.569	5.506	5.505	4.788	4.912	3.908	3.936	3.933	4.547	5.209	6.330	6.830	8.890
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
09-11	MEAN	42.6	46.6	49.0	51.8	56.9	60.5	63.9	63.0	61.7	56.2	48.8	42.4	53.7
	S D	6.470	4.529	4.398	4.439	5.068	4.006	3.537	3.404	3.977	4.586	5.319	5.711	8.851
	TOTAL OBS	929	846	930	900	930	899	930	930	900	929	900	930	10953
12-14	MEAN	46.1	50.2	51.7	54.3	59.6	63.4	66.9	66.1	64.7	59.3	52.5	46.5	56.8
	S D	5.781	4.303	4.950	4.664	5.215	4.085	3.418	3.139	3.882	4.528	4.715	4.964	8.523
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
15-17	MEAN	46.6	50.7	52.0	54.5	60.1	64.1	67.8	66.9	65.2	59.4	52.5	46.7	57.2
	S D	5.647	4.342	5.193	4.843	5.277	4.219	3.398	3.226	4.080	4.779	4.821	4.847	8.719
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	928	10952
18-20	MEAN	44.0	48.0	49.3	52.0	57.6	62.0	66.0	65.0	62.7	56.2	49.1	43.0	54.6
	S D	5.969	4.370	5.322	4.883	5.661	4.776	4.106	4.050	4.495	4.860	5.106	5.146	9.211
	TOTAL OBS	930	844	930	900	930	900	930	927	900	930	900	927	10948
21-23	MEAN	41.8	45.2	46.3	48.3	53.4	57.2	61.0	60.4	59.0	53.0	46.3	40.5	51.1
	S D	6.447	4.528	5.185	4.366	5.359	4.633	4.263	4.057	4.289	4.701	5.466	5.846	8.581
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	927	10950
ALL HOURS	MEAN	42.5	45.9	47.3	49.6	54.8	58.7	62.3	61.4	60.0	54.3	47.5	41.8	52.2
	S D	7.080	5.824	6.283	5.978	6.523	5.863	5.703	5.514	5.720	6.175	6.584	6.660	9.384
	TOTAL OBS	7438	6766	7439	7200	7440	7199	7440	7432	7200	7439	7200	7432	87625

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23203 CASTLE AFB CA 68-70,73-80

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	37.9	40.6	40.4	40.9	44.0	46.1	48.5	48.5	49.8	46.2	41.7	36.8	43.5
	S D	7.846	5.417	6.945	5.694	5.402	5.156	5.599	6.257	6.152	6.433	6.770	7.082	7.542
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	37.0	39.3	39.1	39.8	43.3	45.8	48.2	48.0	48.9	45.1	40.6	36.2	42.6
	S D	8.184	5.669	7.001	5.631	5.201	4.585	5.435	6.264	6.155	6.613	7.146	7.411	7.700
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	36.7	38.9	39.5	40.9	44.4	47.0	49.6	48.9	49.4	45.5	40.4	35.8	43.1
	S D	8.424	5.772	6.890	5.917	5.051	4.342	5.066	6.067	6.193	6.660	7.110	7.583	7.959
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
09-11	MEAN	39.5	42.8	42.8	42.7	45.5	48.3	51.6	51.1	51.1	47.9	44.3	39.4	45.6
	S D	7.314	5.050	6.900	6.047	5.541	4.746	4.786	5.349	6.151	6.612	6.409	6.627	7.348
	TOTAL OBS	929	846	930	900	930	899	930	930	900	929	900	930	10953
12-14	MEAN	41.2	44.0	42.9	42.0	44.6	48.3	51.9	51.6	51.1	47.5	45.0	41.2	46.0
	S D	7.213	5.378	7.308	6.548	6.376	5.536	5.210	5.344	6.595	7.044	6.721	6.511	7.443
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
15-17	MEAN	41.1	43.6	42.1	41.0	43.5	47.4	51.5	51.3	50.4	46.9	44.7	40.8	45.4
	S D	7.480	5.713	8.158	7.169	6.623	6.111	5.717	5.582	7.049	7.466	6.869	6.844	7.821
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	928	10952
18-20	MEAN	40.2	43.3	42.2	42.5	44.8	48.3	52.9	53.0	52.1	47.8	44.4	39.4	45.9
	S D	7.477	5.357	8.096	6.870	6.821	6.567	6.229	5.904	6.698	6.951	6.603	6.644	8.170
	TOTAL OBS	930	844	930	900	930	900	930	927	900	930	900	927	10948
21-23	MEAN	38.9	42.0	41.4	42.2	44.6	47.1	50.5	50.8	51.0	47.0	43.0	37.8	44.7
	S D	7.512	5.173	7.475	5.961	6.144	5.942	6.258	6.354	6.300	6.588	6.581	6.970	7.828
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	927	10950
ALL HOURS	MEAN	39.1	41.8	41.3	41.5	44.3	47.3	50.6	50.4	50.5	46.7	43.0	38.4	44.6
	S D	7.861	5.751	7.489	6.319	5.964	5.499	5.773	6.127	6.493	6.871	7.005	7.230	7.832
	TOTAL OBS	7438	6766	7439	7200	7440	7199	7440	7432	7200	7439	7200	7432	87625

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.9	98.8	91.2	69.5	26.6	84.2	930
	03-05	100.0	100.0	100.0	100.0	99.8	98.2	92.8	72.4	29.4	84.8	930
	06-08	100.0	100.0	100.0	100.0	99.7	98.4	93.3	74.3	29.2	85.0	930
	09-11	100.0	100.0	100.0	100.0	98.7	93.4	81.7	57.6	21.6	81.1	929
	12-14	100.0	100.0	100.0	98.1	90.5	77.0	59.0	28.5	9.9	72.1	929
	15-17	100.0	100.0	99.4	94.9	85.6	71.8	52.0	22.9	5.9	69.1	930
	18-20	100.0	100.0	100.0	98.8	95.9	88.0	75.6	44.7	13.4	77.4	930
	21-23	100.0	100.0	100.0	99.9	99.2	96.5	86.8	62.4	22.0	82.4	930
TOTALS		100.0	100.0	99.9	99.0	96.2	90.3	79.1	54.0	19.8	79.5	7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	FEB
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.9	99.8	98.3	92.9	68.8	11.5	82.8	846
	03-05	100.0	100.0	100.0	100.0	99.9	98.9	95.5	73.3	15.7	84.1	846
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	96.0	73.6	17.4	84.4	846
	09-11	100.0	100.0	99.9	99.5	98.3	91.4	71.5	37.0	9.0	76.6	846
	12-14	100.0	99.8	99.3	96.2	85.0	60.8	31.4	10.8	3.0	64.3	846
	15-17	100.0	100.0	99.4	92.1	74.8	48.7	25.3	5.9	.6	60.3	846
	18-20	100.0	100.0	100.0	99.1	94.7	81.3	58.6	21.9	2.1	71.6	844
	21-23	100.0	100.0	100.0	100.0	99.5	96.2	85.9	51.9	6.1	79.8	846
TOTALS		100.0	100.0	99.8	98.4	94.0	84.3	69.6	42.9	8.2	75.5	6756

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	MAR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.1	95.3	90.9	78.7	45.5	7.2	77.1	930
	03-05	100.0	100.0	100.0	99.1	96.1	93.4	82.8	51.8	11.2	79.0	930
	06-08	100.0	100.0	100.0	99.0	96.2	91.4	80.5	49.0	9.0	78.3	929
	09-11	100.0	100.0	99.8	93.1	82.7	64.7	39.2	11.2	1.1	65.0	930
	12-14	100.0	100.0	94.0	80.4	61.5	33.0	11.3	1.8	.1	53.9	930
	15-17	100.0	99.8	89.6	71.0	50.6	25.7	11.4	1.8	.8	50.8	930
	18-20	100.0	99.9	97.3	87.2	74.4	56.7	33.9	9.8	.6	61.7	930
	21-23	100.0	100.0	99.6	96.6	89.0	80.9	62.6	25.3	2.5	71.4	930
TOTALS		100.0	99.9	97.5	90.7	80.7	67.1	50.1	24.5	4.1	67.2	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	APR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.2	97.2	93.8	82.2	52.2	25.2	2.4	71.7	900
	03-05	100.0	100.0	99.6	98.0	96.3	89.2	72.1	35.2	5.6	75.4	900
	06-08	100.0	100.0	99.0	96.9	91.7	79.7	57.7	25.1	3.8	71.1	900
	09-11	100.0	99.2	94.0	80.8	55.2	26.6	9.1	2.3	.4	52.6	900
	12-14	100.0	96.4	78.7	50.9	24.2	8.1	3.3	1.6	.4	41.9	900
	15-17	100.0	91.8	67.4	40.7	18.2	9.4	5.8	1.6	.6	39.2	900
	18-20	100.0	97.9	90.1	72.9	52.4	30.1	14.3	3.2	.9	52.1	900
	21-23	100.0	100.0	98.0	94.7	84.2	65.1	41.4	12.7	1.1	65.3	900
TOTALS		100.0	98.2	90.8	79.0	64.6	48.8	33.2	13.4	1.9	58.7	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.0	95.1	78.2	56.0	28.4	5.4		61.9	930
	03-05	100.0	100.0	99.9	97.7	89.7	72.3	48.6	14.9	.3	67.9	930
	06-08	100.0	100.0	98.6	91.4	72.3	46.2	22.2	4.6	.2	59.4	930
	09-11	100.0	99.4	85.5	54.3	19.7	3.4	.4			41.9	930
	12-14	99.9	90.9	49.1	16.2	3.7	1.0	.2			31.8	930
	15-17	99.7	80.5	31.7	11.0	2.7	1.0	.2			28.3	930
	18-20	99.9	96.0	69.4	38.4	16.6	4.9	1.0			38.4	930
	21-23	100.0	100.0	96.5	79.7	53.9	27.8	8.6	1.3		52.6	930
TOTALS		99.9	95.9	78.7	60.5	42.1	26.6	13.7	3.3	.1	47.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	JUN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	95.9	83.6	57.4	33.1	12.6	1.0		54.1	900
	03-05	100.0	100.0	99.2	92.6	77.0	52.9	27.1	6.4		61.3	900
	06-08	100.0	100.0	95.3	80.3	54.9	28.1	10.8	1.1		52.9	900
	09-11	100.0	97.9	74.7	41.3	12.7	2.3	.7			38.6	899
	12-14	100.0	84.7	41.6	13.3	1.6	.4	.1			29.9	900
	15-17	99.6	73.2	27.3	6.2	.8	.3	.1			26.3	900
	18-20	100.0	91.2	60.1	24.9	6.8	1.8	.1			34.1	900
	21-23	100.0	99.8	90.1	66.4	36.7	11.6	2.4	.2		46.4	900
TOTALS		100.0	93.4	73.0	51.1	31.0	16.3	6.7	1.1		43.0	7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	69-70,73-80	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	93.2	72.4	41.8	19.4	5.2	1.0		49.0	930
	03-05	100.0	100.0	98.0	85.7	64.5	35.5	15.4	3.3		56.1	930
	06-08	100.0	100.0	95.6	75.9	45.4	19.9	6.9	1.1		50.3	930
	09-11	100.0	97.6	68.1	30.4	8.5	2.3	.5	.2		36.5	930
	12-14	100.0	84.3	32.0	7.6	1.9	1.0	1.0	.6		28.3	930
	15-17	100.0	73.1	19.0	2.9	1.6	1.0	.8	.3		25.3	930
	18-20	100.0	93.5	56.5	20.1	4.8	1.6	.6	.3		33.4	930
	21-23	100.0	99.7	88.1	55.3	24.9	7.0	1.3	.5		43.4	930
TOTALS		100.0	93.5	68.8	43.8	24.2	11.0	4.0	.9		40.3	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203 (STATION) CASTLE AFB CA (STATION NAME) 69-70,73-80 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	92.6	73.2	46.1	27.1	13.1	2.5		51.1	930
	03-05	100.0	99.9	97.0	85.8	63.1	39.4	23.5	8.1	.1	57.6	930
	06-08	100.0	99.9	96.1	79.1	53.1	32.9	15.8	4.2	.1	54.0	930
	09-11	100.0	97.5	71.8	38.3	16.7	4.0	1.1	.5		38.6	930
	12-14	100.0	87.3	41.2	12.6	2.5	1.0	.6	.3	.3	30.2	930
	15-17	99.7	79.1	26.2	7.2	1.3	1.0	.6	.3		27.2	928
	18-20	100.0	98.2	73.0	31.3	11.1	2.8	1.0	.4		37.1	927
	21-23	100.0	99.8	93.1	65.9	36.1	15.9	3.1	1.0		47.0	927
TOTALS		100.0	95.2	73.5	49.2	28.8	15.5	7.4	2.2	.1	42.9	7432

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
23203	CASTLE AFB CA	68-70,73-79	SEP

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%		
SEP	00-02	100.0	100.0	99.2	90.3	73.6	48.3	19.4	5.1	.9	59.6	900
	03-05	100.0	100.0	99.6	96.0	83.7	64.8	38.1	10.8	1.0	65.4	900
	06-08	100.0	100.0	99.4	92.1	77.3	55.1	29.9	8.6	.7	62.4	900
	09-11	100.0	99.0	83.2	57.2	26.7	8.2	1.7	.9	.1	43.3	900
	12-14	100.0	89.8	55.1	21.8	5.4	1.9	.6	.3		33.1	900
	15-17	100.0	83.1	42.4	11.7	3.6	2.0	.6	.3	.1	30.2	900
	18-20	100.0	99.1	85.8	53.6	21.7	4.7	2.1	.8		42.4	900
	21-23	100.0	100.0	98.3	84.2	59.7	28.1	6.7	1.9	.1	53.6	900
TOTALS		100.0	96.4	82.9	63.4	44.0	26.6	12.4	3.6	.4	48.8	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	68-70,73-79	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.8	97.2	90.9	73.4	52.5	27.4	8.4	70.9	930
	03-05	100.0	100.0	99.8	98.5	94.5	81.0	64.5	37.7	14.0	74.9	930
	06-08	100.0	100.0	99.6	97.4	91.4	80.0	63.0	37.8	14.4	74.2	930
	09-11	100.0	99.7	93.3	76.9	57.3	33.3	16.4	6.9	1.8	54.4	929
	12-14	100.0	95.9	75.2	49.0	21.4	8.1	3.8	2.6	.8	41.3	930
	15-17	100.0	94.3	70.2	40.8	17.2	8.3	4.3	2.9	.8	39.5	930
	18-20	100.0	99.5	95.4	78.1	55.9	32.7	15.9	6.1	1.8	54.3	930
	21-23	100.0	99.8	99.2	94.3	79.9	61.6	37.7	15.4	4.3	65.1	930
TOTALS		100.0	98.7	91.6	79.0	63.6	47.3	32.3	17.1	5.8	59.3	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	68-70,73-79	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.6	99.1	98.0	95.7	85.8	61.6	25.7	82.1	900
	03-05	100.0	100.0	99.6	99.3	98.7	97.0	88.4	68.7	32.4	84.1	900
	06-08	100.0	100.0	100.0	99.7	98.9	97.0	88.9	66.6	31.7	84.1	900
	09-11	100.0	100.0	99.3	97.4	90.6	78.4	61.3	34.7	13.1	73.4	900
	12-14	100.0	100.0	95.6	86.3	69.0	45.1	25.9	8.1	1.3	58.9	900
	15-17	100.0	99.8	95.0	85.1	66.4	43.4	22.0	5.2	1.1	57.6	900
	18-20	100.0	100.0	99.8	97.4	90.9	79.0	61.8	29.2	5.1	72.0	900
	21-23	100.0	100.0	99.7	99.0	97.8	91.9	79.9	51.1	17.9	79.4	900
TOTALS		100.0	100.0	98.6	95.4	88.8	78.4	64.3	40.7	16.0	74.0	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	68-70,73-79	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.9	99.5	98.2	91.5	72.3	41.0	85.8	930
	03-05	100.0	100.0	100.0	100.0	99.6	98.7	95.2	78.8	44.2	87.2	930
	06-08	100.0	100.0	99.8	99.7	99.6	98.7	95.1	78.7	44.0	87.0	930
	09-11	100.0	100.0	99.7	99.4	97.7	92.5	80.8	59.9	31.6	81.8	930
	12-14	100.0	100.0	99.5	95.8	86.1	70.0	52.5	30.3	9.4	70.1	930
	15-17	100.0	100.0	99.4	93.5	81.8	67.1	50.1	24.7	4.6	67.9	928
	18-20	100.0	100.0	100.0	98.6	96.4	89.2	74.1	52.9	17.3	78.7	927
	21-23	100.0	100.0	100.0	99.7	98.6	96.5	87.7	67.7	29.8	83.9	927
TOTALS		100.0	100.0	99.9	98.3	94.9	88.9	78.4	58.2	27.7	80.3	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23203	CASTLE AFB CA	68-70,73-80	ALL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.9	99.0	96.2	90.3	79.1	54.0	19.8	79.5	7438
FEB		100.0	100.0	99.8	98.4	94.0	84.3	69.6	42.9	8.2	75.5	6766
MAR		100.0	99.9	97.5	90.7	80.7	67.1	50.1	24.5	4.1	67.2	7439
APR		100.0	98.2	90.8	79.0	64.6	48.8	33.2	13.4	1.9	58.7	7200
MAY		99.9	95.9	78.7	60.5	42.1	26.6	13.7	3.3	.1	47.8	7440
JUN		100.0	93.4	73.0	51.1	31.0	16.3	6.7	1.1		43.0	7199
JUL		100.0	93.5	68.8	43.8	24.2	11.0	4.0	.9		40.3	7440
AUG		100.0	95.2	73.5	49.2	28.8	15.5	7.4	2.2	.1	42.9	7432
SEP		100.0	96.4	82.9	63.4	44.0	26.6	12.4	3.6	.4	48.8	7200
OCT		100.0	98.7	91.6	79.0	63.6	47.3	32.3	17.1	5.8	59.3	7439
NOV		100.0	100.0	98.6	95.4	88.8	78.4	64.3	40.7	16.0	74.0	7200
DEC		100.0	100.0	99.8	98.3	94.9	88.9	78.4	58.2	27.7	80.3	7432
TOTALS		100.0	97.6	87.9	75.7	62.7	50.1	37.6	21.8	7.0	59.8	87625

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

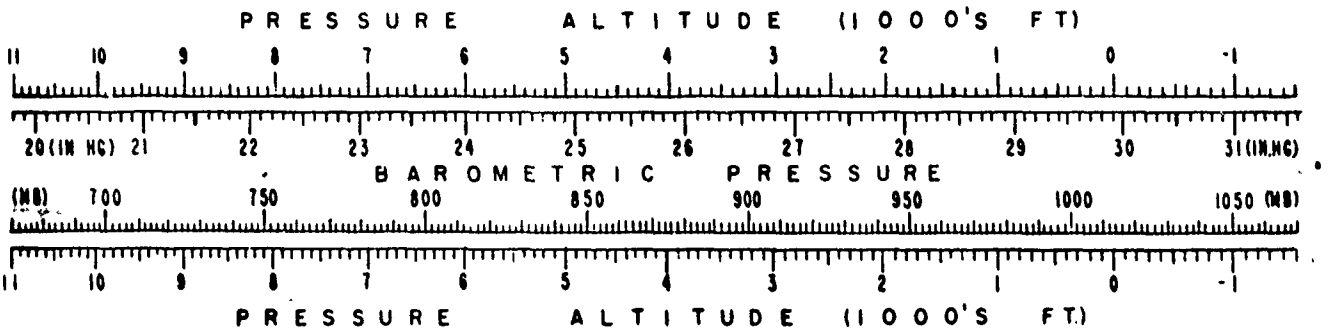
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23203 CASTLE AFB CA 68-70,73-80

STATION STATION NAME YEARS

HPS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.884	29.864	29.810	29.802	29.712	29.678	29.665	29.658	29.672	29.771	29.873	29.918	29.775
	S D	.167	.173	.151	.103	.097	.094	.076	.078	.083	.091	.142	.145	.152
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.881	29.854	29.798	29.795	29.712	29.682	29.667	29.658	29.673	29.767	29.872	29.917	29.772
	S D	.168	.179	.152	.104	.097	.093	.077	.078	.083	.092	.142	.144	.151
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.891	29.867	29.826	29.826	29.745	29.714	29.701	29.694	29.706	29.794	29.893	29.928	29.798
	S D	.171	.182	.153	.104	.095	.092	.076	.076	.082	.091	.141	.146	.147
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.927	29.897	29.849	29.839	29.751	29.720	29.712	29.706	29.722	29.815	29.921	29.963	29.818
	S D	.172	.183	.152	.105	.096	.091	.075	.076	.083	.092	.141	.147	.153
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.877	29.859	29.815	29.805	29.717	29.691	29.681	29.673	29.681	29.766	29.870	29.908	29.778
	S D	.167	.173	.149	.105	.095	.093	.076	.076	.082	.092	.140	.145	.147
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.858	29.827	29.778	29.764	29.674	29.650	29.638	29.627	29.637	29.734	29.844	29.892	29.743
	S D	.166	.172	.145	.105	.094	.093	.077	.077	.084	.094	.140	.143	.152
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
19	MEAN	29.870	29.837	29.782	29.764	29.674	29.646	29.630	29.620	29.637	29.745	29.857	29.903	29.747
	S D	.168	.172	.143	.103	.095	.090	.077	.077	.083	.093	.141	.144	.156
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	29.887	29.854	29.810	29.797	29.713	29.681	29.665	29.655	29.668	29.769	29.876	29.919	29.774
	S D	.166	.176	.144	.102	.096	.091	.076	.076	.081	.093	.143	.146	.152
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	29.884	29.857	29.808	29.799	29.712	29.683	29.670	29.661	29.675	29.770	29.876	29.919	29.776
	S D	.169	.177	.150	.107	.099	.095	.080	.082	.087	.095	.143	.146	.153
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2490	2477	2400	2480	2400	2477	29210

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23203 (STATION) CASTLE AFB CA (STATION NAME) 68-70,73-80 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.1	1018.5	1016.5	1016.2	1013.0	1011.8	1011.3	1011.1	1011.6	1015.1	1018.8	1020.3	1015.3
	S D	5.834	5.962	5.222	3.569	3.348	3.177	2.614	2.654	2.842	3.169	4.901	5.039	5.324
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
04	MEAN	1019.0	1018.1	1016.1	1015.9	1013.0	1011.9	1011.4	1011.1	1011.6	1014.9	1018.7	1020.3	1015.2
	S D	5.842	6.161	5.231	3.613	3.339	3.159	2.607	2.648	2.842	3.176	4.906	5.006	5.289
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1019.4	1018.6	1017.1	1017.0	1014.1	1013.0	1012.6	1012.3	1012.8	1015.9	1019.4	1020.7	1016.1
	S D	5.958	6.278	5.293	3.650	3.279	3.133	2.561	2.588	2.820	3.176	4.879	5.081	5.153
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1020.7	1019.6	1017.9	1017.5	1014.3	1013.2	1012.9	1012.7	1013.3	1016.6	1020.4	1021.9	1016.7
	S D	6.002	6.318	5.269	3.670	3.307	3.089	2.551	2.578	2.823	3.227	4.898	5.097	5.349
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1018.9	1018.3	1016.7	1016.3	1013.2	1012.2	1011.8	1011.6	1011.9	1014.9	1018.6	1020.0	1015.4
	S D	5.816	5.952	5.141	3.647	3.251	3.154	2.582	2.605	2.804	3.194	4.831	5.045	5.141
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
16	MEAN	1018.2	1017.1	1015.4	1014.8	1011.7	1010.8	1010.4	1010.0	1010.4	1013.8	1017.7	1019.4	1014.1
	S D	5.769	5.975	5.016	3.627	3.240	3.118	2.608	2.634	2.843	3.227	4.820	4.921	5.296
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
19	MEAN	1018.7	1017.5	1015.6	1014.9	1011.7	1010.6	1010.1	1009.8	1010.4	1014.2	1018.2	1019.8	1014.3
	S D	5.855	5.973	4.958	3.540	3.240	3.063	2.620	2.622	2.849	3.218	4.894	4.999	5.452
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	1019.3	1018.1	1016.5	1016.0	1013.0	1011.9	1011.3	1010.9	1011.5	1015.0	1018.9	1020.4	1015.2
	S D	5.789	6.086	4.987	3.560	3.323	3.074	2.591	2.616	2.776	3.235	4.960	5.076	5.320
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	1019.2	1018.2	1016.5	1016.1	1013.0	1011.9	1011.5	1011.2	1011.7	1015.1	1018.8	1020.3	1015.3
	S D	5.888	6.119	5.188	3.707	3.407	3.231	2.740	2.784	2.979	3.302	4.936	5.073	5.350
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2479	2477	2399	2480	2400	2477	29208

USAFETAC FORM JUL 64 0 89 5 (OLA)