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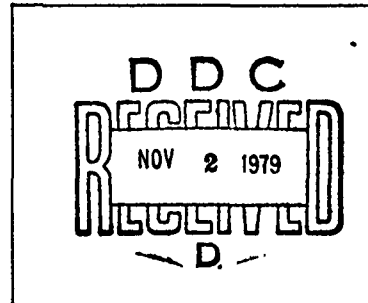
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USAFETAC/DS-79/070

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USAFETAC  
Air Weather Service ( MAC )**

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

NORTON AFB CALIF/SAN BERNARDINO      WBAN #23122  
N 34 06 W 117 14 ELEV 1156 FT      KSBD      WMO #

PARTS A-F

POR FROM HOURLY OBS: JAN 43-DEC 72

POR FROM DAILY OBS: JAN 43-DEC 72

*New Part B added 2 Apr 76 Jnl*

JAN 08 1974

**FEDERAL BUILDING  
ASHEVILLE, N. C.**

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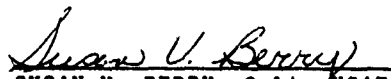
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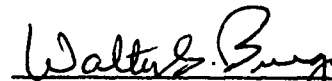
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This technical report has been reviewed and is approved for publication.

  
SUSAN V. BERRY, 2 Lt, USAF  
Information Retrieval  
Manager

FOR THE COMMANDER

  
WALTER S. BURGMANN  
Scientific & Technical  
Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
USAFETAC/DS- 79/70		
4. TITLE (and Subtitle)		5. TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Norton AFB, San Bernardino, California		Final rept.
		6. PERFORMING ORG. REPORT NUMBER
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USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE
USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		8 Jan 74
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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 temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric 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 statistical summary of surface weather observations for Norton AFB, San Bernardino, 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. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* California

\* Norton 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 occurrence or cumulative percentage frequency of occurrence tables.

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THE PERIOD OF RECORD JAN 71-DEC 72 FOR HOURLY OBSERVATIONS IN THIS SUMMARY ARE FROM  
GWC DATA WHICH IS UNEDITED. THE SPOTS LINED THROUGH IN BLACK INK ARE OBVIOUS ERRORS.

0 24 5 (X A)

11/14/84  
OCT 84

WPC-  
MARY USARIAC

STATION NO ON SUMMARY 23122	STATION NAME NORTON AFB CALIF/SAN BERNARDINO	LATITUDE N 34 06	LONGITUDE W 117 14	STATION ELEV (FT) 1166	CALL SIGN KSED	WMO NUMBER -
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### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		985 PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	San Bernardino Army Airfield, Calif	AAF	Jan 43	Feb 43	N 34 06	W 117 15	1095	1098	18
2	Same	Same	Mar 43	May 48	Same	Same	Same	Same	24
3	San Bernardino AFB, Calif	AFB	Jun 48	Feb 50	Same	Same	Same	Same	24
4	Norton AFB, Calif	Same	Mar 50	Nov 63	Same	Same	1156	Same	24
5	Same	Same	Dec 63	Feb 65	Same	Same	1166	1113	24
6	Same	Same	Mar 65	Dec 72	Same	W 117 14	Same	Same	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 43 to May 48	Located on S end of Operations Bldg at E end of field.	Selsyn	ML-144	40 Ft	
2	Jun 48 to Feb 54	Located on top of Operations Hangar.	Same	Same	105 Ft	
3	Mar 54 to Mar 55	Located on roof of Operations Bldg.	Same	Same	150 Ft	
4	Apr 55 to May 58	Located on top of Control Tower.	Same	Same	135 Ft	
5	Jun 58 to Feb 64	Located S of Rnwy 05/23.	AN/GMQ-11	RO-2	13 Ft	
6	Mar 64 to Feb 65	Located 1200 ft from W end of Rnwy 05/23, 500 ft from centerline.	Same	Same	Same	



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 65 to Feb 69	Located 1300 ft from W end of Rnwy 05/23, 500 ft from centerline.	Same	Same	Same	
8	Mar 69 to Dec 72	Located 1200 ft from W end of Rnwy 05/23, 500 ft from centerline.	N/GMQ-20	RO-362	Same	

D

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UNAFPTAC OL-1  
AIR WEATHER SERVICE (WAC)

# 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 _____

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ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

A

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena, 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.

Occurrences of 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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-WEAN sources.)

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

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

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

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 USAF ETAC  
 AIR WEATHER SERVICE/AG

**WEATHER CONDITIONS**

23122  
 STATION

MORTON AFB CALIF/SAN BERNARDINO  
 STATION NAME

43-72  
 YEARS

ALL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	6.1		.2	.0	6.2	9.3	20.5	.0	.0	27.3	21822
FEB		.1	6.2		.0	.0	6.2	11.0	24.0		.1	32.0	19996
MAR		.1	5.3		.0	.0	5.3	11.1	31.1		.0	38.7	22050
APR		.1	5.2			.0	5.2	11.3	36.3		.5	45.5	20764
MAY		.0	3.3				3.3	12.3	48.7		.0	57.7	22177
JUN		.0	2.2				2.2	11.5	60.9		.0	68.4	21206
JUL		.2	.5				.5	5.4	55.5		.0	59.1	21902
AUG		.3	.5				.5	6.0	53.0		.0	56.6	22261
SEP		.2	1.3			.0	1.3	9.3	48.9		.0	54.2	20841
OCT		.1	1.9			.0	1.9	10.8	43.7		.0	50.8	22203
NOV		.0	4.3		.0		4.3	7.8	26.1		.0	30.8	21513
DEC		.1	5.4		.0	.0	5.4	6.9	16.2		.0	21.4	22206
TOTALS		.1	3.5		.0	.0	3.5	9.4	38.7	.0	.0	45.2	258941

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23122  
 STATION

NURTON AFB CALIF/SAN BERNARDINO  
 STATION NAME

43-72  
 YEARS

JAN  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		6.6		.2		6.8	14.6	17.0			27.4	2681
	03-05		6.9		.3		7.1	14.3	17.3			28.0	2686
	06-08		6.5		.1		6.6	13.7	21.1	.0		31.0	2753
	09-11		5.3		.1		5.3	7.1	22.4		.1	28.0	2751
	12-14		5.4		.1		5.5	3.9	20.8		.1	24.1	2752
	15-17	.1	6.0		.1	.0	6.1	3.9	22.1			25.2	2747
	18-20		5.7		.3		6.0	5.5	23.3		.0	27.4	2737
	21-23		6.0		.1		6.1	11.5	19.9		.0	27.6	2715
TOTALS		.0	6.1		.2	.0	6.2	9.3	20.5	.0	.0	27.3	21822

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23122  
 STATION

NORTON AFB CALIF/SAN BERNARDINO  
 STATION NAME

43-72  
 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		5.6		.0		5.7	19.5	20.5		.1	34.0	2430
	03-05		5.8				5.8	19.1	18.8		.0	32.7	2499
	06-08		6.2		.0		6.2	18.4	20.8			34.1	2520
	09-11		5.8			.0	5.9	8.6	25.0			31.4	2519
	12-14	.2	6.0			.0	6.0	3.1	23.6		.2	26.3	2516
	15-17	.1	6.7				6.7	1.9	27.8		.1	29.5	2505
	18-20	.1	7.1				7.1	4.6	30.9		.1	34.9	2518
	21-23	.0	6.2				6.2	12.6	24.7			33.2	2489
TOTALS		.1	6.2		.0	.0	6.2	11.0	24.0		.1	32.0	19996

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**WEATHER CONDITIONS**

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      MAR  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		5.4				5.4	19.7	27.8			40.5	2716
	03-05		5.6				5.6	22.6	21.8			37.3	2768
	06-08	.1	5.4				5.4	21.8	26.9			42.1	2767
	09-11	.0	3.9				3.9	6.5	33.0		.0	39.4	2765
	12-14	.1	4.6		.0		4.6	1.8	29.9		.1	31.3	2769
	15-17	.1	6.0		.0		6.0	1.7	32.5		.1	34.1	2756
	18-20	.1	5.6		.0	.0	5.6	3.4	40.8			43.8	2767
	21-23	.1	5.9		.0		5.9	11.0	33.7		.0	41.3	2742
TOTALS		.1	5.3		.0	.0	5.3	11.1	31.1		.0	38.7	22050





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      MAY  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		4.3				4.3	22.2	39.0			54.8	2776
	03-05		7.3				7.3	34.7	35.7			60.0	2767
	06-08		6.2				6.2	27.6	49.1		.0	68.4	2772
	09-11	.0	1.9				1.9	5.7	60.0		.1	63.6	2771
	12-14		1.2				1.2	.5	51.9			52.2	2777
	15-17	.1	1.3				1.3	.4	53.2		.0	53.4	2770
	18-20	.1	1.8				1.8	1.1	54.0			54.8	2773
	21-23		2.3				2.3	5.8	46.3			50.7	2771
TOTALS		.0	3.3				3.3	12.3	48.7		.0	57.2	22177



3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23122  
 STATION

MORTON AFB CALIF/SAN BERNARDINO  
 STATION NAME

43-72  
 YEARS

JUL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.1	.2				.2	6.5	50.4		.0	55.0	2745
	03-05	.0	.9				.9	19.5	50.8			63.8	2731
	06-08	.1	.8				.8	15.6	67.5			78.1	2729
	09-11	.1	.3				.3	1.1	72.6			73.3	2734
	12-14	.8	.8				.8	.1	48.6			48.7	2743
	15-17	.1	.6				.6		52.8			52.8	2736
	18-20	.0	.1				.1		53.6			53.6	2741
	21-23	.0	.2				.2	.4	47.5			47.8	2743
TOTALS		.2	.5				.5	5.4	55.5		.0	59.1	21902

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 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

29122

MORTON AFB CALIF/SAN BERNARDINO

43-72

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR S. HD	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.0	.2				.2	8.7	47.3			52.7	2785
	03-05	.1	.7				.7	19.5	47.3			59.2	2781
	06-08	.0	.8				.8	16.7	64.2		.0	74.1	2784
	09-11	.1	.3				.3	1.9	67.5			68.7	2784
	12-14	.8	.6				.6	.1	43.6		.0	43.8	2784
	15-17	.8	.8				.8	.1	51.0		.0	51.1	2780
	18-20	.2	.5				.5	.3	54.6			54.7	2784
	21-23	.0	.1				.1	.9	48.1		.0	48.8	2779
TOTALS		.3	.5				.5	6.0	53.0		.0	56.6	22261

3 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**WEATHER CONDITIONS**

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72 SEP  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.2	1.2				1.2	16.5	47.8			56.5	2601
	03-05	.2	2.4				2.4	25.5	40.4			55.1	2604
	06-08	.2	2.5				2.5	21.5	46.1			59.6	2603
	09-11	.2	1.2				1.2	5.4	53.1			56.1	2609
	12-14	.5	.7				.7	.5	40.7		.0	40.9	2602
	15-17	.3	1.1			.0	1.1	.5	51.5		.0	51.9	2607
	18-20	.2	.8				.8	.6	58.2		.0	58.6	2606
	21-23	.1	.8				.8	3.8	53.0			54.6	2609
TOTALS		.2	1.3			.0	1.3	9.3	48.9		.0	54.2	20841

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**WEATHER CONDITIONS**

23122

MORTON AFB CALIF/SAN BERNARDINO

43-72

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	1.7				1.7	19.7	41.9			54.3	2779
	03-05		3.0				3.0	24.5	33.9			50.2	2776
	06-08	.0	2.5				2.5	22.0	36.6		.1	51.3	2773
	09-11	.0	1.9				1.9	7.1	44.5			49.4	2775
	12-14	.2	1.7				1.7	1.6	39.4			40.5	2771
	15-17	.3	1.6			.0	1.6	1.3	49.0		.1	50.2	2777
	18-20	.1	1.5				1.5	1.7	55.1			56.3	2773
	21-23	.1	1.4				1.4	8.5	48.9			54.5	2779
TOTALS		.1	1.9			.0	1.9	10.8	43.7		.0	50.8	22203

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23122      MORTON AFB CALIF/SAN BERNARDINO      43-72      NOV  
 STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.0	4.6				4.6	13.5	25.5			32.2	2692
	03-05		4.8				4.8	14.2	20.7			28.8	2691
	06-08		4.3				4.3	12.5	20.7			28.1	2692
	09-11	.1	3.8				3.8	5.1	24.7		.1	27.7	2689
	12-14	.1	3.9		.0		3.9	2.5	24.6		.0	26.5	2684
	15-17	.1	4.6		.0		4.6	2.7	29.6			32.0	2685
	18-20	.0	4.3		.0		4.3	3.6	33.6			36.4	2689
	21-23	.0	3.8				3.8	8.5	29.4			34.4	2691
TOTALS		.0	4.3		.0		4.3	7.8	26.1		.0	30.8	21513



3 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23122  
 STATION

MURTON AFB CALIF/SAN BERNARDINO  
 STATION NAME

43-72  
 YEARS

DEC  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	6.4		.0		6.4	10.1	14.7		.0	22.2	2776
	03-05	.0	6.7				6.7	10.4	13.3			21.3	2774
	06-08		5.6				5.6	10.4	13.6			21.5	2786
	09-11	.0	4.8		.0		4.8	6.1	16.2		.0	21.0	2778
	12-14	.1	4.9		.0		4.9	3.0	16.3		.1	18.7	2779
	15-17	.1	5.4			.0	5.4	2.9	19.5			21.9	2770
	18-20	.1	4.4				4.4	4.7	19.4		.0	22.7	2771
	21-23	.1	4.9				4.9	7.9	16.6			22.0	2772
TOTALS		.1	5.4		.0	.0	5.4	6.9	16.2		.0	21.4	22206

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms 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 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 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS  
 XXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

23122      NORTON AFB CALIF/SAN BERNARDINO      46-72      ALL  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	23.3	.1	1.1	.4	21.3	28.4	51.3	.1		57.0	837
FEB		.8	23.7		.4	.9	22.4	34.3	57.9		.1	61.5	763
MAR		2.3	25.1	.1	.2	.6	24.9	42.1	68.6		.1	73.4	837
APR		2.1	28.6		.1	.6	26.8	40.4	73.7			76.3	810
MAY		.8	21.7			.4	19.9	45.8	83.2			84.2	825
JUN		1.0	17.2				15.6	47.3	93.5			94.0	810
JUL		2.7	7.0				6.7	26.2	89.1			89.1	837
AUG		4.7	7.3				6.5	28.9	90.1		.1	90.2	837
SEP		2.8	11.4			.2	10.2	34.6	85.6		.1	85.7	810
OCT		2.5	13.6			.5	13.0	36.7	76.5			77.1	837
NOV		1.2	19.7		.2	.1	18.6	28.3	53.7		.2	56.5	810
DEC		1.7	21.4		.4	.5	21.4	23.2	44.8			49.5	837
TOTALS		1.9	18.3	.0	.2	.3	17.3	34.7	77.3	.0	.0	74.5	9850

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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TRIBUTION IS UNLIMITED."

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

Air Force Stations:

Beginning thru 1945 at 0800LST  
Jan 46-May 47 at 1230GMT  
Jun 57-present at 1200GMT

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

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

1 DATA PROCESSING BRANCH  
 C USAF ETAC  
 AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

23122 NORTON AFB CALIF/SAN BERNARDINO 43-76  
 STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	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	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	77.6	5.3	1.8	2.1	2.2	2.7	3.3	3.3	1.6	.2				17.1	1023	2.20	1.23	.00
FEB	73.2	8.8	1.8	3.0	1.2	4.0	2.8	3.2	2.0					18.0	956	1.97	0.46	.00
MAR	72.1	8.6	1.4	3.4	2.2	4.3	4.3	3.4	.5					19.3	1010	1.67	4.72	.00
APR	72.7	12.3	1.9	2.6	2.9	2.5	3.1	1.4	.7					15.0	977	1.12	4.79	.00
MAY	77.9	14.4	.8	2.1	1.7	1.7	.8	.5	.1					7.6	1011	.36	2.01	TRACE
JUN	83.5	12.6	1.3	1.2	.5	.6	.2							3.8	990	.08	.65	.00
JUL	92.8	5.3	.4	.5	.5	.4	.2							2.0	1023	.05	.42	.00
AUG	93.1	4.5	.2	.7	.7	.6	.1	.2						2.4	1023	.11	.98	.00
SEP	88.1	8.6	.1	.9	.6	.8	.4	.3	.2					3.3	990	.28	3.85	.00
OCT	85.0	8.1	1.1	1.3	1.2	1.5	1.1	.7	.1					6.8	1023	.43	2.07	.00
NOV	80.4	7.2	1.4	1.5	1.2	1.3	3.4	2.5	.9	.1				12.4	990	1.56	8.01	.00
DEC	77.9	6.2	1.3	2.7	1.6	3.5	2.6	2.6	1.5	.1				15.9	1023	1.94	7.75	.00
ANNUAL	81.2	0.5	1.1	1.8	1.4	2.0	1.9	1.5	.6	.0				10.3	12039	1.77	×	×

1 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

23122 STATION NORTON AFB CALIF/SAN BERNARDINO 46-76 YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	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	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	98.8	.7	.2	.1				.1	.1					.5	961	.4	7.9	.0	
FEB	99.5	.5													876	TRACE	TRACE	.0	
MAR	99.7	.2		.1										.1	930	TRACE	.6	.0	
APR	99.9	.1													900	TRACE	TRACE	.0	
MAY	99.9	.1													918	TRACE	TRACE	.0	
JUN	100.0														900	.0	.0	.0	
JUL	100.0														930	.0	.0	.0	
AUG	100.0														930	.0	.0	.0	
SEP	100.0														900	.0	.0	.0	
OCT	99.9	.1													930	TRACE	TRACE	.0	
NOV	99.7	.3													900	TRACE	TRACE	.0	
DEC	99.5	.4			.1									.1	930	.1	2.0	.0	
ANNUAL	99.7	.2	.0	.0	.0			.0	.0					.1	11005	.5	×	×	

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

23122 NORTON AFB CALIF/SAN BERNARDINO 43-76  
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.03	0.0-1.0	.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	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	99.4	.5			.1									.1	1049			
FEB	100.0														961			
MAR	99.9	.1													1023			
APR	100.0														990			
MAY	100.0														1022			
JUN	100.0														990			
JUL	100.0														1023			
AUG	100.0														1023			
SEP	100.0														990			
OCT	100.0														1022			
NOV	100.0														990			
DEC	99.9	.1													1023			
ANNUAL	99.9	.1			.0									.0	12106			



DATA PROCESSING BRANCH  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/SAC

**EXTREME VALUES**  
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

23122 STATION WRTT AFB CALIF/SAN BERNARDINO 43-76 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
43		* .00*	.00*	.00	TRACE	.07	.00	.00	TRACE	.94	.05	1.41	
44	.44	1.91	.72	1.21	.01	.02	TRACE	.00	TRACE	TRACE	1.49	.72	1.91
45	.44	1.03	.96	.38	.08	.01	.01	.90	TRACE	.10	.07	1.76	1.76
46	.10	.66	.98	.31	.03	.00	.15	TRACE	.53	.40	1.61	1.29	1.61
47	.20	.33	.34	.36	.09	TRACE	.00	TRACE	TRACE	.04	TRACE	.36	.36
48	.00	1.59	.46	1.04	1.22	.44	TRACE	.00	TRACE	.43	TRACE	.54	1.69
49	.74	.58	.28	.06	.36	TRACE	.00	.00	TRACE	.06	1.42	.67	1.42
50	.65	1.59	.59	.57*	.14	.03	TRACE	.00	TRACE	.01	.60	TRACE	1.59
51	.71	.32	.61	.58	.63	TRACE	.03	.10	.17	.92	.50	2.43	2.43
52	1.03	.25	1.52	.57	TRACE	TRACE	.01	TRACE	.50	TRACE	.98	.73	1.85
53	.55	.34	.63	1.24	.13	TRACE	TRACE	TRACE	TRACE	TRACE	.42	.35	1.24
54	1.93	1.61	.83	.10	.01	.03	.17	.02	TRACE	.00	1.65	.40	1.98
55	1.15	.71	.33	.50	.55	.02	TRACE	.05	TRACE	TRACE	.61	.72	1.15
56	4.03	.20	TRACE	1.01	.35	.00	.34	TRACE	.00	.35	.00	.23	4.03
57	1.03	.67	.48	1.26	.83	.06	TRACE	TRACE	TRACE	.57	.33	1.15	1.26
58	1.01	1.66	.70	1.58	.34	TRACE	.00	.11	.45	.17	.12	.00	1.66
59	.80	1.05	TRACE	.06	.13	TRACE	TRACE	.01	.83	TRACE	.42	.94	1.05
60	.97	.87	.19	.83	.19	TRACE	TRACE	.00	.74	.22	.40	.18	.97
61	.74	TRACE	.54	.09	.10	TRACE	TRACE	.33	TRACE	TRACE	.54	1.46	1.46
62	1.05	1.04	.41	.02	.22	.02	TRACE	.00	TRACE	.12	.01	TRACE	1.06
63	.43	1.20	.47	.81	TRACE	.36	.00	.22	1.85	.84	1.98	.17	1.98
64	.71	.20	.73	.74	.27	.17	.08	TRACE	.08	.16	1.23	.80	1.23
65	.28	.46	.67	1.10	.10	.11	.10	.12	.25	TRACE	3.79	1.14	3.79
66	.85	1.04	.39	.08	.04	TRACE	TRACE	.60	.09	.20	.80	3.93	3.93
67	1.50	TRACE	.51	.79	.15	.23	TRACE	.12	.07	TRACE	.94	.74	1.50
68	.52	.15	1.39	.46*	.23	.03	.29	.07	TRACE	.12	.37	.51	1.39
69	3.06	2.30	.56	.50	.54	.09	.14	TRACE	.26	.06	.82	.02	3.06
70	.38	.76	.85	.09	TRACE	.02	.06	.20	.00	.01	1.32	1.24	1.32
71	.41	.22	.66	.29	.31	TRACE	.02	TRACE	TRACE	.56	.24	1.78	1.78
72	.00	.02	TRACE	.07	.08	.16	.00	.13	.08	1.39	1.17	.90	1.39
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)



DATA PROCESSING BRG. OF  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

23122 STATION NORTH AFB CALIF/SAN BERNARDI ID STATION NAME 46-76 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
50	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
58	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	TRACE	.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	TRACE	.0	TRACE
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	2.0	2.0
68	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	TRACE	TRACE
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 AIR WEATHER SERVICE/TAC

**EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

23122 MURTOY AFB CALIF/SAN BERNARDINO 46-76  
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	.0	.0											
MEAN	.25	TRACE	.22	TRACE	TRACE	.00	.00	.00	.00	TRACE	TRACE	.07	.09
S.D.	1.398	.000	.110	.000	.000	.000	.000	.000	.000	.000	.000	.365	1.667
TOTAL OBS.	961	876	930	900	918	900	930	930	900	930	900	930	11005

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 AIR WEATHER SERVICE/AAC

**EXTREME VALUES**

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23122 STATION MURTON AFB CALIF/SAW BERNARDINE STATION NAME 43-76 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
43	*	0	0	0	0	0	0	0	0	0	0	0	0	0
44		0	0	0	0	0	0	0	0	0	0	0	0	0
45		0	0	0	0	0	0	0	0	0	0	0	0	0
46		0	0	0	0	0	0	0	0	0	0	0	0	0
47		0	0	0	0	0	0	0	0	0	0	0	0	0
48		0	0	0	0	0	0	0	0	0	0	0	0	0
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	TRACE	0	0	0	0	0	0	0	0	0	TRACE
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		0	0	0	0	0	0	0	0	0	0	0	0	0
63		0	0	0	0	0	0	0	0	0	0	0	0	0
64		0	0	0	0	0	0	0	0	0	0	0	0	0
65		0	0	0	0	0	0	0	0	0	0	0	0	0
66		0	0	0	0	0	0	0	0	0	0	0	0	0
67		0	0	0	0	0	0	0	0	0	0	0	0	0
68		0	0	0	0	*	0	0	0	0	0	0	0	0
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
MEAN														
S D.														
TOTAL OBS.														

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)



DATA PROCESSING BRANCH  
USAF/ETAC/DL 4  
AIR WEATHER SERVICE/AC

**EXTREME VALUES**  
XXXXXXXXXXXXXXXXXXXX  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23122 NORTH AFB CALIF/SAN BERNARDINO 43-76  
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		*.00*	.00*	.00	TRACE	.09	.00	.00	TRACE	.98	.09	5.31	
44	.29	5.23	1.51	1.30	.01	.03	TRACE	.00	TRACE	TRACE	4.71	1.44	15.72
45	.57	2.05	3.68	.40	.08	.01	.01	.98	TRACE	.14	.09	3.86	11.89
46	.10	.95	1.86	.42	.03	.00	.35	TRACE	.53	1.15	5.29	2.90	13.59
47	.26	.37	1.00	.50	.15	TRACE	.00	TRACE	TRACE	.04	TRACE	.88	3.20
48	.06	1.92	1.56	1.48	1.22	.65	TRACE	.00	TRACE	.84	TRACE	1.74	9.47
49	3.58	1.91	.97	.06	.73	TRACE	.00	.00	TRACE	.05	1.69	1.33	10.34
50	1.76	2.29	.81	.76*	.17	.03	TRACE	.00	TRACE	.02	1.32	TRACE	* 7.16
51	2.22	.41	.61	1.04	.97	TRACE	.03	.10	.19	.97	1.12	6.25	13.91
52	5.23	.37	4.72	2.57	TRACE	TRACE	.1	TRACE	.58	TRACE	3.21	2.75	19.44
53	1.42	.44	1.22	1.61	.27	TRACE	TRACE	TRACE	TRACE	TRACE	.59	.35	5.90
54	5.75	2.38	4.29	.17	.01	.02	.18	.03	TRACE	.00	2.11	.80	15.55
55	3.84	1.37	.33	1.01	.79	.02	TRACE	.05	TRACE	TRACE	1.10	1.17	9.73
56	5.73	.29	TRACE	1.31	.38	.00	.34	TRACE	.00	.37	.00	.41	8.88
57	5.43	1.30	.80	1.84	2.01	.08	TRACE	TRACE	TRACE	2.07	.38	2.90	16.81
58	1.33	5.02	4.68	3.49	.34	TRACE	.00	.17	.99	.24	.14	.00	16.40
59	.32	3.12	TRACE	.10	.23	TRACE	TRACE	.01	.83	TRACE	.67	2.62	8.40
60	2.14	2.69	.45	1.10	.35	TRACE	TRACE	.00	.89	.36	1.28	.21	9.47
61	.75	TRACE	1.38	.15	.16	TRACE	TRACE	.35	TRACE	TRACE	1.23	1.79	5.81
62	1.95	4.90	1.71	.03	.54	.03	TRACE	.00	TRACE	.13	.01	TRACE	9.30
63	.71	2.47	1.62	2.15	TRACE	.43	.00	.22	3.85	1.83	2.69	.17	16.14
64	1.47	.26	2.30	1.16	.32	.17	.08	TRACE	.09	.20	2.10	1.38	9.23
65	.55	.46	1.71	4.79	.14	.11	.10	.12	.48	TRACE	8.01	3.10	19.57
66	.85	1.60	.51	.15	.09	TRACE	TRACE	.60	.09	.35	.82	7.75	12.80
67	3.02	TRACE	1.26	3.96	.28	.25	TRACE	.34	.07	TRACE	2.75	1.60	13.53
68	1.01	.32	1.94	1.11*	.35	.03	.42	.07	TRACE	.15	.37	.93	* 6.70
69	11.23	10.46	.97	1.11	1.13	.14	.14	TRACE	.26	.06	1.46	.04	27.00
70	1.05	1.60	2.98	.12	TRACE	.03	.06	.20	.00	.01	2.97	3.29	12.32
71	.75	.48	.66	.69	.69	TRACE	.02	TRACE	TRACE	1.04	.24	4.29	8.86
72	.00	.32	TRACE	.10	.12	.27	.00	.25	.18	1.78	2.86	1.44	7.02
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)





DATA PROCESSING BRANCH  
 USAF/ETAC/OL A  
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23122 (L. RTD) APO CALIF/SAN BERNARDINO 46-76  
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
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
49	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9
50	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	* .00
51	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
58	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
68	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	* .00
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH  
 USAF/ETAC/DLA  
 AIR WEATHER SERVICE/AG

XXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23122 STATION NORTH AF. CALIE/SAL. FERNARDI/2 46-76 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
76	..	..											
MEAN	.41	TRACE	.02	TRACE	TRACE	.00	.00	.00	.00	TRACE	TRACE	.07	.51
S. D.	1.627	.00	.110	.000	.000	.000	.000	.000	.000	.000	.000	.365	1.673
TOTAL OBS.	961	876	930	900	918	900	930	930	900	930	900	930	11005

.GTE \* (BASED ON < FULL MONTHS)

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## 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 ~~1968~~ <sup>JUNE 1968</sup> and in tens of degrees starting in ~~January 1968~~ <sup>JULY 1968</sup>. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

23122 STATION    MORTON AFB CALIF/SAI; BERNARDI INI    STATION NAME    46-72    YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
46	SE 50											64	
47	SE 49	SE 73	18NNW 37	26	NE 70		SE 32		19NE 32	NE 48	NNW 40		
48				NNW 29	SW 26	SW 23	SSW 20	SSW 23	SW 23	SW 57	NNW 51	SW 30	
49	NNW 49	NE 29	NE 28	NE 47	SW 33	NNW 48	WSW 21		NE 30	W 33	W 25	W 50	
50	NNW 42	53		NNW 31		SSW 22	SW 36	SW 21	NE 33	SW 28	W 30		
51	W 36		W 30	WSW 30		NNW 28	W 28	WSW 56	WSW 21	NE 39	NE 28	W 49	
52	NNW 32	NNW 49	47	WSW 24	W 40	W 20	WSW 20	WSW 17	SE 39	WSW 16	NNW 45	NNW 34	NNW 49
53	W 39	W 50	W 34	WSW 22	W 40	SE 16	SW 14	SW 15	SW 14	NNW 28	W 28	E 60	E 60
54	NE 26	W 30	NNW 30	SW 17	NE 21	W 23	W 6	W 18	NNW 22	NNW 23	W 32	W 51	
55	W 41	NNW 51	NNW 37	WSW 37	W 35	WSW 23	W 21	WSW 24	WSW 26	W 20	WSW 38	WSW 19	NNW 51
56	SE 21	W 48	NNW 45	WSW 27	W 34	WSW 26	WSW 18	WSW 18	WSW 18	W 30	NNW 47	NNW 48	NNW 48
57	NNW 44	WSW 23	W 41	WSW 43	WSW 24	SE 35	WSW 39	WSW 23	WSW 26	NNW 13	W 5	W 31	
58			W 30	NNW 28	NNW 22	WSW 20	WSW 24	WSW 18	SW 32	WSW 16	WSW 32	NE 36	
59	W 32	W 20	W 39	NNW 23	WSW 24	W 19	W 21	W 20	SE 47	W 40	NNW 37	NNW 42	E 47
60	W 36	NNW 35	NE 37	W 30	WSW 21	WSW 34	WSW 21	WSW 20	WSW 60	W 40	NE 40	W 40	SW 60
61	NNW 30	NNW 44	NE 34	NNW 31	W 23	WSW 34	WSW 19	WSW 28	NNW 31	W 34	WSW 40	SE 21	NNW 44
62	NNW 42	NNW 33	NNW 31	WSW 32	WSW 29	WSW 20	NNW 21	WSW 20	WSW 20	WSW 21	WSW 35	NNW 28	NNW 42
63	NE 46	NNW 51		WSW 35	WSW 23	WSW 20	WSW 20	WSW 18	SE 28	W 25	NNW 36	NE 27	
64	W 40	NNW 51	W 45	WSW 27	WSW 33	WSW 22	WSW 26	WSW 20	NNW 33	NNW 27	NNW 35	NNW 29	NNW 51
65	NNW 44	W 47	W 30	NNW 30	WSW 26	WSW 19	WSW 23	ENE 29	NNW 26	NNW 27	WSW 29	SE 36	NNW 47
66	NE 43	W 49	WSW 28	NNW 30	WSW 24	WSW 22	WSW 26	WSW 25	NNW 34	NE 28	NNW 39	W 39	NNW 49
67	W 37	W 32	WSW 27	WSW 25	SE 28	SE 20	ENE 20	SE 34	SE 22	NNW 36	SE 22	W 39	NNW 39
68	W 27	W 17	W 33	WSW 35	W 20	WSW 22	WSW 20	WSW 23	WSW 28	WSW 36	WSW 1	WSW 34	WSW 30
69	1/ 30	2/ 33	3/ 36	4/ 32	5/ 29	6/ 24	7/ 19	8/ 22	9/ 21	10/ 30	11/ 37	12/ 36	1/ 49
70	1/ 30	2/ 50	3/ 34	4/ 29	5/ 27	6/ 26	7/ 22	8/ 22	9/ 30	10/ 31	11/ 33	12/ 34	1/ 29
71	2/ 42	2/ 32	3/ 34	4/ 36	5/ 38	6/ 25	7/ 26	8/ 19	9/ 20	10/ 24	11/ 21	12/ 36	1/ 37
72	3/ 36	4/ 35	5/ 32	6/ 28	7/ 30	8/ 27	9/ 25	10/ 20	11/ 23	12/ 28	1/ 19	2/ 37	3/ 48
MEAN	38.4	36.3	35.5	36.6	27.3	24.0	22.8	23.5	20.2	32.4	35.9	38.9	47.9
S D	10.087	11.000	8.493	6.313	6.084	7.021	5.346	6.402	9.852	5.119	6.700	11.137	6.373
TOTAL OBS.	769	648	784	771	779	743	732	769	771	795	742	802	8988

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**EXTREME VALUES**

SUPPOT 1105  
 (FROM DAILY OBSERVATIONS)

23122 STATION NORTON AFB CALIF/SAN BERNARDINE 46-72 YEARS

DAILY PEAK GUSTS IN KNOTS  
 BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
46	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
47	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
48		43	43	0	0	0	0	0	0	0	0	0	WINDS DAYS
49		5	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
50							WSW 27 25						WINDS DAYS
51	HNW 43 27	0	SSW 29 23			SSW 22 13							WINDS DAYS
52								SSW 23 27					WINDS DAYS
53			E 20 17		SW 31 10							HW 22 27	WINDS DAYS
54		42 24			WSW 23 27								WINDS DAYS
55							WSW 19 24						WINDS DAYS
56											43 26		WINDS DAYS
57	32SW 27 23	21											WINDS DAYS
58			33 21										WINDS DAYS
MEAN													
S.D.													
TOTAL OBS.													



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.8	.5	.6	.8	.7	.5	.1	.0				4.0	12.3
NNE	.7	.5	.3	.3	.2	.1	.0	.0				2.2	8.9
NE	1.6	2.0	.6	.1	.1	.1						4.5	5.2
ENE	1.9	2.4	.3	.0	.0							4.7	4.1
E	4.4	4.9	1.6	.1	.0							11.0	4.4
ESE	2.5	2.5	1.3	.1	.0							6.4	4.7
SE	2.2	2.2	1.3	.2	.0	.0	.0					5.9	5.1
SSE	.5	.7	.4	.1	.0							1.8	5.4
S	.8	.7	.3	.1	.0							1.8	4.7
SSW	.6	.5	.2	.0	.0							1.3	4.5
SW	1.3	1.6	.9	.1	.0							4.0	5.2
WSW	1.1	1.5	.8	.1	.0							3.5	5.2
W	1.4	1.5	.8	.2	.0							3.8	5.0
WNW	.5	.6	.3	.1	.0							1.5	5.4
NW	.7	.6	.6	.3	.1	.1	.0	.0				2.4	8.1
NNW	.3	.4	.4	.4	.3	.1	.0	.0				1.9	10.4
VARBL													
CALM												39.2	
	21.3	23.1	10.6	3.1	1.6	.9	.2	.1				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 21814

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122 STATION    MCRTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	.8	.5	.7	.9	.8	.4	.1	.0				4.3	12.1
NNE	.6	.4	.4	.4	.3	.2	.1	.0				2.2	10.1
NE	1.3	1.2	.5	.2	.1	.0						3.3	5.3
ENE	1.4	2.0	.4	.0	.0	.0	.0					3.9	4.5
E	3.8	3.5	1.7	.1	.0	.0						9.0	4.5
ESE	2.3	1.8	.8	.2	.0	.0						5.1	4.6
SE	2.2	1.9	1.1	.2	.0							5.3	4.9
SSE	.6	.5	.3	.2	.0							1.5	5.8
S	.9	.6	.5	.1	.0							2.0	5.0
SSW	.5	.6	.3	.1	.0							1.5	5.0
SW	1.7	2.4	2.0	.3	.0	.0						6.4	5.7
WSW	1.2	2.1	1.6	.2	.0							5.1	5.7
W	1.5	2.1	1.6	.2	.0							3.5	5.6
WNW	.7	.7	.4	.2	.1	.0						2.0	5.7
NW	.7	.7	.5	.4	.2	.0	.0	.0				2.5	7.7
NNW	.3	.3	.4	.5	.2	.1	.0					2.0	11.3
VARBL													
CALM												38.3	
	20.4	21.4	13.1	3.9	1.8	.9	.2	.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 20000



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.6	.5	.5	.6	.4	.2	.0	.0				2.9	10.6
NNE	.4	.3	.3	.3	.2	.1	.0					1.6	9.3
NE	1.0	.8	.3	.1	.1	.0	.0					2.3	5.6
ENE	1.0	1.0	.2	.0	.0							2.3	4.2
E	3.0	2.5	1.0	.1	.0							6.6	4.3
ESE	1.8	1.6	.8	.1								4.3	4.5
SE	1.9	1.5	.9	.1	.0	.0						4.5	4.9
SSE	.6	.5	.3	.1	.0		.0					1.4	5.1
S	.9	.6	.4	.1	.0							2.0	4.7
SSW	.6	.7	.5	.1	.0							1.9	5.3
SW	2.0	3.5	2.7	.5	.1	.0						8.7	6.0
WSW	1.5	2.1	3.1	.7	.0	.0						8.5	6.6
W	2.0	3.5	3.2	.7	.0							7.5	6.1
WNW	.7	.9	.6	.1	.0	.0						2.4	5.5
NW	.7	.7	.4	.2	.1	.0						2.1	6.2
NNW	.3	.3	.3	.4	.2	.0	.0					1.5	10.1
VARBL													
CALM												37.6	
	19.0	22.0	15.6	4.2	1.2	.4	.1	.0				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 22078

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

STATION 23122 STATION NAME MCRTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L S T) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.4	.4	.4	.2	.1	.0					2.1	9.1
NNE	.3	.2	.1	.1	.0	.0	.0					.9	7.0
NE	.8	.4	.1	.1	.0	.0	.0					1.5	4.7
ENE	.9	.8	.1	.0	.0							1.8	3.7
E	2.5	1.5	.5	.0	.0							4.5	3.9
ESE	1.1	1.0	.3	.0	.0	.0						2.5	4.4
SE	1.3	.9	.4	.1								2.6	4.3
SSE	.5	.3	.2	.0	.0							1.0	4.7
S	1.0	.6	.3	.1								1.9	4.5
SSW	.8	.8	.7	.1	.0	.0						2.4	5.4
S'	2.7	3.9	3.5	.7	.1	.0						10.9	6.1
WSW	1.7	3.9	4.3	1.3	.1	.0						11.4	7.0
W	2.2	4.3	4.6	1.4	.0							12.5	6.8
WNW	.6	1.2	.7	.2	.0							2.7	5.9
NW	.8	.8	.4	.2	.0	.0						2.2	5.7
NNW	.3	.3	.2	.3	.1	.0						1.3	8.2
VARBL													
CALM												37.8	
	18.2	21.3	16.8	5.0	.7	.2	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 20797

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.5	.3	.2	.2	.1	.1						1.3	7.6
NNE	.3	.2	.1	.1	.0	.0						.7	6.8
NE	.5	.3	.1	.0	.0	.0						.9	4.6
ENE	.4	.3	.1									.9	3.9
E	1.5	.9	.3	.0								2.7	3.9
ESE	.6	.5	.2	.0								1.3	4.5
SE	.9	.6	.2	.0	.0							1.7	4.1
SSE	.3	.2	.1	.0								.5	4.4
S	.9	.3	.2	.0								1.4	4.1
SSW	.8	.7	.5	.1								2.1	5.1
SW	2.9	3.9	3.6	.6	.0							11.1	6.0
WSW	2.2	4.4	5.7	1.6	.1							13.9	7.0
W	2.9	5.8	6.3	1.5	.0	.0						16.5	6.6
WNW	1.0	1.6	1.1	.2	.0							3.9	5.7
NW	1.0	1.2	.5	.2	.0	.0						2.9	5.3
NNW	.4	.3	.1	.1	.0	.0						1.0	5.9
VARBL													
CALM												37.3	
	16.9	21.4	19.2	4.5	.4	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 22181

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23122 STATION NAME NOPT:IN AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.2	.1	.0	.1	.0	.0					.8	6.0
NNE	.2	.1	.0	.0		.0	.0					.4	5.2
NE	.5	.1	.0	.0	.0	.0						.7	4.0
ENE	.4	.1	.0									.7	3.3
E	1.3	.5	.1									1.9	3.5
ESE	.5	.2	.1									.8	3.6
SE	.9	.2	.1									1.2	3.3
SSE	.2	.1	.0									.4	3.6
S	.7	.2	.1	.0								1.0	3.6
SSW	.9	.5	.6	.1								2.0	5.1
SW	2.9	3.5	4.0	.7	.0							11.1	6.1
WSW	2.6	5.5	6.8	1.5	.0							16.4	6.8
W	3.8	6.3	7.5	1.5	.0							19.1	6.5
WNW	1.0	1.7	1.0	.2								3.9	5.5
NW	.9	1.0	.5	.1	.0							2.4	4.7
NNW	.3	.3	.1	.0	.0							.8	4.3
VARBL													
CALM												36.6	
	17.6	20.6	20.9	4.1	.2	.0	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 21202

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTHON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.3	.1	.0									.4	3.2
NNE	.1	.0	.0	.0								.2	3.7
NE	.3	.1	.0									.4	3.3
ENE	.4	.1	.0	.0								.6	3.2
E	1.1	.4	.1	.0								1.6	3.3
ESE	.4	.1	.0	.0								.6	3.3
SE	.7	.2	.0	.0								.9	3.4
SSE	.2	.1	.0	.0	.0	.0	.0					.3	4.1
S	.6	.2	.0	.0								.9	3.3
SSW	.7	.5	.5	.1								1.8	5.1
SW	2.7	3.7	4.7	.9	.0							12.0	6.4
WSW	3.0	5.1	7.6	1.8	.0							17.4	7.0
W	2.8	4.7	7.0	1.3	.0							15.8	6.7
WNW	.9	1.4	.9	.1								3.4	5.4
NW	.8	.7	.3	.0								1.8	4.5
NNW	.2	.1	.0									.4	3.6
VARBL													
CALM												41.6	
	19.2	17.6	21.3	4.3	.1	.0	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

21902

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION      MORTON AFB CALIF/SAN BERNARDINO STATION NAME      43-72 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	.1	.0		.0							.5	3.5
NNE	.1	.1	.0									.2	3.9
NE	.4	.0	.0									.5	3.0
ENE	.7	.1	.0		.0							.8	3.2
E	1.5	.5	.1	.0	.0							2.1	3.6
ESE	.8	.2	.0	.0		.0						1.1	3.4
SE	.8	.2	.1	.0								1.1	3.5
SSE	.3	.1	.0	.0								.4	3.6
S	.5	.2	.1	.0								.8	3.7
SSW	.8	.4	.5	.0								1.7	4.8
SW	2.5	3.3	4.1	.6	.0							10.6	6.2
WSW	2.6	4.9	7.2	1.8	.0							16.5	7.0
W	2.7	4.7	6.2	1.2	.0							14.8	6.6
WNW	.9	1.2	.8	.1								3.0	5.3
NW	.7	.5	.3	.0								1.5	4.2
NNW	.3	.1	.0									.4	3.2
VARBL													
CALA												44.0	
	15.8	16.7	19.6	3.9	.1	.0						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 22262

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 NORTHON AFB CALIF/SAN BERNARDINO 43-72 SEP  
STATION STATION NAME YEARS NORTH

ALL FATHER  
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	.4	.2	.1	.1	.0	.0						.9	6.4
NNE	.2	.1	.1	.1	.1	.0	.0					.7	7.8
NE	.8	.2	.0	.0		.0						1.1	3.6
ENE	.9	.3	.1	.0	.0							1.3	3.5
E	2.1	.9	.4	.0	.0	.0						3.5	3.9
ESE	1.2	.6	.2	.0	.0	.0	.0					2.1	4.0
SE	1.1	.5	.1	.0	.0							1.8	3.8
SSE	.4	.2	.1	.0								.6	4.1
S	.6	.3	.1	.1		.0						1.0	4.4
SSW	.6	.5	.4	.2								1.5	5.0
SW	2.2	2.9	2.9	.5	.0							8.5	5.9
WSW	2.1	4.1	5.4	1.3	.0							12.8	6.9
W	2.7	4.4	4.7	.3	.0							12.6	6.3
WNW	1.0	1.1	.8	.1								3.0	5.2
NW	.8	.7	.3	.1	.0							1.8	4.6
NNW	.3	.2	.1	.0	.0	.0						.7	5.5
VARBL													
CALM												46.0	
	17.4	17.3	15.8	3.2	.3	.1	.0					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 20845

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 MORTON AFB CALIF/SAN BERNARDINO STATION NAME 43-72 YEARS PCT MONTH ALL  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.4	.5	.5	.2	.0	.0					2.1	9.2
NNE	.4	.2	.2	.2	.1	.0	.0					1.3	8.4
NE	1.2	.7	.2	.1	.0	.0						2.3	4.4
ENE	1.4	.8	.2	.0	.0	.0						2.3	3.5
E	3.2	1.9	.6	.0	.0							5.8	3.9
ESE	1.6	1.1	.3	.0	.0							3.0	3.8
SE	1.8	.8	.4	.1		.0						3.0	4.0
SSE	.5	.3	.2	.0	.0							1.1	4.5
S	.8	.3	.1	.1	.0							1.3	4.3
SSW	.7	.4	.2	.0								1.4	4.4
SW	2.0	2.4	1.9	.2	.0	.0						6.5	5.5
WSW	2.0	3.3	2.8	.4	.0	.0						8.5	5.9
W	2.6	3.5	2.6	.3	.0	.0						9.0	5.5
WNW	1.0	1.1	.6	.1								2.7	4.8
NW	.8	.8	.5	.1	.0							2.2	5.5
NNW	.4	.3	.3	.2	.1							1.3	7.0
VARBL													
CALM												46.1	
	20.9	18.3	11.6	2.4	.5	.1	.0					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 22203



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23122 STATION NAME MOJAVE AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.5	.7	.5	.2	.0	.0				3.1	10.9
NNE	.6	.2	.3	.3	.2	.1	.0					2.1	8.8
NE	1.5	1.3	.4	.2	.1	.0	.0					3.5	5.1
ENE	1.7	1.8	.3	.0	.0	.0						3.9	4.1
E	3.9	4.1	1.3	.1	.0							9.5	4.4
ESE	2.4	1.8	.9	.1	.0							5.2	4.5
SE	2.5	2.0	1.1	.1	.0							5.7	4.6
SSE	.8	.6	.4	.1	.0							1.8	4.8
S	.8	.2	.3	.0								1.5	4.3
SSW	.6	.4	.3	.0	.0							1.3	4.5
SW	1.4	1.8	1.0	.1	.0							4.4	5.0
WSW	1.4	1.9	1.0	.1	.0							4.3	5.1
W	1.6	2.1	.9	.1	.0							4.7	4.9
WNW	.8	.7	.3	.0	.0							1.8	4.7
NW	.8	.5	.5	.3	.1	.1	.0					2.2	7.0
NNW	.4	.4	.4	.3	.2	.1	.0					1.8	9.6
VARBL													
CALM												43.3	
	21.7	21.0	9.6	2.6	1.1	.6	.1	.0				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 21514

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 MILITARY AIRFIELD/SAN BERNARDINO STATION NAME 43-72 YEARS DEC MONTH  
 CLASS ALL WEATHER HOURS (L & T.) ALL  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.0	.8	.9	.4	.2	.1	.0				3.7	10.4
NNE	.7	.5	.5	.5	.3	.1	.0					2.6	9.7
NE	2.0	1.9	.5	.2	.0	.0	.0					4.7	4.8
ENE	2.0	2.5	.5	.0	.0							5.0	4.2
E	4.9	4.9	1.8	.1	.0		.0					11.7	4.4
ESE	2.7	2.4	1.0	.1	.0							6.3	4.4
SE	2.4	2.3	1.3	.1	.0	.0						6.2	4.9
SSE	.7	.5	.2	.1	.0	.0						1.5	4.7
S	.9	.5	.3	.0	.0	.0						1.7	4.4
SSW	.5	.4	.2	.0								1.2	4.6
SW	1.4	1.4	.8	.2								3.7	5.1
WSW	1.0	1.2	.5	.1	.0							2.8	4.9
W	1.2	1.3	.6	.1	.0	.0						3.3	4.8
WNW	.5	.4	.2	.0	.0	.0						1.2	5.1
NW	.6	.6	.6	.2	.1	.0	.0					2.1	6.8
NNW	.3	.4	.5	.4	.2	.1	.0					1.8	9.6
VARBL													
CALM												40.5	
	22.4	21.9	10.4	3.1	1.1	.5	.1	.0				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 22207

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

44-72  
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	.4	.3	.4	.7	.3	.2	.1					2.3	11.6
NNE	.3	.6	.3	.2	.1	.1		.0				1.7	8.4
NE	2.5	3.3	.4	.1	.1	.1						6.5	4.7
ENE	3.0	4.1	.3	.1								7.5	4.0
E	7.0	7.6	2.6	.2								17.4	4.4
ESE	3.5	3.5	1.8	.1								8.9	4.6
SE	2.5	3.2	1.0	.1								6.8	4.7
SSE	.6	.9	.3	.1								1.9	4.8
S	.8	.4	.1									1.3	3.7
SSW	.1	.3	.1									.6	4.8
SW	.2	.2	.3	.0	.0							.8	6.5
WSW	.1	.2	.1	.0								.5	5.6
W	.2	.2	.1	.1								.6	5.9
WNW	.1	.2	.0	.0								.4	5.6
NW	.2	.2	.2	.1	.1	.1	.0	.0				1.0	10.9
NNW	.0	.1	.0	.1	.1	.1						.4	12.7
VARBL													
CALM												41.4	
	21.6	25.4	8.2	2.0	.7	.6	.1	.1				100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2681



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.6	.5	.4	.3	.2	.4	.1					2.4	11.0
NNE	1.3	.7	.1	.2	.1	.3						2.8	7.4
NE	2.9	2.8	.7	.0	.1	.0						6.5	4.4
ENE	2.7	4.0	.6									7.3	4.1
E	7.2	6.7	2.0	.1	.0							16.1	4.2
ESE	3.9	4.0	1.8	.1								9.8	4.5
SE	2.5	2.7	1.0	.1								6.3	4.4
SSE	.7	.8	.3	.1								1.8	5.1
S	.7	.7	.1	.0								1.5	4.1
SSW	.3	.3	.1									.7	4.1
SW	.5	.3	.2									1.0	4.3
WSW	.2	.1	.2									.5	5.1
W	.3	.1	.1									.5	4.9
WNW	.2	.1	.1	.0								.4	5.8
NW	.3	.4	.3	.2	.1	.1						1.4	9.5
NNW	.4	.2	.2	.1	.2		.1					1.2	9.5
VARBL													
CALM												39.8	
	24.6	24.2	8.2	1.4	.0	.8	.2					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2752

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	1.7	.5	.4	.7	.7	.6	.1	.0				4.7	11.0
NNE	1.6	.6	.1	.2	.1	.2	.1					2.9	6.8
NE	2.4	.8	.4	.0	.1	.0						3.8	4.6
ENE	1.9	.8	.1									2.7	3.2
E	2.5	1.6	.7	.1								4.8	4.1
ESE	2.0	1.0	.9	.1								4.1	4.5
SE	2.0	1.2	1.0	.3	.0							4.5	5.3
SSE	.7	.7	.3	.1								1.8	3.1
S	.9	.8	.4	.1								2.1	4.6
SSW	.6	.3	.1	.0								1.1	4.1
SW	1.9	1.5	.6	.0								4.0	4.4
WSW	1.1	.6	.2	.1								2.0	4.7
W	1.6	1.6	.4	.1								3.7	4.3
WNW	.8	.3	.0		.1							1.3	4.0
NW	.9	.6	.4	.2	.2	.1	.1					2.5	8.0
NNW	1.0	.5	.2	.4	.3	.2						2.5	8.3
VARBL													
CALM												51.3	
	23.6	13.4	6.2	2.6	1.5	1.2	.3	.0				100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

2751

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122 STATION    MORTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	1.0	.6	.6	1.0	1.4	1.3	.2	.1				6.1	14.8
NNE	.7	.3	.2	.3	.4	.2		.1				2.1	11.3
NE	.5	.6	.3	.1	.1							1.5	5.7
ENE	.7	.2	.3	.0	.0							1.2	4.9
E	.8	.8	.4	.1								2.0	5.2
ESE	.4	.7	.4	.1	.0							1.7	6.4
SE	.9	.8	1.1	.4	.0							3.2	6.3
SSE	.4	.3	.5	.1								1.3	6.4
S	.9	1.0	.5	.3								2.7	5.5
SSW	1.2	1.1	.4	.2								3.0	4.9
SW	3.1	3.8	2.7	.3								9.9	5.3
WSW	2.5	4.1	1.9	.2	.1							8.9	5.2
W	4.1	4.4	1.7	.4	.0							10.6	4.7
WNW	1.7	1.6	.6	.0	.1							4.1	4.5
NW	1.9	1.3	.7	.5	.3	.3	.1	.0				5.0	7.9
NNW	.5	.7	.5	.6	.8	.2						3.3	11.6
VARBL													
CALM												33.4	
	21.1	22.2	12.9	4.7	3.3	2.0	.3	.2				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2752





DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

LORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.0	.5	.8	.7	.6	.3	.1					3.8	10.5
NNE	.4	.5	.4	.4	.2							2.0	8.4
NE	.9	1.4	1.2	.1	.1	.1						3.8	6.4
ENE	1.4	2.4	.6	.0								4.4	4.6
E	4.5	6.2	1.8	.1	.0							12.6	4.5
ESE	2.9	2.0	1.5	.3								7.8	4.8
SE	3.3	2.7	1.5	.3	.0	.0						7.8	4.9
SSE	.4	1.0	.3	.1								1.8	5.2
S	1.1	1.0	.3	.0								2.4	4.3
SSW	.8	.3	.1									1.2	3.7
SW	.7	1.4	.9	.1								3.3	5.3
WSW	1.3	1.2	.5	.0								3.0	4.5
W	1.2	1.2	.6	.2	.0							3.3	5.1
WNW	.3	.4	.2	.1								.9	5.8
NW	.8	.6	.2	.3	.0	.1						2.0	6.7
NNW	.1	.4	.3	.5	.2	.1						1.6	11.1
VARBL													
CALM												38.4	
	21.1	24.1	11.2	3.3	1.2	.5	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2733



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEARS 44-72 MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.4	.7	.5	.3	.1	.1					2.5	10.4
NNE	.5	.5	.4	.5	.2	.1						2.1	9.0
NE	1.7	2.3	.6	.2								4.9	4.7
ENE	2.4	3.8	.5	.0			.0					6.8	4.3
E	6.0	5.5	1.9	.1								13.4	4.3
ESE	3.4	2.8	.9	.2								7.2	4.3
SE	2.8	2.8	1.1	.1	.0							6.9	4.5
SSE	.8	.4	.0	.2								1.4	4.3
S	.6	.2	.1									.8	3.2
SSW	.5	.1	.1									.7	3.6
SW	.4	.6	.2	.0								1.3	4.8
WSW	.3	.6	.0	.0								.9	4.8
W	.4	.3	.2									.9	4.7
WNW	.1	.2	.2	.2	.0							.7	8.3
NW	.3	.2	.3	.3								1.2	7.3
NNW	.2	.3	.3	.2	.0							1.1	8.1
VARBL													
CALM												47.2	
	20.9	21.0	7.6	2.5	.6	.2	.1					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2432

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 29122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.4	.8	.7	.4	.3	.1	.0				3.2	11.4
NNE	.8	.4	.2	.5	.4	.2						2.5	9.3
NE	2.1	2.1	.4	.0		.0						4.7	4.2
ENE	2.7	4.0	.6	.0								7.3	4.2
E	6.0	5.6	2.7	.1	.1							14.4	4.5
ESE	3.3	3.0	1.0	.1	.0							7.5	4.3
SE	2.6	2.5	1.1	.2								6.5	4.6
SSE	.5	.6	.2	.1	.0							1.5	5.2
S	.2	.3	.1									.9	3.7
SSW	.1	.2										.3	3.6
SW	.4	.4	.4	.0								1.2	5.4
WSW	.2	.2	.2	.0								.6	5.9
W	.3	.2	.2									.8	4.9
WNW	.1	.1	.1	.1	.1							.6	9.8
NW	.2	.2	.4	.2	.2	.0						1.2	9.4
NNW	.2	.2	.2	.3	.3	.0						1.2	11.2
VARBL													
CALM												45.7	
	20.7	20.2	8.8	2.4	1.4	.6	.1	.0				100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2501

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	1.0	.4	.5	.5	.9	.3	.0	.0				3.7	11.6
NNE	1.0	.6	.5	.2	.1	.1						2.5	6.8
NE	2.5	2.2	.6	.2	.0	.0						5.5	4.5
ENE	2.4	3.0	.6									6.0	4.2
E	6.7	5.4	1.9	.2								14.1	4.2
ESE	3.5	2.1	1.0	.2		.1						6.9	4.5
SE	3.6	2.2	.7	.3	.0							6.8	4.4
SSE	.6	.6	.2	.1								1.5	4.8
S	.8	.4	.4	.0								1.5	4.4
SSW	.2	.2	.0	.0								.5	4.3
SW	.6	.4	.2									1.3	4.3
WSW	.4	.1	.0									.6	3.1
W	.5	.3	.1		.0							.9	4.4
WNW	.1	.3	.0	.0								.5	4.8
NW	.4	.3	.2	.3	.3							1.5	9.2
NNW	.2	.3	.4	.3	.2	.0						1.4	9.9
VARBL													
CALM												44.8	
	24.3	18.9	7.4	2.3	1.6	.6	.0	.0				100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2520

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23122 NAME MCPTN AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH FEB  
 CLASS ALL WEATHER MONTH 0900-1100  
 NOVA (L S T.)  
 CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-31	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	.7	.6	1.0	1.2	.6	.2					6.1	11.3
NNE	1.1	.7	.2	.2	.3	.4	.1					3.0	9.5
NE	1.5	.6	.3	.2	.1	.1						2.8	5.9
ENE	1.0	.7	.0	.1		.0						1.9	4.3
E	2.0	1.4	.7	.1								4.2	4.4
ESE	1.2	1.1	.6	.3	.0							2.9	5.7
SE	1.6	1.2	1.2	.2								4.1	5.2
SSE	.5	.3	.4	.2	.0							1.5	6.4
S	1.8	.6	.4									2.9	3.8
SSW	.7	.6	.4	.1	.0							1.9	5.3
SW	2.3	2.0	1.0	.0								5.3	4.5
WSW	1.1	1.3	.6	.1								3.1	4.9
W	2.6	1.7	1.0	.1	.0							5.4	4.4
WNW	1.7	.6	.4	.2	.1							3.0	4.6
NW	1.6	.7	.2	.5	.2	.0	.0					3.3	7.0
NNW	.6	.2	.2	.4	.5	.2	.0					2.1	12.1
VARBL													
CALM												46.6	
	23.1	14.0	8.3	3.6	2.5	1.4	.4					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2519

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION MURTEN AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH FFB  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.5	.7	1.0	1.6	1.3	.2	.1				6.1	15.4
NNE	.4	.2	.2	.2	.5	.2	.2					1.9	14.3
NE	.5	.5	.2	.2	.2	.0						1.5	7.7
ENE	.4	.2	.1		.0							.7	5.0
E	.8	.7	.9	.1	.0	.0						2.5	5.9
ESE	.4	.5	.4	.2								1.6	5.9
SE	.8	.6	.7	.4	.0							2.5	6.6
SSE	.3	.2	.4	.3	.1							1.2	8.6
S	1.2	1.1	1.1	.2	.0							3.6	5.9
SSW	1.0	1.6	.8	.1								3.4	5.2
SW	3.1	5.6	5.0	.6	.0							14.4	5.9
WSW	2.6	4.1	3.2	.3								10.2	5.6
W	3.6	5.0	2.9	.4	.0							12.1	5.4
WNW	1.8	1.9	.6	.3	.1	.0						4.7	5.1
NW	1.5	1.7	1.0	.7	.4	.0						5.4	7.1
NNW	.4	.5	.7	.9	.7	.5	.1					3.8	13.4
VARBL													
CALM												24.6	
	19.5	24.9	18.8	5.7	3.7	2.2	.6	.1				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2515

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION NORTH IN AFB CALIF / SAN BERNARDINO 43-72 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	.4	.7	1.3	1.6	1.3	.6	.2					6.1	13.3
NNE	.2	.2	.5	.6	.2	.3	.1	.0				2.1	14.5
NE	.1	.2	.4	.2	.1	.0						1.0	9.5
ENE	.1	.2	.2	.0		.0						.6	7.3
E	.3	.3	.6	.1								1.4	6.5
ESE	.4	.5	.4	.0	.0							1.4	5.9
SE	.7	1.0	1.2	.1	.0							3.1	6.2
SSE	.7	.6	.8	.2	.1							2.4	6.7
S	.6	.8	1.4	.1	.0							3.0	6.6
SSW	.8	1.0	.5	.3								2.6	5.8
SW	2.8	6.7	7.1	1.0		.0						17.8	6.4
WSW	1.8	6.7	6.3	1.3	.1							16.2	6.7
W	2.0	5.5	6.3	1.1	.0							14.9	6.8
WNW	.6	1.2	1.1	.5								3.4	6.7
NW	.7	1.3	1.2	.6	.2	.1	.1	.0				4.3	8.9
NNW	.2	.6	.7	.9	.7	.2						3.4	12.3
VARBL													
CALM												16.5	
	12.3	27.7	30.0	8.8	2.9	1.3	.4	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2506



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

FFB  
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	.7	1.2	1.1	.3	.2						4.0	9.9
NNE	.2	.3	.6	.6	.2	.0						1.9	10.0
NE	.8	.8	.7	.1	.0	.0						2.4	5.9
ENE	.8	1.4	.6		.0	.1	.0					3.0	5.8
E	3.1	3.9	2.1	.0								9.2	4.8
ESE	1.7	2.1	.0	.2								4.8	4.9
SE	2.1	2.1	1.1	.1								5.4	4.8
SSE	.6	.6	.1	.1								1.4	4.9
S	.5	.5	.4	.0	.0							1.7	5.4
SSW	.5	1.0	.4	.0								1.9	4.9
SW	3.0	2.8	1.7	.1	.0							7.7	4.8
WSW	2.6	3.7	1.9	.0								8.1	4.9
W	2.2	3.5	1.7	.2								7.6	5.1
WNW	.8	1.0	.3	.1	.0							2.3	5.1
NW	.5	.6	.5	.2	.0							1.8	6.3
NNW	.2	.6	.6	.5	.1	.1						2.0	9.3
VARBL													
CALM												34.7	
	20.3	25.6	14.7	3.4	.9	.4	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

2518

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

NUPTEN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.5	.5	.3	.6	.3	.1						2.3	9.7
NNE	.2	.4	.5	.4	.1	.1						1.6	9.1
NE	1.4	1.2	.8	.1	.1	.0						3.7	5.5
ENE	1.5	2.5	.6	.1								4.6	4.5
E	5.5	5.2	2.5									13.1	4.4
ESE	4.3	3.0	1.4	.1								8.8	4.3
SE	3.2	2.7	1.4	.1	.0							7.4	4.6
SSE	.6	.4	.3	.0								1.4	4.9
S	.9	.5	.1	.1								1.5	4.1
SSW	.4	.2	.0									.7	3.6
SW	1.2	.6	.5	.1	.1							2.5	5.2
WSW	.8	.4	.1									1.3	3.5
W	.5	.5	.3	.0	.0							1.4	5.1
WNW	.4	.5	.1	.0	.0							1.1	5.1
NW	.3	.3	.2	.0	.0							.9	5.3
NNW	.3	.2	.4	.2	.2							1.2	9.1
VARBL													
CALM												46.6	
	21.9	19.0	9.4	2.9	.9	.2						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2489

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

STATION 23122 NORTON AFB CALIF/SAN BERNARDINO YEAR 43-72 MONTH MAR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.2	.2	.4	.3							1.5	10.0
NNE	.4	.2	.1	.2	.1	.0						1.0	7.5
NE	1.8	1.1	.4	.1								3.3	4.1
ENE	1.8	2.1	.3									4.2	4.0
E	2.9	5.1	1.8	.1								12.8	4.2
ESE	3.2	2.0	1.4	.1								6.8	4.5
SE	3.4	1.9	.8		.0							6.1	4.0
SSE	.7	.5	.2		.1							1.5	4.8
S	.8	.5	.0									1.4	3.8
SSW	.5	.3	.1									1.0	3.9
SW	1.2	1.1	.3	.0								2.7	4.3
WSW	.8	.7	.2	.0	.0							1.7	4.7
W	1.4	.7	.3	.0								2.4	3.8
WNW	.3	.1	.1	.0								.5	4.5
NW	.4	.3	.2	.1								1.0	5.3
NNW	.1	.1	.1	.1	.0	.0						.5	9.1
VARBL													
CALM												51.9	
	23.0	17.0	6.3	1.2	.6	.1						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 2722



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.8	.3	.6	.4	.3	.2	.1					2.7	9.9
NNE	.7	.4	.1	.3	.1	.1	.1					1.7	8.3
NE	2.0	1.6	.2	.1		.0						3.9	4.1
ENE	1.9	2.1	.3									4.3	3.9
E	5.0	3.5	1.0									10.4	3.8
ESE	2.8	1.9	.8									5.5	4.0
SE	2.0	2.2	1.2	.1								6.3	4.7
SSE	.5	.7	.0	.1	.0							1.4	4.8
S	1.3	.4	.2									1.8	3.5
SSW	.4	.4	.3									1.1	4.9
SW	1.1	.6	.3	.1								2.1	4.5
WSW	.4	.6	.1									1.2	4.2
W	.8	.5	.1	.0								1.4	4.0
WNW	.4	.0	.1									.5	3.5
NW	.4	.3	.1	.1	.1							1.2	6.6
NNW	.4	.4	.3	.2	.1	.0						1.3	7.8
VARBL													
CALM												53.2	
	22.5	16.0	5.7	1.5	.6	.4	.1					100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

2775

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122 LORTON AFB CALIF/SAN BERNARDINE 43-72 MAR  
STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100  
CLASS 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	.7	.5	1.0	.7	.2	.2					4.4	11.0
NNE	.5	.4	.3	.2	.3	.0						1.7	9.1
NE	.8	.3	.3	.1	.2							1.7	6.7
ENE	.3	.1	.1									.5	4.5
E	1.1	.7	.5	.0								2.3	4.6
ESE	.7	.8	.5	.1								2.2	5.7
SE	.7	.6	.8	.2	.1							2.4	6.5
SSE	.6	.4	.4									1.3	4.9
S	1.3	.7	.4	.1	.0							2.5	4.7
SSW	1.0	.6	.5	.0								2.1	4.5
SW	3.0	3.2	1.6	.2								8.0	4.9
WSW	2.1	2.2	1.3	.1								5.8	4.8
W	3.9	4.0	2.0	.3								10.2	4.7
WNW	2.2	1.3	.7	.1	.0							4.3	4.3
NW	1.6	1.2	.4	.3	.2	.1						3.8	5.9
NNW	.7	.7	.3	.3	.4	.2	.1					2.5	9.4
VARBL													
CALM												44.2	
	21.6	17.9	10.5	3.2	1.9	.5	.3					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2767

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 MAR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1200-1400  
CLASS 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	.9	.7	.6	1.0	.6		.0				4.9	11.5
NNE	.3	.4	.2	.4	.4	.2						2.0	11.9
NE	.5	.3	.3	.2	.0	.1	.1					1.5	8.5
ENE	.1	.4	.2		.1							.8	6.2
E	.5	.9	.5	.0								1.9	5.1
ESE	.5	.1	.5	.0								1.2	5.8
SE	.5	.4	.8	.3	.1	.0						2.0	7.6
SSE	.2	.4	.5	.2	.0							1.4	7.3
S	.9	.9	.6	.0								2.4	4.9
SSW	.8	1.4	1.2	.2	.1							3.8	6.2
SW	2.9	6.5	6.3	.9	.1	.0						16.4	6.5
WSW	1.8	5.7	6.0	1.2	.0							14.8	6.7
W	3.3	6.9	5.6	1.2	.1							17.1	6.2
WNW	1.3	2.9	2.0	.4		.0						6.6	6.0
NW	1.0	1.8	1.1	.4	.2	.0						5.1	6.2
NNW	.5	.4	.6	1.2	.6	.1	.1					3.5	12.0
VARBL													
CALM												14.6	
	16.3	30.6	27.0	7.3	2.7	1.1	.2	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2769

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

### SURFACE WINDS

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

23122 STATION    NIPTLN AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	.8	1.1	1.5	1.0	.2						4.9	11.7
NNE	.3	.4	.4	.5	.5	.2	.0					2.2	12.2
NE	.2	.3	.1	.1	.0	.0	.0					.8	8.5
ENE	.3	.2	.3	.0								.8	6.0
E	.2	.3	.3	.1	.0							.9	6.6
ESE	.1	.7	.4	.0								1.3	6.6
SE	.3	.9	.4	.2		.0						1.8	6.7
SSE	.3	.3	.5	.1			.0					1.3	6.7
S	.3	.11	.8	.4	.0							2.2	7.4
SSW	.6	.9	.9	.3								2.7	6.7
SW	1.7	6.3	8.3	2.2	.3							18.7	7.5
WSW	1.2	6.0	11.9	3.8	.3	.0						23.2	8.2
W	1.5	5.0	11.4	3.5	.1							22.2	8.1
WNW	.5	1.3	1.5	.3	.1							3.7	7.2
NW	.4	.9	.9	.5	.2	.0						2.8	8.2
NNW	.2	.4	.6	.8	.4		.0					2.4	11.3
VARBL													
CALM												7.8	
	8.2	26.1	40.0	14.2	3.0	.5	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2756



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 29122 MORTON AFB CALIF/SAN BERNARDINO YEARS 41-72 MONTH MAR  
 CLASS ALL WEATHER HOUR (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.4	.6	.3	.2							2.0	7.9
NNE	.3	.4	.7	.3	.1	.0						1.8	8.0
NE	.1	.6	.3	.3	.1	.0						1.3	8.5
ENE	.1	.6	.1	.1	.0							1.0	5.9
E	1.3	1.5	.9	.0								3.8	5.0
ESE	1.0	1.3	.5	.1								2.9	4.7
SE	1.6	1.3	.8	.1	.0							3.8	5.1
SSE	.5	.4	.2	.1								1.2	4.7
S	.8	.7	.4									1.8	4.6
SSW	.7	1.1	.3	.1								2.2	4.8
SW	3.7	6.7	3.4	.4								14.0	5.3
WSW	3.4	7.3	5.0	.5								16.2	5.7
W	3.1	7.7	5.8	.5								17.1	5.8
WNW	.6	1.1	.6	.0								2.3	5.0
NW	.4	.4	.5	.0								1.3	5.5
NNW	.1	.3	.3	.2	.0							.9	8.2
VARBL													
CALM												26.2	
	18.2	31.6	20.4	3.0	.5	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2766

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

MIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.3	.3	.1	.0						1.2	9.4
NNE	.3	.3	.1	.4								1.1	7.4
NE	1.0	.7	.2	.1	.1							2.1	5.0
ENE	1.3	.9	.1									2.4	3.6
E	3.7	3.3	1.7	.1								8.8	4.5
ESE	2.8	2.6	1.0	.1								6.5	4.4
SE	3.2	2.8	1.5	.1								7.6	4.6
SSE	.8	.5	.1									1.4	3.6
S	1.2	.6	.3									2.1	4.0
SSW	.7	.7	.2									1.6	4.4
SW	2.0	2.1	1.3	.1								5.4	4.9
WSW	1.3	1.7	.4	.2								3.6	4.7
W	1.5	2.4	.6									4.4	4.4
WNW	.4	.3	.0									.7	3.9
NW	.5	.4	.1									1.0	3.7
NNW	.0	.2	.1		.0							.4	6.7
VARBL													
CALM												49.6	
	21.0	19.8	8.1	1.3	.2	.0						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

2748

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122 STATION MONTH AFB CALIF/SAN BERNARDINO 43-73 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	.2	.3	.1	.0		.0					1.0	7.7
NNE	.5	.2	.0	.1	.0							.9	5.7
NE	1.4	.7	.0	.0								2.2	3.7
ENE	2.0	1.5	.1		.0							3.6	3.6
E	4.7	2.9	.7	.0								8.3	3.8
ESE	2.0	1.2	.5									3.7	3.9
SE	2.5	1.5	.5	.0								4.6	4.0
SSE	.7	.4	.1									1.2	3.4
S	1.2	.5	.1									1.8	3.3
SSW	1.0	.5	.5									1.9	4.7
SW	1.9	1.3	.5	.1								3.8	4.3
WSW	1.1	1.4	.5	.1								3.1	4.8
W	1.2	2.4	.4									4.0	4.5
WNW	.4	.0	.1									1.1	4.2
NW	.3	.2	.1	.0	.0							.8	5.5
NNW	.3	.3	.0	.1								.7	5.3
VARBL													
CALM												57.2	
	21.6	15.8	4.5	.7	.2		.0					100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 2598

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23122 STATION NAME NIJTON AFB CALIF/SAN BERNARDINO YEARS 43-71 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.1	.2	.2	.2							1.2	7.9
NNE	.5	.3	.2	.0								1.0	4.3
NE	1.5	.7	.0	.0								2.3	3.4
ENE	2.6	1.8	.0									4.5	5.4
E	5.0	2.9	.8	.1								8.8	3.7
ESE	2.5	1.8	.5									4.8	3.9
SE	2.3	1.2	.5	.1								4.1	4.0
SSE	.6	.3	.1	.0								1.1	4.0
S	1.4	.5	.2									2.2	3.7
SSW	.8	.2	.0									1.0	3.3
SW	1.7	1.4	.4									3.5	4.1
WSW	.7	1.3	.4	.0								2.5	4.8
W	1.4	1.2	.3	.0								2.9	4.2
WNW	.3	.2		.1								.6	4.5
NW	.3	.4		.0								.8	4.3
NNW	.2	.1	.2	.1								.5	5.9
CALM												58.4	
	22.3	14.5	3.0	.7	.2							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 2602

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION 23122 MORTON AFB CALIF/SAN BERNARDINO STATION NAME 43-71 YEARS APR MONTH 0600-0800 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.3	.3	.2	.1	.1	.0					2.0	7.1
NNE	.6	.2	.1	.2	.0		.0					1.2	6.6
NE	1.7	.5	.1		.0	.0						2.3	3.9
ENE	1.7	1.0										2.7	3.2
E	4.0	2.1	.6	.0								6.7	3.7
ESE	1.5	1.5	.4	.0								3.5	4.2
SE	1.9	1.2	.3									3.3	3.7
SSE	.7	.4	.2									1.3	4.0
S	1.2	.6	.2	.0								2.0	4.0
SSW	1.0	.4	.2									1.6	3.9
SW	2.2	1.3	.3									3.8	3.8
WSW	1.0	1.3	.4			.0						2.8	4.6
W	1.2	1.8	.3									3.2	4.3
WNW	.3	.5	.0		.0							.8	5.1
NW	.9	.3	.1	.0		.0						1.4	4.4
NNW	.5	.2	.0	.1	.1							.9	6.2
VARBL													
CALM												60.4	
	21.2	13.6	3.6	.7	.3	.2	.1					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 2603

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 ROPTON AFB CALIF/SAN BERNARDINO 42-71 APR  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER 0900-1100  
CLASS 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	.5	.4	.7	.3	.4						3.7	9.2
NNE	.4	.3	.3	.2		.1						1.3	7.7
NE	.8	.4	.1	.2		.1	.0					1.6	6.2
ENE	.4	.3	.1									.7	4.1
E	.8	.5	.2									1.7	4.1
ESE	.3	.5	.2	.1								1.0	5.2
SE	.4	.5	.2									1.1	4.8
SSE	.7	.5	.3									1.5	4.6
S	1.5	.7	.5	.1								2.8	4.6
SSW	1.0	1.2	.7	.1								3.0	5.0
SW	4.0	4.7	2.3	.5								11.4	5.0
WSW	2.4	4.6	2.3	.3	.0							9.7	5.3
W	4.8	5.2	2.5	.2								12.7	4.8
WNW	2.2	1.8	.5		.2							4.7	4.4
NW	2.4	1.5	.9	.1	.1							5.0	4.7
NNW	.9	.6	.2	.2	.2	.1						2.2	7.1
VARBL													
CALM												36.0	
	24.2	23.9	11.7	2.7	.7	.7	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2598

DATA PROCESSING BRANCH  
 ETAC/USA  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

STATION 23122 MORTON AFB CALIF/SAN BERNARDINE 43-71 YEARS APR MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.9	.8	.8	.8	.3						4.4	10.3
NNE	.1	.3	.2	.1	.1	.0						.9	9.0
NE	.3	.2	.4	.2								1.2	6.8
ENE	.2	.3	.1	.0								.7	5.3
E	.7	.3	.3	.0								1.4	4.5
ESE	.3	.4	.1	.1		.0						.9	5.7
SE	.4	.2	.2	.1								.9	5.6
SSE	.2	.3	.2	.1								.9	6.7
S	.8	1.0	.6	.1								2.5	5.5
SSW	.9	1.8	1.9	.2	.0							4.9	6.2
SW	2.1	6.8	7.9	1.9	.3							19.0	7.1
WSW	1.5	6.3	7.4	1.8	.3							17.3	7.2
W	2.7	7.1	8.5	2.2	.1							20.5	7.0
WNW	1.0	2.8	1.9	.4	.0							6.2	6.0
NW	1.1	2.2	1.1	.5	.1	.0						5.0	6.5
NNW	.5	.8	.3	.7	.3	.1						2.7	9.5
VARBL													
CALM												10.5	
	13.7	32.0	31.9	9.3	2.0	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2599

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23122  
STATION

MURKIN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.2	.6	.8	.3	.2						2.4	11.8
NNE	.2	.1	.2	.2	.0							.7	9.1
NE	.1	.1	.1	.1								.4	7.8
ENE	.0	.3	.1									.4	5.4
E	.2	.2	.3		.0							.7	6.4
ESE	.1	.3	.2	.1	.0							.7	7.6
SE	.2	.2	.3	.1								.8	6.3
SSE	.0	.3	.1	.1								.5	7.3
S	.2	.6	.3	.2								1.3	6.2
SSW	.2	.5	1.7	.3		.0						2.8	8.0
SW	1.2	4.9	10.7	3.0	.3	.0						20.2	8.2
WSW	1.0	5.0	14.3	7.1	.3	.0						27.7	9.1
W	.7	3.8	14.3	7.7	.3							26.8	9.4
WNW	.3	1.5	1.7	.8	.0							4.4	8.1
NW	.4	.9	1.0	.4	.1							2.8	7.5
NNW	.0	.4	.6	.6	.2	.0						1.9	10.4
VARBL													
CALM												5.6	
	5.0	19.3	46.6	21.5	1.7	.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2597



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 MIRTTIN AFB CALIF/SAN BERNARDINE YEARS 43-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.4	.4	.2	.0							1.5	6.4
NNE	.0	.2	.2	.1	.0							.5	7.9
NE	.1	.1	.2	.1								.5	6.7
ENE	.2	.3	.1									.7	4.7
E	1.0	.8	.3	.1								2.1	4.5
ESE	.3	.9	.3	.0								1.5	5.3
SE	.5	.6	.7	.1								1.9	5.7
SSE	.1	.2	.2		.0							.5	6.9
S	.5	.4	.2	.1								1.2	4.8
SSW	.5	.9	.3	.1								1.7	4.8
SW	4.5	8.0	4.9	.3	.0	.0						17.8	5.4
WSW	3.3	8.7	8.4	1.2	.0							21.6	6.3
W	2.6	8.5	9.1	1.1								21.5	6.5
WNW	.3	1.3	1.1	.0								2.8	6.1
NW	.2	.3	.2	.1								.9	6.0
NNW	.0	.3	.1	.2	.1							.8	9.2
VARBL													
CALM												22.5	
	14.8	32.0	26.7	3.7	.3	.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2597

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NOPTEN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.3	.2	.1	.1	.1	.0						.8	7.6
NNE	.2	.0	.1	.0								.3	5.4
NE	.6	.3	.2		.0							1.2	4.6
ENE	.5	.5	.1									1.1	4.0
E	3.3	2.2	.7									6.1	3.9
ESE	1.8	1.7	.4	.0								4.0	4.1
SE	2.1	1.9	.4	.1								4.1	4.2
SSE	.8	.4	.1	.0								1.3	3.8
S	1.0	.6	.2									1.8	3.9
SSW	1.0	.5	.4									1.9	4.1
SW	4.1	2.6	1.0	.1	.1							7.9	4.3
WSW	2.9	2.8	.9	.1								6.7	4.4
W	2.9	4.8	1.3	.0								8.7	4.7
WNW	.9	.9	.2									1.4	4.8
NW	.5	.4	.0									.9	3.7
NNW	.2	.1	.0	.1								.4	5.7
VARBL													
CALM												51.3	
	22.2	19.6	8.1	.6	.2	.0						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 2603

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

23122 STATION HIET N AFB CALIF/SAN BERNARDINO STATION NAME 43-72 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	.3	.0	.1	.0								.5	5.3
NNE	.1	.1										.3	3.9
NE	.9	.2	.1	.0								1.2	3.9
ENE	1.1	.5	.2									1.8	3.5
E	3.4	1.9	.4									5.6	3.6
ESE	.9	1.2	.3	.0								2.4	4.6
SE	1.8	1.0	.3	.0								3.2	3.8
SSE	.4	.3	.1									.7	4.3
S	1.0	.3	.1									1.4	3.5
SSW	.8	.4	.0									1.2	3.9
SW	3.3	1.7	.4									5.4	3.8
WSW	2.2	1.8	.3									4.2	3.8
W	3.6	2.8	.3									6.9	3.6
WNW	.5	.5	.2									1.2	4.1
NW	.5	.4	.2	.0								1.1	4.5
NNW	.1	.1										.2	4.0
VARBL													
CALM												62.8	
	20.9	13.2	2.9	.2								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 2778

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 NORTON AFB CALIF/SAN BERNARDINE YEARS 43-72 MONTH MAY  
STATION NAME YEARS MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
CONDITION

SPEED (KNTS) DIR.	1 - 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	.1	.0								.9	3.6
NNE	.4	.1	.0	.1	.0							.6	5.8
NE	1.3	.5	.1	.1								2.0	3.8
ENE	1.1	.8	.1									2.0	3.6
E	4.3	2.2	.9									7.4	3.9
ESE	1.2	.8	.5									2.5	4.4
SE	2.0	.7	.4									3.1	3.8
SSE	.3	.1	.1									.6	4.1
S	1.2	.3	.4									1.8	4.1
SSW	1.2	.4	.0									1.6	3.3
SW	2.3	1.2	.2									3.7	3.5
WSW	2.1	1.2	.2									3.5	3.6
W	2.5	1.3	.3									4.1	3.6
WNW	.6	.5	.0	.0								1.1	4.2
NW	.8	.4	.1	.0								1.2	4.1
NNW	.2	.1	.0									.3	3.9
VARBL													
CALM												63.5	
	22.2	10.5	3.5	.3	.0							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 2707

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.9	.3		.1	.2	.2						1.7	3.4
NNE	.6	.2	.1		.0							.9	4.4
NE	1.0	.4	.1		.0							1.5	3.8
ENE	.6	.5	.1									1.1	3.7
E	1.0	1.2	.1									2.8	3.7
ESE	.6	.5	.1	.0								1.3	4.3
SE	1.3	.7	.3									2.3	4.1
SSE	.4	.3	.1									.3	4.2
S	1.2	.3	.1									1.7	3.5
SSW	1.1	.4	.0									1.5	3.4
SW	2.9	1.6	.2	.0								4.8	3.5
WSW	2.1	1.5	.5									4.1	4.0
W	2.3	2.5	.4									5.2	4.0
WNW	1.2	.8	.3									2.2	3.9
NW	1.7	.6	.1									2.3	3.5
NNW	.6	.1	.0									.9	3.5
VARBL													
CALM												64.9	
	20.0	11.8	2.6	.1	.3	.2						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS

2772

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23122 STATION NAME MIRTI N AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH MAY  
 CLASS ALL WEATHER HOUR (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.2	.3	.1	.2						2.7	7.1
NNE	.4	.4	.2	.1	.0	.1						1.3	7.1
NE	.4	.4	.1	.0	.0							1.1	5.1
ENE	.3	.1	.2									.6	4.7
E	.6	.5	.3									1.3	4.3
ESE	.3	.3	.1									.7	4.2
SE	.2	.5	.3		.0							1.0	6.0
SSE	.2	.2	.1	.0								.5	5.7
S	1.3	.4	.3	.0								2.0	4.1
SSW	1.0	.9	.5									2.5	4.3
SW	4.0	4.7	2.1	.2								10.9	4.8
WSW	2.6	4.7	2.5	.3								10.1	5.2
W	3.9	6.9	3.5	.1								14.3	5.0
WNW	2.8	3.3	1.0	.1								7.3	4.4
NW	2.6	3.2	.5	.1	.0	.0						6.6	4.5
NNW	1.1	.6	.3	.2	.2	.0						2.4	6.4
VARBL													
CALM												34.5	
	23.0	27.9	12.2	1.5	.5	.3						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2771

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122      NIJRTON AFB CALIF/SAN BERNARDINO      43-72      MAY  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      1200-1400  
CLASS      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	.5	.4	.5	.3	.1						2.7	8.3
NNE	.3	.5	.1	.1	.1	.0						1.1	7.1
NE	.0	.4	.1			.1						.5	7.3
ENE	.1	.4	.0									.5	4.3
E	.4	.2	.1	.1								.9	4.5
ESE	.1	.1	.1									.3	5.1
SE	.4	.3	.0									.7	3.8
SSE	.1	.1	.1	.0								.5	5.3
S	.8	.6	.3	.1								1.7	4.8
SSW	.8	.9	1.1	.1								2.8	6.0
SW	2.1	5.5	7.9	1.4	.1							17.0	7.0
WSW	1.6	6.0	9.8	2.2	.1							19.6	7.6
W	1.8	8.6	10.9	2.0	.1							23.4	7.1
WNW	1.3	3.5	3.2	.3	.1							8.4	6.3
NW	1.4	2.9	1.7	.3	.1	.0						6.5	6.3
NNW	.8	.9	.5	.4	.0	.0						2.7	6.5
VARBL													
CALM												10.7	
	12.7	31.6	36.4	7.4	.9	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS      2777

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAG

**SURFACE WINDS**

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

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.2	.3	.4	.2							1.3	10.8
NNE	.1	.2	.0	.1	.0							.5	8.9
NE	.0	.1		.0	.1	.0						.3	12.0
ENE													
E	.1	.1	.1									.4	5.4
ESE	.1	.1	.0	.1								.3	6.7
SE	.1		.2	.0								.3	7.6
SSE	.1	.1	.0	.0								.3	5.6
S	.1	.2	.3									.5	6.1
SSW	.1	.7	1.4	.5								2.7	8.1
SW	.6	3.9	10.2	3.3	.3							18.3	8.7
WSW	.4	3.6	17.9	8.2	.4							30.6	9.5
W	.7	4.6	17.9	8.0	.2	.1						31.4	9.2
WNW	.3	1.7	2.6	.1	.0							5.4	7.9
NW	.2	.9	.6	.6	.1	.0						2.5	8.1
NNW	.2	.4	.2	.2								1.0	6.8
VARBL													
CALM												4.2	
	3.3	16.9	51.8	22.4	1.3	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

2771



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3	.2	.1	.0							.7	7.6
NNE	.0	.1	.2	.1	.1							.5	10.2
NE	.2	.1	.0	.0								.4	4.6
ENE	.1	.1	.1									.4	4.8
E	.2	.2	.1									.5	5.1
ESE	.1	.3	.1									.5	5.1
SE	.1	.4	.0									.5	4.5
SSE	.0	.1										.2	3.8
S	.2	.2	.3									.6	5.2
SSW	.4	1.0	.8	.0								2.2	5.7
SW	3.1	8.4	6.9	.1	.0							18.6	5.8
WSW	2.5	10.8	13.3	1.8								28.4	6.8
W	2.6	11.2	14.3	1.8	.0							30.0	6.8
WNW	.4	1.1	1.4	.1								3.0	6.6
NW	.3	.4	.4	.1								1.2	6.1
NNW	.1	.2	.1									.4	4.6
VARBL													
CALM												11.9	
	10.6	34.8	38.3	4.2	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2774

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.1	.1	.1	.0								.4	5.8
NNE	.1	.1		.1								.3	5.8
NE	.2	.1	.1	.0								.4	4.7
ENE	.2	.1	.1									.4	4.3
E	1.3	.9	.1									2.3	3.8
ESE	1.1	.7	.3									2.1	4.2
SE	1.5	.8	.2									2.5	3.9
SSE	.5	.1										.6	2.8
S	1.0	.5	.0									1.6	3.4
SSW	1.4	.6										1.9	3.4
SW	4.6	4.2	1.0									9.8	4.1
WSW	4.2	5.4	1.3									11.0	4.2
W	5.2	8.7	2.3	.1								16.4	4.5
WNW	.6	1.4	.3									2.2	4.6
NW	.6	.6	.3									1.4	4.4
NNW	.0	.1										.2	4.2
VARBL													
CALM												46.2	
	22.7	24.7	6.1	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

2771

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NIPTON AFB CALIF/SAN BERNARDINO  
STATION NAME

49-72  
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	.1	.1					.0					.3	8.1
NNE	.2	.0										.2	3.4
NE	.7		.1									.8	3.0
ENE	1.1	.2	.2									1.4	3.5
E	3.4	1.3	.2									4.9	3.4
ESE	1.3	.5	.1									1.9	3.5
SE	2.0	.3	.1									2.4	3.1
SSE	.5	.3										.7	3.3
S	.9	.1										1.0	3.0
SSW	.6	.3										.8	3.1
SW	3.3	1.5	.5									5.2	3.6
WSW	3.1	2.1	.3									5.5	3.6
W	4.3	2.9	.5									7.8	3.7
WNW	.5	.5	.1									1.1	3.8
NW	.6	.2										.9	3.2
NNW	.2	.0										.2	3.0
VARBL													
CALM												64.9	
	22.6	10.4	2.0				.0					100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 1 2654

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23127 STATION NAME MORTON AFB CALIF/SAN BERNARDINO YEARS 63-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	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	.0		.0	.0						.5	6.8
NNE	.3	.1					.0					.5	3.5
NE	1.0	.3	.2									1.4	3.6
ENE	1.4	.3	.0									1.8	3.1
E	3.7	1.5	.2									3.3	3.4
ESE	1.1	.7	.1									1.9	3.5
SE	2.1	.5	.1									2.7	3.2
SSE	.4	.2										.6	3.3
S	1.4	.5										1.9	3.2
SSW	1.2	.1	.0									1.4	2.7
SW	2.8	.8	.2									3.8	3.3
WSW	2.2	1.1	.2									3.4	3.5
W	2.7	1.7	.3									4.7	3.5
WNW	.5	.3										.8	3.2
NW	.3	.1	.0									.5	2.6
NNW	.2	.1										.3	3.1
VARBL													
CALM												68.7	
	21.6	8.4	1.2		.0	.0	.0					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 2646

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

MORTN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JUN  
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	1.3	.2	.0		.2							1.6	4.4
NNE	.4	.0										.5	2.8
NE	.8	.1			.0							1.0	3.3
ENE	.4	.1										.5	3.2
E	1.6	.3	.2									2.1	3.3
ESE	.7	.2	.0									.9	3.2
SE	1.3	.3	.2									1.8	3.3
SSE	.5	.3	.0									.8	3.6
S	1.6	.4	.1									2.1	3.3
SSW	1.4	.3	.1									1.9	3.1
SW	3.5	1.5	.2									5.2	3.4
WSW	2.3	2.0	.2									4.5	3.7
W	3.2	2.1	.3									5.6	3.6
WNW	1.2	.6										1.8	3.1
NW	1.2	.5	.0									1.8	3.5
NNW	.7	.2										.9	2.9
VARBL													
CALM												67.1	
	22.2	7.1	1.4		.2							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 2648

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION NORTON AFB CALIF/SAN BERNARDINO 43-72 YEARS MONTH JUN  
STATION NAME CLAS HOURS (L.S.T.)  
ALL WEATHER  
CLASS  
 \_\_\_\_\_  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.5	.2	.0	.2							1.9	5.4
NNE	.5	.3	.1			.1						.9	5.3
NE	.6	.2	.0		.0	.0						.9	4.8
ENE	.1	.0										.1	2.7
E	.3	.3	.2									.8	4.5
ESE	.1	.0										.2	2.8
SE	.3	.1										.4	3.5
SSE	.2	.1	.0									.4	3.9
S	.9	.2	.1									1.2	3.4
SSW	1.2	.9	.5									2.6	4.3
SW	4.6	4.5	2.3	.1								11.5	4.6
WSW	3.0	5.3	1.9	.0								10.3	4.7
W	6.8	7.3	3.0	.1								17.2	4.6
WNW	3.3	4.1	.8									8.1	4.1
NW	3.4	3.2	1.1	.1	.0							7.9	4.4
NNW	.8	.8	.2		.0							1.7	4.4
VARBL													
CALM												33.9	
	27.0	27.9	10.4	.4	.3	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2646

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1200-1400  
CLASS 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	.2	.2	.1	.0						1.5	7.4
NNE	.2	.3	.1	.1								.6	5.8
NE	.2	.3	.0									.5	4.0
ENE	.0	.1										.1	4.0
E	.2	.0										.2	3.0
ESE	.0	.0										.1	3.0
SE	.2	.1	.2									.5	4.3
SSE	.2		.0									.2	3.2
S	.4	.2	.4	.0								1.0	5.7
SSW	.6	1.0	1.4	.2								3.2	6.4
SW	.9	5.8	8.7	1.1	.0							16.5	7.3
WSW	1.2	8.2	11.0	1.8	.0							22.2	7.3
W	2.2	10.4	14.0	1.7	.0							28.4	7.0
WNW	1.6	4.3	3.3	.3								9.5	6.0
NW	1.2	2.6	1.7	.2	.0							5.8	5.6
NNW	.5	1.0	.3	.0								1.9	4.7
VARBL													
CALM												8.0	
	10.1	34.7	41.5	5.5	.3	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2653

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.1	.0	.0	.1							.5	7.4
NNE	.1	.0		.0								.2	6.3
NE	.0			.0	.1							.2	14.5
ENE													
E	.1	.0	.0									.2	4.0
ESE			.0									.0	9.0
SE													
SSE		.1										.1	5.0
S	.1	.1	.0									.2	4.8
SSW	.1	.2	1.5	.3								2.0	8.5
SW	.4	2.8	10.7	3.7	.1							17.7	8.9
WSW	.4	4.4	21.2	8.2	.2							34.4	9.3
W	.9	4.9	21.6	8.5	.3							36.1	9.1
WNW	.4	1.6	2.7	.9								5.5	7.8
NW	.3	.5	.5	.2								1.4	6.7
NNW	.1	.2	.1	.1	.0							.5	6.8
VARBL													
CALM												1.0	
	3.0	15.0	58.4	21.8	.8							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2654



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.0		.0							.2	7.3
NNE		.1	.1	.1								.2	9.3
NE	.0											.0	3.0
ENE	.1		.0									.1	5.0
E	.0	.0	.0									.1	5.3
ESE		.0	.0									.1	5.5
SE													
SSE		.1	.0									.1	5.7
S	.1	.1	.0									.2	4.5
SSW	.8	.7	.9	.1								2.4	5.6
SW	3.1	6.8	7.9	.7								18.5	6.3
WSW	3.2	13.5	17.0	1.9	.0							35.6	6.9
W	2.6	11.7	17.0	1.8								33.1	7.0
WNW	.1	.8	1.0	.2								2.2	7.2
NW	.2	.9	.2									.8	5.0
NNW	.1	.2										.3	3.6
VARBL													
CALM												6.0	
	10.5	34.5	44.3	4.7	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2645

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

NORTHON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.1		.0								.3	5.1
NNE	.1											.1	2.3
NE	.3	.2										.4	3.7
ENE	.4	.1	.0									.5	3.0
E	.5	.5	.2									1.6	4.1
ESE	.7	.3	.2									1.2	4.0
SE	1.2	.3	.0									1.5	3.3
SSE	.2	.1										.3	3.6
S	.5	.2	.0									.7	3.6
SSW	1.1	.3	.1									1.5	3.6
SW	4.2	4.3	1.8									10.4	4.5
WSW	5.7	7.5	2.2									15.4	4.4
W	7.5	9.4	3.0	.0								19.9	4.4
WNW	.6	1.3	.3									2.2	4.5
NW	.3	.2	.0									.6	3.4
NNW	.2	.2	.0									.4	3.9
VARBL													
CALM												43.2	
	23.9	24.9	7.9	.1								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 2653



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.1	.0									.4	3.3
NNE	.2	.0										.3	3.1
NE	.8	.3	.0									1.1	3.3
ENE	1.4	.6										2.0	3.1
E	4.2	1.2	.2									5.6	3.1
ESE	1.4	.5	.0									1.9	2.9
SE	1.4	.5										1.9	3.2
SSE	.5	.1	.0									.7	3.0
S	1.1	.2										1.3	3.0
SSW	.6	.0										.6	2.7
SW	1.4	.7	.1									2.2	3.3
WSW	.0	.3										1.2	2.9
W	1.1	.4	.0									1.6	3.1
WNW	.1	.0	.0									.2	4.2
NW	.6	.1	.0									.8	3.3
NNW	.2	.1	.0									.3	3.9
VARBL													
CALM												77.9	
	16.3	5.3	.5									100.0	.7

TOTAL NUMBER OF OBSERVATIONS 2732

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23122  
STATION

MIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.8	.2	.0									1.1	2.9
NNE	.2	.1										.4	3.3
NE	.8	.1	.1									1.0	3.3
ENE	.7	.3										1.0	3.1
E	1.2	.5	.1									1.0	3.2
ESE	.6	.1	.0									.8	3.1
SE	.6	.1	.1									.8	3.2
SSE	.4	.1										.5	2.8
S	1.2	.2										1.4	2.6
SSW	.7	.0	.0									.8	2.8
SW	2.5	.6	.2									3.3	3.2
WSW	2.1	.8										2.9	3.0
W	2.2	.6	.0									2.8	2.9
WNW	1.0	.3										1.3	2.7
NW	1.7	.4	.1									2.2	3.1
NNW	.8	.1										.9	2.6
VARBL													
CALM												77.1	
	17.4	4.8	.7									100.0	.7

TOTAL NUMBER OF OBSERVATIONS 2729

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23122 STATION    NORTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 YEARS    JUL 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	.4										1.1	3.2
NNE	.1											.1	2.5
N'E	.2											.2	2.4
ENE		.1										.1	4.3
E		.1										.1	4.0
ESE		.0										.0	4.0
SE	.1	.1										.2	4.0
SSE	.0	.1										.1	3.3
S	.4	.2										.7	3.1
SSW	1.0	.9	.7	.0								2.0	4.0
SW	4.7	5.9	2.7	.0								13.4	4.7
WSW	4.7	6.1	2.6									13.4	4.6
W	0.9	8.0	3.4									18.3	4.5
WNW	4.5	4.8	.8									10.1	3.9
NW	2.6	2.5	.7									5.7	4.1
NNW	.7	.3	.1									1.1	3.2
VARBL													
CALM												33.4	
	26.6	29.5	10.5	.1								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2733

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.0	.0									.1	5.0
NNE	.1		.0									.1	3.7
NE		.0										.0	4.0
ENE			.1	.0								.1	9.8
E	.1	.1	.1									.2	5.3
ESE	.0		.0	.0								.1	7.3
SE		.1	.1	.1								.3	9.9
SSE	.0	.0				.0	.0					.1	15.0
S	.1	.1	.1	.1								.5	6.5
SSW	.3	.9	1.2	.1								2.6	6.6
SW	1.2	6.0	11.3	1.5								19.9	7.5
WSW	1.2	8.0	13.8	2.8	.1							26.0	7.7
W	1.6	10.7	16.9	2.2								31.4	7.2
WNW	.8	4.3	3.4	.3								8.8	6.2
NW	.7	2.2	1.3									4.2	5.6
NNW	.1	.3	.2									.6	5.3
VARBL													
CALM												5.0	
	6.3	32.8	48.6	7.0	.1	.0	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2743

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION    NORTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 YEARS    JUL MONTH

ALL WEATHER CLASS    1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.0										.1	3.0
NNE												.0	4.0
NE		.0										.0	4.0
ENE													
E	.1	.1	.0	.0								.2	6.0
ESE		.0	.0									.1	7.0
SE	.1	.1	.1	.0								.3	6.6
SSE		.1	.0	.0	.0							.2	9.8
S		.1	.1									.1	6.6
SSW	.0	.4	1.7	.3								2.3	8.6
SW	.3	2.2	12.0	4.9	.0							19.4	9.4
WSW	.4	3.8	24.6	10.5	.1							39.5	9.6
W	.4	2.7	21.1	7.6	.1							31.8	9.4
WNW	.1	.8	2.5	.6								3.0	8.4
NW		.2	.3	.1								.6	7.5
NNW													
VARBL													
CALM												1.2	
	1.4	10.5	62.5	24.0	.3							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2736



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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			.0									.0	7.0
NNE		.0	.0									.1	5.5
NE													
ENE	.0											.0	2.0
E													
ESE			.0									.0	9.0
SE		.1										.1	5.0
SSE	.1	.0										.1	3.3
S	.1	.3	.0									.4	4.8
SSW	1.0	1.1	.8									2.9	5.0
SW	3.7	8.8	9.8	.7								23.0	6.2
WSW	4.9	15.8	17.7	1.3								39.7	6.5
W	2.4	8.3	13.1	.8								24.6	6.8
WNW	.1	.4	.4									.9	5.8
NW	.1	.1										.2	4.2
NNW		.1										.1	5.0
VARBL													
CALM												7.8	
	12.4	35.0	41.9	2.9								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2740



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

23122 STATION    MORTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	.1	.1										.2	3.6
NNE	.1		.1									.2	4.5
NE	1.0	.1										1.1	3.0
ENE	1.2	.3										1.5	2.9
E	3.3	.9	.1									4.4	3.1
ESE	1.9	.4	.1									2.4	3.0
SE	1.8	.4	.2									2.4	3.1
SSE	.4	.1	.0									.5	3.1
S	.7	.3	.0									1.0	3.2
SSW	.7	.0										.8	2.7
SW	1.5	.3	.1									1.9	3.2
WSW	1.4	.6	.1									2.1	3.2
W	1.2	.8	.1									2.0	3.4
WNW	.4	.1										.6	3.1
NW	.1	.1										.3	3.4
NNW	.1											.1	2.3
VARBL													
CALM												78.5	
	16.0	4.5	.9									100.0	.7

TOTAL NUMBER OF OBSERVATIONS 2786

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

23122  
STATION

NIPTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.3	.1										.4	3.2
NNE	.1	.1										.3	3.6
NE	.9	.1	.1									1.0	3.1
ENE	2.2	.3	.1									2.6	2.9
E	4.7	1.1	.4									6.1	3.3
ESE	2.2	.4	.0									2.7	2.9
SE	1.7	.6	.3	.1								2.6	3.7
SSE	.6	.1										.8	2.7
S	.6	.3										.9	3.1
SSW	.3											.3	2.6
SW	.8	.4										1.2	3.2
WSW	.6	.2										.8	2.7
W	1.0	.3										1.3	2.6
WNW	.3	.1										.4	2.8
NW	.3	.1										.3	3.2
NNW	.1	.0										.2	3.0
VARBL													
CALM												78.3	
	16.7	4.1	.8	.1								100.0	.7

TOTAL NUMBER OF OBSERVATIONS 2783



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH AUG  
 CLASS ALL WEATHER HOUR (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.1										1.2	2.5
NNE	.1	.1										.2	3.0
NE	.1											.1	2.5
ENE	.1	.1										.2	3.8
E	.1	.0	.1									.3	4.8
ESE	.3	.0	.0	.0								.4	4.4
SE	.3	.0	.0									.4	3.0
SSE	.1	.0	.0									.2	3.7
S	.5	.4	.0									.8	3.3
SSW	1.3	.4	.2									1.9	3.4
SW	4.9	4.3	2.1									10.7	4.6
WSW	4.5	5.0	2.6									12.1	4.7
W	6.7	7.9	2.6	.0								17.3	4.4
WNW	3.7	3.2	.7									7.7	3.8
NW	3.2	2.1	.7									6.0	3.8
NNW	1.2	.4	.1									1.7	3.2
VARBL													
CALM												38.9	
	27.7	24.0	9.3	.1								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2782

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.1	.1		.0							.5	5.3
NNE	.1		.0									.1	4.7
NE	.1		.0									.1	4.7
ENE		.0	.0		.0							.1	9.7
E		.1	.1	.1	.0							.3	10.1
ESE	.0	.1		.0								.1	6.3
SE	.1	.1	.1	.0								.3	6.0
SSE	.1	.0		.1								.2	7.0
S	.1	.2	.2									.4	6.6
SSW	.5	1.1	1.4	.1								3.1	6.2
SW	1.8	6.9	9.4	.7	.0							18.9	6.8
WSW	1.2	9.2	14.8	2.7	.1							28.0	7.6
W	1.8	10.7	14.8	2.2	.0							29.5	7.2
WNW	.9	4.1	3.4	.3								8.6	6.3
NW	.5	1.3	1.0	.0								2.8	5.7
NNW	.4	.3	.0									.6	3.4
VARBL													
CALM												6.4	
		34.1	45.6	6.1	.3							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2784





DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEAR 43-72 MONTH AUG  
 CLASS ALL WEATHER PERIOD 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	.0	.0	.0									.1	5.3
NNE													
NE	.1											.1	2.0
ENE	.1	.0										.1	3.7
E	.2	.0										.2	2.7
ESE	.1	.1										.2	2.7
SE	.1	.0	.0									.2	4.4
SSE	.0	.0	.0									.1	4.3
S	.3	.2	.1									.6	4.6
SSW	1.3	1.2	.9	.0								3.5	4.8
SW	4.7	8.1	9.1	.2								22.1	5.9
WSW	5.9	15.1	14.9	.9								36.8	6.1
W	3.4	9.4	10.8	.4								24.0	6.2
WNW	.3	.5	.4									1.1	5.6
NW	.1	.1	.0									.3	4.4
NNW													
VARBL													
CALM												10.6	
	16.7	34.8	36.3	1.5								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2783

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.1	.0										.1	3.7
NNE	.0											.0	1.0
NE	.1	.0										.1	3.0
ENE	.6	.1	.0									.7	2.8
E	1.4	.8	.2									2.3	3.8
ESE	.9	.4	.1									1.4	3.4
SE	1.2	.2	.1									1.5	3.0
SSE	.3	.1										.4	3.4
S	1.1	.2	.0									1.4	3.1
SSW	1.5	.2										1.7	2.8
SW	4.7	2.7	1.0									8.4	3.9
WSW	5.3	4.5	.9									10.8	3.8
W	5.6	4.2	.4									10.3	3.5
WNW	.7	.5	.0									1.2	3.7
NW	.3	.1										.5	2.8
NNW	.1											.1	2.0
VARBL													
CALM												59.2	
	23.9	14.1	2.8									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 2779



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-71  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURE (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	.1		.0							.7	5.1
NNE	.2	.2	.1		.1							.4	7.1
NE	2.1	.2	.1	.0								2.5	3.1
ENE	2.6	.9	.1									3.6	3.3
E	4.9	2.3	.9									8.1	3.7
ESE	2.8	1.2	.4									4.5	3.6
SE	1.7	.6	.2									2.5	3.2
SSE	.5	.3										.8	3.2
S	.2	.1										.6	3.0
SSW	.2	.1										.5	2.8
SW	1.1	.2	.0									1.3	2.8
WSW	.8	.2	.0									1.0	3.1
W	.7	.4	.0									1.2	3.5
WNW	.2		.0									.3	3.1
NW	.2	.1										.3	3.1
NNW	.1				.0							.1	8.0
VARBL													
CALM												71.7	
	19.1	7.0	2.1	.0	.2							100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 2605

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEARS 43-71 MONTH SEP  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	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	.0	.1								1.1	4.0
NNE	.6	.1	.1	.1	.1	.0						.9	6.3
NE	1.7	.5	.0									2.2	3.0
ENE	1.5	.4	.1	.0								2.0	3.1
E	3.0	1.3	.3		.0							4.6	3.5
ESE	1.8	.8	.1	.1								2.7	3.6
SE	1.7	.7	.2									2.5	3.5
SSE	.5	.2										.7	3.1
S	.9	.0										.9	2.4
SSW	.3	.2										.5	2.9
SW	1.2	.5	.0									1.7	3.2
WSW	1.0	.2	.1									1.3	3.2
W	1.0	.0	.2									1.8	3.6
WNW	.3		.0									.3	2.9
NW	.6	.1										.7	3.2
NNW	.2	.2	.0	.0								.5	4.8
VARBL													
CALM												75.5	
	17.0	6.0	1.1	.3	.1	.0						100.0	.9

TOTAL NUMBER OF OBSERVATIONS 2604

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23122 STATION NAME NIBTON AFB CALIF/SAN BERNARDINO YEARS 43-71 MONTH SEP  
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.1	.1	.1	.1							1.1	5.2
NNE	.5	.2		.1	.2							1.0	7.0
NE	.2	.3	.1	.0								.7	4.9
ENE	.2	.1	.0									.3	4.3
E	.4	.1	.2	.1								.7	5.2
ESE	.2	.2	.2									.5	4.8
SE	.3	.1	.1									.5	3.8
SSE	.4	.0	.1	.0								.5	4.2
S	.7	.5	.1	.1								1.4	4.3
SSW	.8	.0	.2									1.6	4.2
SW	4.0	3.1	.8		.0							7.9	4.0
WSW	3.3	4.1	1.8									9.3	4.7
W	6.1	5.4	1.8	.0								13.5	4.1
WNW	4.1	2.1	.7	.0								7.0	3.8
NW	2.6	2.3	.4	.0								5.4	3.9
NNW	1.0	.7	.2	.0	.0	.0						1.9	4.9
VARBL													
CALM												46.7	
	25.5	20.0	6.8	.6	.4	.0						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 2609

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/IAC

### SURFACE WINDS

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

23122      NORTON AFB CALIF/SAN BERNARDINO      43-71      SEP  
STATION      STATION NAME      YEARS      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	.7	.3	.3	.3	.1	.0						1.7	7.4
NNE	.2	.3	.1	.1	.2	.0						1.0	8.7
NE	.2	.1				.0						.3	5.2
ENE	.0	.0	.1									.2	6.5
E	.2	.3	.1	.0	.0							.7	6.1
ESE	.2	.2	.2			.0	.0					.6	7.6
SE	.2	.5	.1	.2	.1							1.0	7.4
SSE	.2	.2	.1	.2								.7	6.5
S	.7	.5	.2	.2								1.6	5.0
SSW	.5	1.1	1.3	.1								3.0	6.2
SW	1.7	6.8	6.7	1.4	.0							16.7	6.8
WSW	2.3	6.5	11.0	2.4								22.1	7.3
W	2.9	10.3	11.3	1.5	.0							26.0	6.8
WNW	1.3	3.9	3.6	.1								8.9	6.0
NW	1.4	2.3	1.3	.3	.0							5.3	5.6
NNW	.5	.6	.3	.1	.0	.0						1.6	6.3
VARBL													
CALM												8.8	
	13.1	33.9	36.5	6.9	.5	.2	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS      2603

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION    MORTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	.2	.3	.3	.3	.1	.0						1.2	9.6
NNE		.0	.1	.3	.1	.0	.0					.6	13.0
NE	.1	.1	.0	.1								.3	6.9
ENE	.0	.0	.1		.0							.2	8.4
E	.2		.2	.0	.0	.0						.4	8.8
ESE	.1	.1	.2	.1	.1	.0						.6	10.6
SE	.1	.3	.2	.1								.7	6.6
SSE	.1	.3	.2	.0								.7	5.5
S	.1	.3	.3	.2		.0						1.0	8.3
SSW	.1	.8	1.2	.1								2.3	7.2
SW	.7	4.3	10.6	2.4	.0							18.0	8.0
WSW	.6	6.6	20.3	7.2	.3							35.3	8.9
W	.6	6.4	18.0	5.0	.0							29.9	8.4
WNW	.3	1.4	2.0	.5								4.1	7.4
NW	.3	.8	.3	.1								1.5	5.4
NNW	.0	.3	.3	.1								.7	6.8
VARBL													
CALM												2.6	
	3.7	22.0	54.3	16.5	.8	.2	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2606



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

23122  
STATION

NIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURE (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	.2	.1								.7	6.9
NNE	.2	.1	.0	.1								.5	6.7
NE	.1	.3	.0	.0		.0						.6	6.3
ENE	.2	.2	.0	.0								.5	4.9
E	.5	.6	.4									1.5	5.0
ESE	.4	.3	.1									.8	3.8
SE	.5	.3	.2									1.0	3.8
SSE	.3	.1										.3	3.1
S	.7	.5	.0									1.2	3.8
SSW	1.3	.8	.5									2.6	4.4
SW	5.0	6.5	4.5	.1								16.1	5.1
WSW	5.0	12.1	9.1	.5								26.7	5.7
W	2.1	9.2	5.7	.2								20.2	5.3
WNW	.6	.6	.3	.0								1.5	4.9
NW	.3	.1	.1	.1								.5	5.1
NNW	.2	.1	.1									.3	4.8
VARBL													
CALM												24.9	
	20.5	32.2	21.2	1.2		.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2606

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.2	.0	.0	.1								.4	5.4
NNE	.2	.2										.5	3.8
NE	.7	.2										.9	2.8
ENE	.8	.2	.1									1.1	3.3
E	3.3	1.2	.3									4.8	3.5
ESE	1.9	.8	.5									3.3	3.8
SE	2.0	.9	.1									3.0	3.3
SSE	.7	.1	.1									.8	3.4
S	.5	.1										.6	2.9
SSW	.7	.2										.8	3.0
SW	2.6	1.2	.3									4.1	3.5
WSW	2.4	2.5	.6									5.4	4.2
W	3.8	2.8	.5									7.1	3.7
WNW	.8	.7	.0									1.6	3.4
NW	.6	.0										.6	2.6
NNW	.2											.2	2.3
VARBL													
CALM												64.9	
	21.4	11.0	2.6	.1								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 2600

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

STATION 23122 STATION NAME MORTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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		.2	.0							.7	7.0
NNE	.6	.1	.1	.1								.9	4.4
NE	1.9	1.2	.1	.1								3.3	3.8
ENE	2.6	1.5	.2									4.3	3.5
E	6.1	4.0	1.1									11.3	3.8
ESE	2.3	1.8	.5	.0								4.6	3.8
SE	2.5	1.4	.5			.0						4.4	3.9
SSE	.9	.3	.1		.0							1.3	3.8
S	.7	.2										.9	2.9
SSW	.5	.1										.5	2.9
SW	1.0	.3	.1									1.4	3.7
WSW	.7	.5										1.3	3.5
W	.8	.4	.1									1.4	3.7
WNW	.1	.1										.3	3.4
NW	.3	.2	.1									.5	4.8
NNW	.3	.2										.5	3.6
VARBL													
CALM												62.4	
	21.5	12.6	2.9	.4	.1	.0						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 2781

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72 OCT  
STATION STATION NAME YEARS 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	.4	.4		.0		.0					1.3	6.6
NNE	.7	.3	.1	.1	.1							1.3	5.1
NE	2.3	1.5	.3									4.0	3.6
ENE	3.0	1.7	.4									5.1	3.6
E	6.4	3.7	.9									11.1	3.7
ESE	2.8	1.8	.5									5.1	3.8
SE	2.6	1.0	.5									4.1	3.7
SSE	.7	.3	.0									1.0	3.2
S	1.1	.3										1.3	2.8
SSW	.4	.0	.0									.5	3.1
SW	.8	.3	.1	.1		.0						1.3	4.6
WSW	.7	.2	.0									.9	3.0
W	.5	.3	.1									.8	3.7
WNW	.1	.1	.0									.3	4.4
NW	.1	.2	.0	.1								.4	5.7
NNW	.1	.1	.1	.1								.4	8.0
VARBL													
CALM												61.0	
	22.8	12.1	3.6	.3	.1	.0	.0					100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 2778

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23127  
STATION

HORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-77  
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	.8	.4	.3	.3	.1							1.8	6.4
NNE	.5	.3	.3	.1	.1	.0						1.3	6.8
NE	2.5	.9	.3	.2	.0							3.9	3.9
ENE	2.5	.9	.3									3.7	3.3
E	5.0	2.1	.5	.0								7.6	3.5
ESE	2.6	1.4	.2	.0								4.1	3.3
SE	2.6	.9	.3	.0								3.8	3.3
SSE	.5	.5	.1									1.1	4.1
S	.8	.3	.1									1.2	3.5
SSW	.6	.1	.0									.8	3.0
SW	.9	.3	.1									1.3	3.3
WSW	.8	.4	.0									1.2	3.5
W	.6	.2	.0									.8	3.0
WNW	.3	.0	.0									.4	3.5
NW	.5	.1	.1		.0							.9	4.2
NNW	.4	.1	.2	.2	.0							.9	7.4
VARBL													
CALM												65.1	
	22.0	8.8	3.0	.9	.3	.0						100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

2773

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.7	.4	.4	.8	.3	.1						2.8	9.6
NNE	.4	.1	.1	.2	.2	.1						1.1	9.9
NE	.8	.4	.2	.1	.0	.0						1.5	5.3
ENE	.2	.2	.0									.5	4.0
E	1.0	.6	.1									1.7	3.7
ESE	.6	.2	.1	.0								.9	3.7
SE	.9	.3	.2									1.3	3.5
SSE	.5	.3	.2									1.0	4.1
S	.8	.4	.2	.1								1.5	4.9
SSW	.8	.4	.2	.0								1.4	4.0
SW	2.7	2.2	.9	.0								5.7	4.2
WSW	3.2	2.6	1.3	.0		.0						7.2	4.9
W	5.5	3.4	.9	.1								9.9	3.8
WNW	2.7	1.7	.5									4.9	3.8
NW	2.3	1.3	.4	.2	.1							4.3	4.3
NNW	1.2	.5	.1	.2	.2							2.3	5.9
VARBL													
CALM												51.8	
	24.4	15.1	5.8	1.8	.8	.1						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH OCT  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.6	.4	1.2	.8	.1						3.9	11.3
NNE	.3	.4	.2	.3	.4	.0						1.6	10.1
NE	.3	.1	.1	.1	.0							.7	6.2
ENE	.1	.1	.0			.0						.3	7.0
E	.3	.3	.2	.0								.9	5.2
ESE	.3	.3	.1									.7	4.2
SE	.5	.3	.1	.2								1.2	5.6
SSE	.1	.3	.4	.3								1.1	7.9
S	.8	.5	.4	.1	.1							1.9	5.9
SSW	.9	1.3	.7	.0								2.9	5.1
SW	2.5	5.9	4.7	.7	.0							13.8	6.1
WSW	2.5	6.1	6.7	.8								16.0	6.4
W	4.0	9.2	6.6	.6								20.4	5.8
WNW	2.5	3.5	2.3	.1								8.4	5.2
NW	1.7	2.9	1.9	.4	.1							7.0	5.9
NNW	.5	.8	.6	.5	.2							2.6	7.7
VARBL													
CALM												16.6	
	18.0	32.6	25.7	5.4	1.6	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2760

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

MIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.6	1.2	1.5	.3	.1						3.9	10.8
NNE	.2	.1	.4	.7	.1	.1						1.6	11.5
NE	.2	.2	.2	.3								.9	7.9
ENE	.1	.0	.1	.0	.0							.3	7.3
E	.2	.1	.3	.0	.1							.8	7.7
ESE	.1	.3	.1									.5	4.7
SE	.4	.4	.6	.1								1.5	6.5
SSE	.2	.4	.4	.1								1.0	6.8
S	.6	.5	.3	.3	.0							1.7	6.3
SSW	.8	.9	.7	.1								2.5	5.4
SW	2.8	5.5	7.5	.8								17.0	6.4
WSW	2.5	9.3	11.0	2.4	.1							25.3	7.1
W	2.2	7.7	10.4	1.8	.0	.0						22.2	7.1
WNW	.9	2.1	1.3	.4								4.7	6.0
NW	.6	1.2	1.0	.4	.1							3.3	7.1
NNW	.2	.8	1.0	.4	.2							2.5	8.4
VARBL													
CALM												10.3	
	12.2	30.4	36.5	9.3	1.0	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

2776



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23122 STATION NAME MORTON AFB CALIF/SAN BERNARDINO YEARS 43-77 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.4	.7	.1								1.3	6.9
NNE	.3	.2	.6	.3	.0	.0	.0					1.5	8.9
NE	.5	.8	.4	.1	.1							1.9	6.1
ENE	.6	.7	.1									1.3	3.8
E	2.5	1.7	.8	.0								5.0	4.3
ESE	1.4	.9	.4		.0							2.7	4.1
SE	1.6	.6	.5									2.7	4.1
SSE	.5	.2	.1									.6	3.6
S	.9	.3	.1									1.3	3.0
SSW	.7	.4	.1	.0								1.3	4.1
SW	3.3	3.5	1.7	.1								8.5	4.7
WSW	4.3	6.1	3.2	.0								13.7	4.9
W	5.6	5.4	2.3	.1								13.4	4.5
WNW	.7	1.0	.3									1.9	4.5
NW	.5	.3	.2									1.0	4.0
NNW	.4	.2	.1	.0								.8	4.6
VARBL													
CALM												40.7	
	23.4	22.7	11.5	.9	.1	.0	.0					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2774



3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23122 STATION NAME NORTH AFB CALIF/SAN BERNARDINE YEARS 43-72 MONTH NOV  
 CLASS ALL WEATHER HOUR (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.4	.2	.4	.2	.1	.0					1.9	9.5
NNE	.4	.6	.3	.3	.2	.1	.0					1.9	8.9
NE	2.0	2.4	.4	.1	.1		.0					5.0	4.7
ENE	2.9	3.3	.3	.1		.0						6.6	4.0
E	6.5	6.3	2.1	.1								15.1	4.3
ESE	2.8	2.0	1.7									6.7	4.5
SE	3.2	3.2	.9	.1								7.3	4.4
SSE	.9	.6	.1									1.6	3.5
S	.4	.3	.0									.8	3.6
SSW	.4	.1	.1									.6	3.4
SW	.4	.1	.3									.8	4.5
WSW	.1	.2		.1								.4	5.4
W	.3	.4	.1	.1								.8	5.4
WNW	.1	.0										.1	3.5
NW	.1	.2	.1	.2	.1							.7	8.6
NNW	.1	.2	.1	.1	.0	.2	.0					.8	12.1
VARBL													
CALM												48.8	
	21.2	21.0	6.3	1.6	.6	.4	.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122 STATION    NORTON AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	.4	.4	.4	.2	.2	.2	.0					1.9	10.1
NNE	.5	.7	.2	.3	.1	.1	.0					2.0	7.8
NE	2.5	2.2	.3	.3			.0					5.4	4.5
ENE	2.6	3.4	.4	.0								7.2	4.0
E	6.2	6.8	2.4	.1								15.6	4.5
ESE	3.8	2.7	.8	.1								7.5	4.1
SE	3.1	3.0	.9	.1								7.0	4.3
SSE	.9	.4	.1									1.4	3.4
S	.7	.2	.1									1.0	3.3
SSW	.4	.1	.1									.6	3.9
SW	.4	.2		.0								.6	3.7
WSW	.2	.2	.0									.4	4.2
W	.3	.2	.0	.1								.6	5.5
WNW	.2	.1	.1	.0	.0							.5	7.3
NW	.3	.1	.2	.1	.1	.0						.9	8.6
NNW	.2	.3	.1	.3	.1	.1	.0					1.1	10.3
VARBL													
CALM												46.3	
	23.0	21.6	6.4	1.7	.6	.4	.1					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 2692

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AFR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

MIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURLY (L.E.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	.3	.3	.2	.2	.1						1.9	7.5
NNE	.7	.7	.3	.2	.1	.1						2.1	6.4
NE	2.8	2.1	.5	.2	.0	.0						5.7	4.4
ENE	3.0	2.8	.4	.1								6.3	3.9
E	5.5	5.9	1.8	.2								13.5	4.4
ESE	4.0	2.4	.9	.1								7.5	4.0
SE	2.7	2.2	1.0	.1								6.1	4.3
SSE	.7	.4	.0									1.2	3.3
S	.8	.3	.2									1.3	3.7
SSW	.2	.2										.4	3.7
SW	.4	.4	.1									.9	4.1
WSW	.2	.1										.4	3.2
W	.2	.1	.0									.4	3.6
WNW	.0	.1	.1	.0								.2	6.8
NW	.4	.3	.1	.3	.1	.1						1.2	8.5
NNW	.2	.4	.1	.3	.1	.1	.0					1.4	9.9
VARBL													
CALM												49.7	
	24.0	18.8	5.9	1.6	.5	.4	.0					100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 2692

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

NORTHEN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEAR

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	.5	.3	.6	.4	.5	.0					1.8	9.8
NNE	1.0	.4	.1	.2	.3	.2						2.2	8.5
NE	1.3	.6	.1	.0	.1	.1						2.3	5.2
ENE	1.0	.6	.1		.0							1.8	3.8
E	2.3	1.2	.3	.1								3.9	4.0
ESE	1.2	.8	.4	.2	.0							2.7	5.0
SE	1.6	1.4	.7	.2								2.9	4.9
SSE	.7	.6	.2	.1								1.5	4.8
S	.8	.3	.3									1.4	4.1
SSW	.8	.4	.2		.0							1.5	4.4
SW	1.8	2.0	.7									4.4	4.3
WSW	2.1	1.3	.3	.0								3.7	3.8
W	2.2	1.4	.4	.1								4.1	3.9
WNW	1.5	.6	.1									2.2	2.9
NW	2.3	.4	.4	.3	.1	.2						3.8	6.2
NNW	.9	.5	.2	.1	.3	.1	.0					2.2	8.1
VARBL													
CALM												54.5	
	23.1	12.9	4.9	2.0	1.3	1.2	.1					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 2689

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

STATION 23122 STATION NAME MORTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.6	.5	1.4	.9	.5	.1					5.2	12.2
NNE	.6	.4	.1	.3	.3	.3	.0					2.0	10.7
NE	.4	.3	.1	.1	.1	.1						1.2	7.3
ENE	.3	.2			.1							.6	3.4
E	.7	.6	.2	.1	.0							1.6	5.0
ESE	.5	.4	.6	.1								1.6	5.9
SE	.9	.9	.7	.3	.0							2.7	6.3
SSE	.3	.5	1.0	.1								2.0	6.8
S	.9	1.0	.7	.0								2.7	5.1
SSW	1.3	.8	1.0	.1								3.2	5.0
SW	2.5	4.6	2.7	.3	.0							10.2	5.5
WSW	2.6	4.2	2.6	.2								9.7	5.3
W	3.8	6.6	2.8	.4	.0							13.6	5.2
WNW	2.3	2.6	.8	.1	.1							6.0	4.8
NW	2.0	1.0	1.1	.4	.1	.1	.0					4.8	6.1
NNW	.8	.6	.5	.3	.6	.4						3.2	10.8
VARBL													
CALM												29.8	
	21.2	25.4	15.4	4.2	2.4	1.3	.2					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122 STATION    MURKIN AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	.4	.9	1.4	1.6	1.2	.4	.0					5.9	12.3
NNE	.1	.4	.7	.7	.3	.3						2.4	11.8
NE	.2	.3	.4	.3	.1	.0						1.4	9.0
ENE	.2	.4	.1	.1								.8	5.4
E	.6	.8	.4	.1	.0							1.9	5.5
ESE	.4	.4	.3	.2								1.4	6.5
SE	.9	.9	1.0	.1								2.9	5.7
SSE	.5	1.2	1.1	.2								3.0	6.4
S	.9	1.1	.6	.0								2.6	4.6
SSW	.7	.9	.4	.0								2.1	5.1
SW	3.7	5.4	3.8	.3								13.2	5.2
WSW	3.6	6.8	4.0	.4								14.8	5.4
W	3.1	6.1	2.8	.3	.0							12.3	5.2
WNW	1.1	1.6	.9	.1	.1							3.9	5.5
NW	.6	1.5	1.6	.5	.1	.1						4.4	7.4
NNW	.5	1.0	1.2	1.0	.0	.1	.0					4.0	8.7
VARBL													
CALM												23.0	
	17.6	29.9	20.8	5.9	1.9	.9	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2683



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23122 STATION NAME NORTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.3	.4	.8	.4	.1	.0					2.5	11.3
NNE	.4	.6	.5	.4	.1	.0						2.2	8.4
NE	1.1	.9	.6	.2	.0							2.9	5.3
ENE	1.2	1.5	.4	.1								3.2	4.5
E	3.8	5.5	1.9	.1								11.4	4.7
ESE	2.7	2.4	1.5	.1								6.7	4.7
SE	3.2	2.1	1.8	.1								7.2	4.8
SSE	1.3	.6	.1	.1								2.1	3.9
S	.9	.4	.1	.0								1.4	3.6
SSW	.6	.2	.2									1.0	4.0
SW	1.7	1.7	.5	.0								3.9	4.2
WSW	1.3	1.8	.8									3.9	4.7
W	2.3	1.6	.7	.0	.0							4.6	4.2
WNW	.6	.3	.2									1.0	3.9
NW	.4	.3	.3	.1								1.1	6.4
NNW	.3	.4	.4	.2	.2	.0						1.6	8.8
VARBL													
CALM												43.1	
	22.2	20.7	10.4	2.5	.9	.1	.0					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

HORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

NNV  
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	.3	.3	.2	.1	.1		.0				1.5	9.7
NNE	.7	.3	.3	.3	.0	.1						1.8	7.4
NE	1.7	1.0	.3	.3	.0	.0						4.0	5.0
ENE	1.9	2.0	.5	.0								4.4	4.2
E	5.8	5.5	1.2	.0								12.6	4.1
ESE	3.6	2.7	1.2	.1								7.5	4.2
SE	4.4	2.4	1.4	.1								8.4	4.2
SSE	.9	.5	.1									1.5	4.0
S	.6	.4	.1	.0								1.1	4.5
SSW	.4	.3										.7	3.1
SW	.7	.4	.2									1.2	4.3
WSW	.6	.3	.0	.0	.0							1.0	4.2
W	.6	.7	.0	.0								1.4	4.0
WNW	.3	.1	.1									.4	4.1
NW	.1	.3	.2	.2	.1							.9	8.6
NNW	.1	.0	.2	.1	.1		.0					.6	12.1
VARBL													
CALM												50.9	
	22.8	17.7	6.4	1.4	.5	.2	.0	.0				100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

2690



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION NORTON AFB CALIF/SAN BERNARDINO 43-72 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	.6	.4	.5	.6	.3	.2	.1					2.8	10.5
NNE	.6	.6	.3	.4	.4		.0					2.3	8.7
NE	3.1	3.0	.6	.1	.0	.0						7.0	4.3
ENE	3.0	4.4	.6	.1								0.1	4.3
E	7.8	7.3	3.0	.2	.0							18.3	4.4
ESE	3.0	3.4	1.7	.1								8.1	4.6
SE	2.5	2.9	1.7	.2								7.3	5.0
SSE	.8	.2	.1	.0								1.2	3.9
S	.4	.2										.6	3.2
SSW	.1	.2	.1									.4	5.4
SW	.4	.4	.2	.1								1.0	5.1
WSW	.1	.2	.1	.0								.4	5.5
W	.4	.1	.0									.5	3.4
WNW		.1		.0	.0							.2	8.4
NW	.4	.2	.3	.1			.0					1.0	7.5
NNW	.1	.1	.3	.1	.1	.1	.0					.9	11.7
VARBL													
CALM												39.7	
	23.2	23.8	9.5	2.3	.8	.3	.2					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2775

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

MIRTLIN AFB CALIF/SAN BERNARDINE  
STATION NAME

43-72  
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	.7	.9	.4	.6	.4	.1	.0					3.1	9.5
NNE	1.0	.5	.6	.4	.1	.1	.0					2.9	7.8
NE	3.0	3.6	.7	.1								7.4	4.3
ENE	3.5	3.6	.6	.1								7.8	4.0
E	6.4	6.2	2.2	.2								15.0	4.3
ESE	3.3	3.1	1.5	.1								8.0	4.4
SE	2.8	2.4	1.5	.1								6.8	4.7
SSE	.4	.3	.1	.1								1.0	5.3
S	.6	.3	.1	.1								1.1	4.1
SSW	.3	.2	.0									.5	3.7
SW	.3	.2	.3	.0								.9	5.6
WSW	.3	.3	.1									.6	4.1
W	.1	.3	.1	.0								.6	5.1
WNW	.1	.1	.1									.3	4.8
NW	.3	.1	.1	.1								.6	5.5
NNW	.1	.1	.3	.3	.1	.1						1.0	10.5
VARBL													
CALM												42.5	
	23.2	22.3	8.7	2.3	.7	.3	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2785

3  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23122 STATION NAME MIRTON AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	.7	.6	.8	.4	.2						4.4	8.3
NNE	1.2	.3	.3	.3	.3	.2	.1					2.6	9.2
NE	2.2	.8	.2	.1	.0	.0	.0					3.3	4.2
ENE	1.6	1.0	.1									2.7	3.4
E	3.6	2.3	.8		.0							6.7	4.0
ESE	1.5	1.3	.4	.1	.0							3.4	4.4
SE	1.5	1.3	.5	.2		.0						3.5	5.0
SSE	.6	.2	.3									1.1	4.1
S	.8	.5	.4	.0								1.7	4.7
SSW	.8	.3	.1	.0								1.3	3.7
SW	1.5	1.1	.6	.3								3.5	5.1
WSW	.8	.8	.1		.0							1.7	4.1
W	1.8	1.1	.3	.1	.1							3.5	4.5
WNW	.7	.3	.2									1.2	3.5
NW	1.1	.8	.4	.1	.1							2.5	5.3
NNW	.6	.5	.2	.6	.2	.0						2.2	8.8
VARBL													
CALM												54.8	
	22.2	13.1	5.3	2.5	1.3	.5	.1					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 2779

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23122 STATION    NORTH AFB CALIF/SAN BERNARDINO STATION NAME    43-72 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	1.2	.0	1.0	1.1	.7	.7	.2	.1				5.5	12.4
NNE	.6	.1	.3	.8	.7	.3	.1					2.9	13.3
NE	1.3	.3	.2	.2	.0	.0						2.1	5.4
ENE	.5	.2	.1									.9	3.3
E	1.0	.8	.6	.1	.0							2.4	5.2
ESE	.5	.4	.2	.0								1.2	4.7
SE	.9	.9	.6	.0								2.4	4.9
SSE	.4	.4	.2	.1								1.2	5.2
S	1.2	1.0	.5	.1	.0							2.8	5.0
SSW	1.1	1.0	.6	.0								2.7	4.6
SW	3.0	3.6	1.9	.4								9.1	5.2
WSW	2.1	3.4	1.8	.2	.0							7.6	5.2
W	3.8	4.0	1.9	.1	.1							9.7	4.6
WNW	1.8	1.7	.7	.1	.1	.1						4.5	5.5
NW	1.7	1.2	1.0	.4	.3	.1						4.6	6.9
NNW	.7	.4	.4	.7	.6	.2						3.0	10.6
VARBL													
CALM												37.5	
	21.8	20.1	11.8	4.4	2.7	1.4	.3	.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS    2778

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINE  
STATION NAME

43-72  
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	.7	1.0	1.8	2.0	.9	.4	.1					7.0	11.5
NNE	.2	.5	.9	.6	.4	.2	.0					2.9	11.4
NE	.5	.4	.4	.3	.1	.1						1.9	8.2
ENE	.4	.4	.2									1.0	4.8
E	1.4	1.2	.5	.1								3.3	4.8
ESE	.8	.6	.4	.1								1.8	5.1
SE	1.0	1.5	1.0	.2	.1							3.7	5.9
SSE	.7	1.2	.7	.2		.1						2.8	5.9
S	1.7	.6	.6		.0	.0						3.0	4.7
SSW	1.2	1.2	.5	.1								2.0	4.5
SW	3.8	4.2	2.2	.1								10.3	4.8
WSW	2.7	3.8	1.6	.4								8.4	5.0
W	2.7	3.4	1.8	.1								8.0	4.9
WNW	.9	1.0	.6	.2								2.7	5.3
NW	.5	1.9	2.0	.5	.1	.0						5.2	7.3
NNW	.3	1.4	1.8	.9	.3	.1						4.7	8.9
VARBL													
CALM												30.4	
	19.5	24.3	17.2	5.8	1.8	.9	.2					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2770



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	.3	.6	.8	.8	.3	.0	.1					3.0	10.2
NNE	.3	.8	.5	.6	.1		.0					2.4	8.8
NE	1.2	2.3	.9	.2	.0		.1					4.7	5.7
ENE	1.4	3.0	.7		.0							5.2	4.6
E	5.1	6.3	2.4	.1			.0					14.0	4.7
ESE	4.6	3.0	1.3	.1								9.4	4.2
SE	4.4	3.6	1.8	.1	.0							9.9	4.6
SSE	.5	.9	.2	.0								2.1	4.2
S	1.0	.4	.3									1.6	3.9
SSW	.2	.2	.1									.5	4.8
SW	1.0	1.0	.5	.2								2.6	5.3
WSW	.8	.8	.3	.1								1.9	4.7
W	.5	.0	.8	.0		.0						2.3	5.8
WNW	.3	.2	.2	.0								.8	4.9
NW	.4	.4	.5	.2	.0							1.5	6.8
NNW	.1	.4	.3	.1	.1							1.1	7.6
VARBL													
CALM												38.1	
	21.9	24.9	11.5	2.7	.7	.1	.2					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2772

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23122  
STATION

MIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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 SPEFO
N	.5	.4	.6	.5	.1	.0		.1				2.2	9.9
NNE	.3	.5	.2	.6	.2	.1						2.1	9.6
NE	2.4	1.9	.7	.1								5.2	4.4
ENE	2.6	3.5	.7	.1	.0							7.1	4.3
E	6.2	7.9	2.1	.1	.0							16.3	4.4
ESE	4.3	3.7	1.5	.1	.0							9.6	4.5
SE	3.3	3.3	1.7	.2	.0							8.5	4.8
SSE	.6	.5	.1									1.3	3.0
S	1.0	.4	.2	.1								1.7	4.1
SSW	.2	.3	.0									.5	4.1
SW	.2	.5	.3	.2								1.6	5.8
WSW	.5	.1	.3									1.0	4.7
W	.2	.2	.2	.1								.7	6.0
WNW	.1	.2	.1									.2	5.6
NW	.2	.2	.4									.8	6.2
NNW	.1	.3	.2	.1	.1	.0						.8	8.7
VARBL													
CALM												40.4	
	23.2	23.9	9.5	2.3	.5	.2		.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2172



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART D CEILING VERSUS VISIBILITY

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

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

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

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

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	≥ 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					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
 For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
 Ceiling  $\geq 500$  feet = 98.1%.

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

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  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  $> 1$  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.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

ALL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥½	≥0
NO CEILING	30.8	45.6	50.9	57.2	62.5	64.7	67.4	68.9	69.4	70.1	70.4	70.4	70.5	70.6	70.6	70.7
≥ 20000	32.8	48.4	54.0	60.8	66.3	68.6	71.5	73.2	73.7	74.5	74.8	74.8	75.0	75.0	75.0	75.1
IV 18000	32.9	48.6	54.2	60.8	66.5	68.8	71.7	73.4	73.9	74.7	75.0	75.0	75.2	75.2	75.3	75.4
16000	33.1	48.9	54.5	61.2	66.9	69.2	72.1	73.8	74.4	75.2	75.5	75.5	75.7	75.7	75.8	75.8
IV 14000	33.6	49.6	55.3	62.1	67.8	70.2	73.2	74.9	75.5	76.3	76.6	76.6	76.7	76.8	76.8	76.9
12000	34.1	50.3	56.1	63.0	68.8	71.2	74.3	76.0	76.6	77.4	77.7	77.8	77.9	77.9	78.0	78.1
IV 10000	34.4	50.8	56.7	63.6	69.5	71.9	75.0	76.8	77.4	78.2	78.5	78.6	78.7	78.8	78.8	78.9
9000	34.6	51.0	56.9	63.8	69.8	72.2	75.3	77.1	77.7	78.5	78.8	78.9	79.0	79.0	79.1	79.2
IV 8000	34.8	51.3	57.2	64.1	70.1	72.6	75.7	77.5	78.1	79.0	79.3	79.3	79.3	79.5	79.5	79.6
7000	34.9	51.6	57.5	64.4	70.4	72.9	76.0	77.9	78.5	79.3	79.6	79.7	79.8	79.8	79.9	80.0
IV 6000	35.2	52.0	58.0	65.0	71.0	73.5	76.6	78.4	79.0	79.9	80.2	80.2	80.4	80.4	80.5	80.6
5000	35.8	52.0	59.1	66.1	72.2	74.6	77.8	79.6	80.3	81.1	81.4	81.5	81.6	81.6	81.7	81.8
IV 4500	36.2	53.7	59.8	66.9	72.9	75.4	78.6	80.4	81.0	81.9	82.2	82.3	82.4	82.4	82.5	82.6
4000	36.8	54.7	60.9	68.1	74.2	76.7	79.9	81.7	82.4	83.2	83.5	83.6	83.7	83.8	83.8	83.9
IV 3500	37.3	55.8	62.1	69.4	75.6	78.2	81.4	83.2	83.8	84.7	85.0	85.1	85.2	85.2	85.3	85.4
3000	37.8	57.0	63.5	70.9	77.3	79.7	83.1	85.0	85.6	86.5	86.8	86.9	87.0	87.1	87.1	87.2
IV 2500	38.2	58.1	64.8	72.5	79.0	81.7	85.0	87.0	87.6	88.5	88.8	88.8	89.0	89.0	89.1	89.2
2000	38.5	59.2	66.1	74.2	81.0	83.8	87.3	89.3	89.9	90.8	91.2	91.2	91.4	91.4	91.5	91.5
IV 1800	38.6	59.4	66.5	74.7	81.6	84.5	88.0	90.1	90.8	91.7	92.0	92.0	92.2	92.2	92.3	92.4
1500	38.7	59.9	67.1	75.5	82.7	85.6	89.3	91.5	92.2	93.2	93.5	93.6	93.7	93.8	93.8	93.9
IV 1200	38.7	60.1	67.4	76.0	83.4	86.5	90.4	92.7	93.5	94.5	94.9	94.9	95.1	95.1	95.2	95.3
1000	38.7	60.2	67.6	76.2	83.8	87.0	91.1	93.6	94.4	95.5	95.9	96.0	96.2	96.2	96.3	96.4
IV 900	38.7	60.2	67.6	76.3	83.9	87.1	91.3	93.8	94.7	95.9	96.3	96.4	96.6	96.6	96.7	96.8
800	38.7	60.2	67.6	76.3	84.0	87.2	91.5	94.1	95.0	96.3	96.8	96.8	97.0	97.1	97.1	97.2
IV 700	38.7	60.2	67.7	76.4	84.1	87.3	91.7	94.3	95.3	96.6	97.1	97.2	97.4	97.4	97.5	97.6
600	38.7	60.2	67.7	76.4	84.2	87.4	91.8	94.5	95.5	96.9	97.5	97.5	97.8	97.8	97.9	98.0
IV 500	38.7	60.2	67.7	76.4	84.2	87.4	91.9	94.7	95.7	97.2	97.8	97.9	98.2	98.3	98.3	98.4
400	38.7	60.2	67.7	76.4	84.2	87.5	92.0	94.8	95.8	97.4	98.1	98.2	98.5	98.5	98.6	98.7
IV 300	38.7	60.2	67.7	76.4	84.2	87.5	92.0	94.8	95.8	97.5	98.2	98.3	98.7	98.8	98.9	99.0
200	38.7	60.2	67.7	76.4	84.2	87.5	92.0	94.9	95.9	97.5	98.3	98.4	98.9	99.0	99.2	99.3
IV 100	38.7	60.2	67.7	76.4	84.2	87.5	92.0	94.9	95.9	97.5	98.4	98.5	98.9	99.1	99.3	99.5
0	38.7	60.2	67.7	76.4	84.2	87.5	92.0	94.9	95.9	97.6	98.4	98.5	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

258971

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 23122 NORTON AFB CALIF/SAN BERNARDINO 43-72 YEARS: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	46.8	54.5	56.6	59.2	61.1	61.7	62.9	63.6	64.0	64.6	65.0	65.1	65.4	65.5	65.7	66.0
≥ 20000	50.9	59.7	62.3	65.2	67.3	68.2	69.5	70.4	70.8	71.6	71.9	72.0	72.4	72.5	72.7	73.0
IV 18000	51.1	60.0	62.9	65.5	67.6	68.4	69.8	70.6	71.1	71.8	72.2	72.3	72.6	72.7	72.9	73.3
IV 16000	51.5	60.4	63.0	66.0	68.2	69.0	70.4	71.3	71.7	72.5	72.9	72.9	73.3	73.4	73.6	73.9
IV 14000	52.5	61.7	64.3	67.3	69.5	70.5	71.8	72.7	73.1	73.9	74.3	74.4	74.8	74.8	75.1	75.4
IV 12000	53.4	62.8	65.4	68.5	70.8	71.8	73.2	74.1	74.5	75.3	75.7	75.8	76.1	76.2	76.4	76.8
IV 10000	53.8	63.5	66.2	69.3	71.7	72.6	74.1	75.0	75.4	76.3	76.7	76.8	77.1	77.2	77.5	77.8
IV 9000	54.0	63.7	66.4	69.5	71.9	72.9	74.3	75.3	75.7	76.6	77.0	77.1	77.4	77.5	77.7	78.1
IV 8000	54.3	64.1	66.8	70.0	72.3	73.3	74.8	75.7	76.2	77.0	77.4	77.5	77.9	78.0	78.2	78.5
IV 7000	54.6	64.4	67.2	70.4	72.8	73.8	75.3	76.3	76.7	77.6	78.0	78.1	78.4	78.5	78.8	79.1
IV 6000	54.9	65.0	67.8	71.0	73.4	74.5	76.0	76.9	77.4	78.2	78.6	78.7	79.1	79.2	79.4	79.8
IV 5000	55.6	66.2	69.2	72.5	75.0	76.0	77.5	78.5	78.9	79.8	80.2	80.3	80.7	80.8	81.0	81.3
IV 4500	55.9	66.8	69.8	73.2	75.7	76.7	78.3	79.2	79.7	80.6	81.0	81.1	81.4	81.5	81.7	82.1
IV 4000	56.3	67.8	71.0	74.4	77.0	78.1	79.7	80.7	81.1	82.0	82.4	82.5	82.9	83.0	83.2	83.5
IV 3500	57.1	69.1	72.5	76.1	78.7	79.8	81.5	82.5	83.0	83.9	84.3	84.4	84.7	84.8	85.0	85.4
IV 3000	57.5	70.5	74.0	77.9	80.7	81.8	83.6	84.6	85.2	86.1	86.5	86.6	86.9	87.0	87.3	87.6
IV 2500	57.9	71.8	75.5	79.7	82.7	83.9	85.7	86.8	87.4	88.3	88.7	88.9	89.2	89.3	89.6	89.9
IV 2000	58.3	73.0	77.0	81.4	84.7	86.0	87.9	89.1	89.7	90.7	91.2	91.3	91.7	91.8	92.0	92.4
IV 1800	58.3	73.2	77.3	81.9	85.3	86.6	88.6	89.8	90.4	91.5	91.9	92.0	92.4	92.5	92.7	93.1
IV 1500	58.5	73.8	78.0	82.8	86.4	87.7	89.9	91.2	91.9	93.0	93.5	93.6	94.0	94.0	94.3	94.6
IV 1200	58.5	74.1	78.5	83.4	87.2	88.6	90.9	92.3	93.0	94.2	94.7	94.9	95.3	95.4	95.6	96.0
IV 1000	58.6	74.3	78.7	83.8	87.6	89.0	91.5	92.9	93.6	95.0	95.6	95.7	96.1	96.2	96.5	96.8
IV 900	58.6	74.3	78.8	83.8	87.7	89.2	91.7	93.1	93.8	95.3	95.9	96.0	96.4	96.5	96.8	97.1
IV 800	58.6	74.4	78.8	83.9	87.8	89.3	91.8	93.3	94.0	95.4	96.1	96.2	96.7	96.8	97.0	97.4
IV 700	58.6	74.4	78.8	84.0	87.9	89.4	92.0	93.4	94.2	95.7	96.4	96.5	97.0	97.1	97.3	97.7
IV 600	58.6	74.4	78.9	84.0	88.0	89.5	92.0	93.5	94.3	95.9	96.5	96.7	97.1	97.2	97.5	97.9
IV 500	58.6	74.4	78.9	84.1	88.1	89.6	92.1	93.7	94.5	96.1	96.8	97.0	97.5	97.6	97.9	98.3
IV 400	58.6	74.4	78.9	84.1	88.1	89.6	92.2	93.8	94.6	96.3	97.0	97.2	97.8	98.0	98.3	98.6
IV 300	58.6	74.4	78.9	84.1	88.1	89.6	92.2	93.8	94.7	96.4	97.2	97.4	98.0	98.2	98.6	99.1
IV 200	58.6	74.4	78.9	84.1	88.1	89.6	92.2	93.8	94.7	96.4	97.2	97.4	98.0	98.3	98.8	99.3
IV 100	58.6	74.4	78.9	84.1	88.1	89.6	92.2	93.8	94.7	96.4	97.2	97.4	98.1	98.3	98.8	99.3
IV 0	58.6	74.4	78.9	84.1	88.1	89.6	92.2	93.8	94.7	96.4	97.2	97.4	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 21811



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MIRTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥5/16	¾	≥0	
NO CEILING	41.1	49.4	52.2	55.0	57.3	58.2	59.6	60.5	60.9	61.5	61.7	61.7	61.9	62.0	62.1	62.2
≥ 20000	44.4	53.9	57.1	60.3	63.3	64.1	65.8	66.9	67.4	68.2	68.6	68.6	68.9	68.9	69.0	69.2
IV 18000	44.6	54.1	57.3	60.5	63.2	64.3	66.0	67.1	67.7	68.4	68.8	68.9	69.1	69.2	69.3	69.4
IV 16000	45.2	54.8	58.0	61.2	64.0	65.1	66.8	67.9	68.5	69.3	69.7	69.7	70.0	70.0	70.2	70.3
IV 14000	46.0	55.9	59.2	62.6	65.4	66.6	68.3	69.5	70.1	70.9	71.3	71.4	71.6	71.6	71.8	71.9
IV 12000	46.6	56.6	60.0	63.4	66.2	67.5	69.3	70.5	71.1	71.9	72.2	72.4	72.7	72.7	72.8	73.0
IV 10000	47.0	57.2	60.7	64.1	67.0	68.2	70.1	71.3	71.9	72.7	73.1	73.2	73.5	73.5	73.6	73.8
IV 9000	47.1	57.4	61.0	64.4	67.3	68.5	70.4	71.7	72.2	73.1	73.5	73.6	73.9	73.9	74.1	74.2
IV 8000	47.5	57.9	61.4	64.9	67.9	69.1	71.1	72.3	72.9	73.8	74.2	74.3	74.6	74.6	74.7	74.9
IV 7000	47.8	58.3	61.7	65.4	68.4	69.6	71.7	72.9	73.5	74.4	74.8	74.9	75.2	75.2	75.4	75.5
IV 6000	48.3	59.0	62.0	66.2	69.2	70.4	72.5	73.7	74.3	75.2	75.6	75.7	76.0	76.0	76.2	76.3
IV 5000	49.0	60.4	64.1	67.7	70.8	72.1	74.2	75.5	76.1	77.0	77.4	77.5	77.8	77.8	78.0	78.1
IV 4500	49.5	61.1	64.9	68.6	71.7	73.0	75.1	76.4	77.0	77.9	78.3	78.4	78.7	78.6	78.9	79.0
IV 4000	50.2	62.3	66.4	70.1	73.3	74.6	76.8	78.1	78.7	79.6	80.0	80.1	80.4	80.3	80.6	80.7
IV 3500	51.0	64.1	68.1	72.0	75.3	76.6	78.8	80.2	80.8	81.7	82.1	82.2	82.5	82.6	82.7	82.8
IV 3000	52.0	66.2	70.4	74.5	78.0	79.4	81.6	82.9	83.6	84.6	85.0	85.1	85.4	85.4	85.6	85.7
IV 2500	52.8	68.0	72.5	76.9	80.5	82.0	84.3	85.8	86.4	87.4	87.9	88.0	88.3	88.3	88.5	88.6
IV 2000	53.2	69.5	74.3	79.1	82.9	84.5	87.0	88.6	89.2	90.3	90.8	90.9	91.2	91.3	91.4	91.5
IV 1800	53.3	69.8	74.7	79.6	83.6	85.2	87.8	89.4	90.1	91.2	91.7	91.8	92.1	92.2	92.3	92.4
IV 1500	53.3	70.3	75.3	80.4	84.6	86.2	89.1	90.8	91.5	92.7	93.2	93.3	93.7	93.7	93.9	94.0
IV 1200	53.4	70.5	75.8	81.1	85.6	87.4	90.3	92.1	92.8	94.2	94.7	94.8	95.2	95.3	95.4	95.6
IV 1000	53.4	70.7	76.0	81.4	86.0	87.8	90.9	92.9	93.7	95.1	95.7	95.9	96.2	96.3	96.4	96.6
IV 900	53.4	70.7	76.0	81.4	86.1	87.9	91.1	93.0	93.9	95.3	95.9	96.0	96.4	96.5	96.7	96.8
IV 800	53.4	70.8	76.1	81.5	86.2	88.0	91.3	93.2	94.1	95.6	96.2	96.3	96.8	96.9	97.0	97.2
IV 700	53.4	70.8	76.1	81.5	86.2	88.1	91.4	93.4	94.3	95.8	96.5	96.6	97.0	97.1	97.3	97.4
IV 600	53.4	70.8	76.1	81.5	86.4	88.2	91.5	93.5	94.4	95.9	96.7	96.8	97.3	97.4	97.5	97.7
IV 500	53.4	70.8	76.1	81.6	86.4	88.2	91.5	93.6	94.5	96.2	97.0	97.1	97.6	97.7	97.9	98.0
IV 400	53.4	70.8	76.1	81.6	86.4	88.3	91.6	93.7	94.6	96.3	97.1	97.2	97.9	98.0	98.1	98.2
IV 300	53.4	70.8	76.1	81.6	86.5	88.3	91.6	93.8	94.7	96.4	97.2	97.4	98.0	98.1	98.4	98.6
IV 200	53.4	70.8	76.1	81.6	86.5	88.3	91.7	93.8	94.7	96.5	97.3	97.5	98.2	98.4	98.7	98.9
IV 100	53.4	70.8	76.1	81.6	86.5	88.3	91.7	93.8	94.8	96.5	97.4	97.6	98.3	98.4	98.8	99.1
IV 0	53.4	70.8	76.1	81.6	86.5	88.3	91.7	93.9	94.8	96.6	97.5	97.7	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 19926

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	30.0	41.0	44.4	48.7	51.0	53.2	55.1	56.3	56.9	57.6	57.8	57.8	58.0	58.0	58.0	58.1
≥ 20000	33.7	44.8	48.6	53.3	57.0	58.7	60.8	62.2	62.9	63.8	64.1	64.1	64.3	64.3	64.4	64.4
IV 18000	33.8	45.0	48.8	53.5	57.2	59.0	61.1	62.5	63.2	64.0	64.4	64.4	64.6	64.6	64.6	64.7
IV 16000	34.3	45.6	49.4	54.1	57.9	59.7	61.9	63.3	63.9	64.8	65.1	65.2	65.3	65.4	65.4	65.4
IV 14000	34.9	46.5	50.3	55.1	58.9	60.7	63.0	64.4	65.1	66.0	66.3	66.3	66.5	66.5	66.6	66.6
IV 12000	35.4	47.1	51.0	55.9	59.8	61.6	63.9	65.3	66.0	66.9	67.2	67.3	67.5	67.5	67.5	67.6
IV 10000	35.6	47.4	51.4	56.3	60.3	62.1	64.4	65.9	66.5	67.4	67.7	67.8	68.0	68.0	68.0	68.1
IV 9000	35.8	47.7	51.7	56.7	60.6	62.4	64.7	66.2	66.9	67.8	68.1	68.1	68.3	68.4	68.4	68.4
IV 8000	36.0	48.0	52.0	57.0	60.9	62.8	65.1	66.6	67.3	68.1	68.5	68.5	68.7	68.7	68.8	68.8
IV 7000	36.2	48.2	52.2	57.2	61.2	63.0	65.4	66.9	67.6	68.5	68.8	68.8	69.0	69.1	69.1	69.1
IV 6000	36.6	48.9	52.9	58.0	62.0	63.9	66.2	67.8	68.4	69.4	69.7	69.7	69.9	69.9	70.0	70.0
IV 5000	37.4	50.5	54.7	59.9	64.0	65.8	68.2	69.7	70.4	71.3	71.6	71.7	71.9	71.9	71.9	72.0
IV 4500	38.1	51.7	56.0	61.3	65.4	67.3	69.6	71.2	71.9	72.8	73.1	73.1	73.3	73.4	73.4	73.4
IV 4000	39.4	53.8	58.4	63.8	68.0	69.9	72.3	73.9	74.6	75.5	75.8	75.9	76.1	76.1	76.1	76.2
IV 3500	40.6	56.1	60.9	66.4	70.9	72.8	75.3	76.8	77.5	78.5	78.8	78.8	79.0	79.0	79.1	79.1
IV 3000	41.7	58.5	63.7	69.6	74.1	76.2	78.7	80.3	81.0	82.0	82.3	82.3	82.5	82.6	82.6	82.6
IV 2500	42.5	60.8	66.4	72.7	77.5	79.6	82.3	84.0	84.7	85.7	86.0	86.0	86.2	86.2	86.3	86.3
IV 2000	43.1	62.9	69.1	75.8	81.1	83.3	85.3	88.1	88.8	89.8	90.1	90.2	90.4	90.4	90.4	90.5
IV 1800	43.2	63.5	69.7	76.7	82.1	84.4	87.4	89.3	90.0	91.0	91.4	91.4	91.6	91.6	91.7	91.7
IV 1500	43.4	64.2	70.7	77.9	83.6	86.0	89.3	91.3	92.1	93.2	93.5	93.5	93.7	93.8	93.8	93.9
IV 1200	43.5	64.7	71.4	78.8	84.8	87.2	90.8	92.9	93.8	95.0	95.3	95.4	95.6	95.6	95.6	95.7
IV 1000	43.6	64.9	71.6	79.2	85.4	87.9	91.7	94.0	94.9	96.2	96.5	96.6	96.8	96.8	96.9	96.9
IV 900	43.6	64.9	71.7	79.3	85.4	88.0	91.9	94.2	95.2	96.5	96.9	96.9	97.1	97.2	97.2	97.3
IV 800	43.6	65.0	71.7	79.3	85.5	88.1	92.1	94.5	95.5	96.9	97.3	97.4	97.6	97.7	97.7	97.7
IV 700	43.6	65.0	71.8	79.4	85.6	88.2	92.2	94.7	95.7	97.1	97.6	97.6	97.9	97.9	98.0	98.0
IV 500	43.6	65.0	71.8	79.4	85.7	88.3	92.3	94.9	95.9	97.3	97.8	97.9	98.1	98.2	98.3	98.3
IV 400	43.6	65.0	71.8	79.4	85.7	88.4	92.4	95.0	96.0	97.5	98.0	98.1	98.4	98.5	98.5	98.6
IV 300	43.6	65.0	71.8	79.4	85.8	88.4	92.5	95.1	96.1	97.6	98.2	98.3	98.6	98.7	98.8	98.8
IV 200	43.6	65.0	71.8	79.4	85.8	88.4	92.6	95.2	96.2	97.8	98.4	98.5	98.8	99.0	99.1	99.1
IV 100	43.6	65.0	71.8	79.4	85.8	88.4	92.6	95.2	96.3	97.9	98.6	98.7	99.1	99.3	99.3	99.6
IV 0	43.6	65.0	71.8	79.4	85.8	88.4	92.6	95.2	96.3	97.9	98.6	98.7	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 22077

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72 APR  
STATION MONTH YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔	≥10	≥0
NO CEILING	25.3	37.8	42.4	47.7	52.0	53.7	55.9	57.3	57.7	58.4	58.6	58.6	58.7	58.7	58.8	58.8
IV 20000	26.8	40.3	45.2	51.0	55.7	57.0	60.1	61.6	62.0	62.7	63.0	63.0	63.2	63.2	63.2	63.2
IV 18000	26.9	40.3	45.4	51.2	56.0	57.8	60.3	61.8	62.2	63.0	63.2	63.3	63.4	63.4	63.4	63.5
IV 16000	27.0	40.6	45.6	51.4	56.2	58.0	60.6	62.1	62.5	63.2	63.5	63.5	63.7	63.7	63.7	63.7
IV 14000	27.2	41.0	46.0	51.9	56.7	58.6	61.1	62.7	63.0	63.8	64.1	64.1	64.2	64.3	64.3	64.3
IV 12000	27.5	41.4	46.4	52.3	57.1	59.1	61.6	63.2	63.5	64.3	64.6	64.6	64.8	64.8	64.8	64.8
IV 10000	27.7	41.9	46.9	52.9	57.7	59.7	62.2	63.8	64.2	64.9	65.2	65.3	65.4	65.4	65.5	65.5
IV 9000	27.8	42.2	47.0	53.0	57.9	59.8	62.3	63.9	64.3	65.1	65.4	65.4	65.5	65.5	65.6	65.6
IV 8000	28.0	42.3	47.4	53.4	58.2	60.2	62.7	64.3	64.6	65.4	65.7	65.8	65.9	65.9	65.9	65.9
IV 7000	28.2	42.5	47.5	53.7	58.5	60.4	63.0	64.5	64.9	65.7	66.0	66.0	66.2	66.2	66.2	66.2
IV 6000	28.5	43.0	48.1	54.2	59.1	61.0	63.6	65.1	65.5	66.3	66.6	66.6	66.8	66.8	66.8	66.8
IV 5000	29.7	44.8	50.0	56.1	61.0	62.9	65.5	67.1	67.4	68.2	68.5	68.6	68.7	68.7	68.7	68.8
IV 4500	30.4	46.1	51.4	57.6	62.4	64.4	67.0	68.5	68.9	69.7	70.0	70.0	70.2	70.2	70.2	70.2
IV 4000	31.9	48.9	54.3	60.6	65.6	67.6	70.2	71.8	72.1	72.9	73.2	73.3	73.4	73.4	73.4	73.5
IV 3500	33.1	51.1	55.8	63.3	68.4	70.4	73.1	74.6	75.0	75.8	76.1	76.2	76.3	76.3	76.3	76.4
IV 3000	34.2	53.4	59.4	66.2	71.6	73.7	76.4	78.0	78.4	79.2	79.5	79.5	79.7	79.7	79.7	79.7
IV 2500	35.0	55.6	62.0	69.3	75.0	77.2	80.1	81.7	82.1	83.0	83.2	83.3	83.4	83.4	83.5	83.5
IV 2000	35.7	57.7	64.7	72.6	78.9	81.2	84.4	86.1	86.5	87.4	87.7	87.7	87.9	87.9	87.9	87.9
IV 1800	35.9	58.4	65.5	73.5	80.0	82.3	85.6	87.4	87.9	88.8	89.1	89.1	89.3	89.3	89.3	89.3
IV 1500	36.1	59.1	66.4	74.8	81.6	84.1	87.7	89.7	90.2	91.1	91.4	91.4	91.6	91.6	91.7	91.7
IV 1200	36.1	59.4	67.0	75.6	83.0	85.6	89.5	91.6	92.2	93.2	93.6	93.6	93.8	93.8	93.8	93.8
IV 1000	36.2	59.6	67.3	76.1	83.8	86.6	90.8	93.1	93.7	94.9	95.3	95.4	95.5	95.6	95.6	95.6
IV 900	36.2	59.7	67.4	76.2	83.9	86.7	91.0	93.3	94.0	95.2	95.7	95.7	95.9	95.9	95.9	96.0
IV 800	36.2	59.7	67.4	76.3	84.1	87.0	91.3	93.7	94.4	95.8	96.3	96.3	96.5	96.6	96.6	96.6
IV 700	36.2	59.7	67.4	76.3	84.2	87.1	91.4	93.9	94.7	96.1	96.7	96.8	97.0	97.0	97.0	97.0
IV 600	36.2	59.7	67.4	76.3	84.2	87.1	91.6	94.1	94.9	96.4	97.1	97.1	97.4	97.4	97.4	97.4
IV 500	36.2	59.7	67.5	76.3	84.3	87.2	91.7	94.3	95.2	96.8	97.5	97.6	97.9	97.9	98.0	98.0
IV 400	36.2	59.7	67.5	76.3	84.3	87.2	91.7	94.4	95.3	97.0	97.8	97.9	98.2	98.2	98.2	98.2
IV 300	36.2	59.7	67.5	76.3	84.3	87.2	91.7	94.5	95.3	97.1	97.9	98.0	98.4	98.5	98.6	98.6
IV 200	36.2	59.7	67.5	76.4	84.3	87.2	91.8	94.5	95.4	97.2	98.1	98.2	98.6	98.7	98.8	98.9
IV 100	36.2	59.7	67.5	76.4	84.3	87.2	91.8	94.5	95.4	97.2	98.1	98.2	98.7	98.8	98.9	99.1
IV 0	36.2	59.7	67.5	76.4	84.3	87.2	91.8	94.6	95.4	97.3	98.2	98.3	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 20798

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDING  
STATION NAME

43-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	17.9	33.7	39.7	46.1	52.1	54.5	57.8	59.4	59.9	60.5	60.7	60.7	60.8	60.8	60.8	60.8
≥ 20000	18.9	35.8	42.1	49.1	55.6	58.2	61.7	63.5	64.0	64.7	64.9	65.0	65.0	65.1	65.1	65.1
IV 18000	16.9	35.9	42.2	49.2	55.7	58.3	61.8	63.6	64.2	64.9	65.1	65.1	65.2	65.2	65.2	65.2
16000	19.0	36.0	42.3	49.4	55.8	58.5	62.0	63.8	64.3	65.1	65.2	65.3	65.4	65.4	65.4	65.4
IV 14000	19.0	36.2	42.5	49.6	56.1	58.8	62.3	64.1	64.7	65.4	65.6	65.6	65.7	65.7	65.7	65.7
12000	19.1	36.4	42.8	49.9	56.6	59.3	62.8	64.6	65.2	65.9	66.1	66.1	66.2	66.2	66.2	66.2
IV 10000	19.2	36.5	43.0	50.2	56.9	59.6	63.2	65.0	65.5	66.3	66.4	66.5	66.6	66.6	66.6	66.6
9000	19.2	36.5	43.0	50.2	56.9	59.6	63.2	65.0	65.6	66.3	66.5	66.5	66.6	66.6	66.6	66.7
IV 8000	19.3	36.7	43.2	50.4	57.1	59.9	63.5	65.3	65.8	66.6	66.8	66.8	66.9	66.9	66.9	66.9
7000	19.4	36.8	43.4	50.6	57.4	60.1	63.7	65.5	66.1	66.8	67.0	67.0	67.1	67.1	67.1	67.2
IV 6000	19.6	37.3	43.8	51.0	57.8	60.6	64.2	66.0	66.6	67.3	67.5	67.5	67.6	67.6	67.6	67.7
5000	20.6	38.6	45.2	52.6	59.4	62.2	65.8	67.6	68.2	68.9	69.1	69.1	69.2	69.2	69.2	69.2
IV 4500	21.3	39.8	46.5	53.8	60.7	63.5	67.0	68.9	69.4	70.2	70.4	70.4	70.5	70.5	70.5	70.5
4000	22.1	41.3	48.1	55.5	62.4	65.3	68.8	70.7	71.2	72.0	72.2	72.2	72.3	72.3	72.3	72.3
IV 3500	22.9	43.0	50.0	57.6	64.7	67.6	71.2	73.0	73.6	74.3	74.5	74.5	74.6	74.6	74.6	74.7
3000	23.6	44.8	52.2	60.2	67.4	70.4	74.0	75.9	76.5	77.2	77.4	77.4	77.5	77.5	77.5	77.6
IV 100	24.2	46.7	54.5	63.0	70.5	73.5	77.3	79.2	79.8	80.5	80.7	80.7	80.8	80.8	80.8	80.9
2000	24.6	48.4	56.7	65.2	74.0	77.4	81.4	83.4	83.9	84.7	84.9	84.9	85.0	85.0	85.1	85.1
IV 1800	24.6	48.8	57.4	66.8	75.3	78.8	82.9	84.9	85.5	86.3	86.5	86.5	86.6	86.6	86.6	86.7
1500	24.7	49.5	58.5	68.4	77.5	81.3	85.6	87.9	88.5	89.3	89.5	89.5	89.6	89.6	89.7	89.7
IV 1200	24.8	49.8	59.0	69.4	78.9	83.0	87.7	90.3	91.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3
1000	24.8	49.9	59.2	69.8	79.7	83.9	89.1	92.0	92.8	93.9	94.1	94.2	94.3	94.3	94.3	94.4
IV 900	24.8	49.9	59.2	69.9	79.9	84.2	89.5	92.6	93.5	94.7	95.0	95.0	95.1	95.1	95.2	95.2
800	24.8	49.9	59.3	69.9	80.0	84.3	89.8	93.1	94.2	95.5	95.8	95.9	96.0	96.0	96.0	96.0
IV 700	24.8	49.9	59.3	69.9	80.1	84.4	90.0	93.4	94.5	96.0	96.4	96.5	96.6	96.6	96.6	96.7
600	24.8	49.9	59.3	70.0	80.2	84.5	90.2	93.7	94.9	96.5	97.0	97.1	97.2	97.2	97.3	97.3
IV 500	24.8	49.9	59.3	70.0	80.2	84.6	90.4	94.0	95.2	96.9	97.6	97.7	97.9	97.9	98.0	98.0
400	24.8	49.9	59.3	70.0	80.2	84.6	90.5	94.2	95.5	97.3	98.1	98.2	98.4	98.4	98.5	98.5
IV 300	24.8	49.9	59.3	70.0	80.2	84.7	90.5	94.3	95.5	97.5	98.3	98.4	98.6	98.6	98.9	98.9
200	24.8	49.9	59.3	70.0	80.2	84.7	90.5	94.3	95.6	97.6	98.4	98.6	99.0	99.1	99.2	99.3
IV 100	24.8	49.9	59.3	70.0	80.2	84.7	90.5	94.3	95.6	97.6	98.5	98.6	99.1	99.1	99.3	99.4
0	24.8	49.9	59.3	70.0	80.2	84.7	90.5	94.3	95.6	97.6	98.5	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

22177

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTH AFB CALIF/SAN BERNARDINO

43-72

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	≥0
NO CEILING	13.3	31.6	40.9	51.0	61.0	65.0	69.0	71.4	72.0	72.7	72.9	72.9	72.9	72.9	73.0	73.0
≥ 20000	13.5	32.2	41.6	52.7	62.2	66.3	70.4	72.8	73.4	74.1	74.3	74.3	74.3	74.4	74.4	74.4
IV 18000	13.5	32.2	41.6	52.8	62.2	66.3	70.5	72.8	73.4	74.2	74.4	74.4	74.4	74.4	74.5	74.5
IV 16000	13.5	32.2	41.7	52.9	62.3	66.4	70.6	72.9	73.6	74.3	74.5	74.5	74.5	74.5	74.6	74.6
IV 14000	13.6	32.4	41.9	53.1	62.6	66.7	70.8	73.3	73.9	74.6	74.8	74.8	74.8	74.9	74.9	74.9
IV 12000	13.7	32.6	42.2	53.4	63.0	67.1	71.4	73.8	74.4	75.2	75.4	75.4	75.4	75.4	75.5	75.5
IV 10000	13.8	32.7	42.2	53.5	63.1	67.3	71.5	74.0	74.6	75.4	75.5	75.5	75.6	75.6	75.7	75.7
IV 9000	13.8	32.7	42.3	53.5	63.2	67.3	71.5	74.0	74.6	75.4	75.6	75.6	75.6	75.6	75.7	75.7
IV 8000	13.8	32.8	42.3	53.6	63.2	67.4	71.7	74.1	74.8	75.5	75.7	75.7	75.7	75.8	75.8	75.9
IV 7000	13.9	32.9	42.4	53.7	63.3	67.5	71.8	74.2	74.9	75.6	75.8	75.8	75.8	75.9	75.9	76.0
IV 6000	14.0	33.0	42.6	53.9	63.5	67.7	71.9	74.4	75.0	75.8	76.0	76.0	76.0	76.0	76.1	76.1
IV 5000	14.2	33.3	43.1	54.4	64.0	68.2	72.4	74.9	75.5	76.3	76.5	76.5	76.5	76.5	76.6	76.6
IV 4500	14.3	34.0	43.5	54.9	64.5	68.7	73.0	75.4	76.1	76.8	77.0	77.0	77.0	77.1	77.1	77.2
IV 4000	14.6	34.6	44.2	55.6	65.3	69.5	73.8	76.3	76.9	77.7	77.8	77.8	77.9	77.9	78.0	78.0
IV 3500	15.1	35.4	45.1	56.6	66.5	70.7	74.9	77.4	78.1	78.8	79.0	79.0	79.1	79.1	79.2	79.2
IV 3000	15.3	36.3	46.2	57.9	67.9	72.2	76.5	79.0	79.6	80.4	80.6	80.6	80.6	80.6	80.7	80.7
IV 2500	15.8	37.2	47.3	59.4	69.7	74.1	78.5	81.0	81.7	82.4	82.6	82.6	82.6	82.7	82.7	82.8
IV 2000	16.1	38.3	48.8	61.2	72.0	76.7	81.3	83.9	84.6	85.4	85.5	85.5	85.6	85.6	85.7	85.7
IV 1800	16.1	38.7	49.3	61.9	72.9	77.7	82.5	85.2	85.8	86.6	86.8	86.8	86.8	86.9	86.9	87.0
IV 1500	16.2	39.2	50.0	62.9	74.2	79.6	84.6	87.5	88.1	89.0	89.2	89.2	89.3	89.3	89.4	89.4
IV 1200	16.2	39.4	50.4	63.7	75.7	81.1	86.6	89.8	90.5	91.5	91.7	91.7	91.8	91.8	91.9	91.9
IV 1000	16.3	39.5	50.5	63.9	76.3	81.9	87.8	91.4	92.3	93.5	93.8	93.8	93.8	93.9	93.9	94.0
IV 900	16.3	39.5	50.5	64.0	76.5	82.2	88.3	92.1	93.0	94.3	94.6	94.6	94.7	94.7	94.8	94.8
IV 800	16.3	39.6	50.6	64.1	76.7	82.5	88.9	92.8	93.9	95.3	95.7	95.7	95.8	95.8	95.9	96.0
IV 700	16.3	39.6	50.6	64.2	76.8	82.7	89.3	93.4	94.5	96.1	96.6	96.6	96.8	96.8	96.8	96.9
IV 600	16.3	39.6	50.6	64.2	76.9	82.9	89.5	93.8	95.0	96.8	97.3	97.4	97.5	97.6	97.6	97.7
IV 500	16.3	39.6	50.6	64.2	77.0	83.0	89.7	94.2	95.4	97.5	98.2	98.2	98.4	98.5	98.5	98.6
IV 400	16.3	39.6	50.6	64.3	77.0	83.0	89.8	94.3	95.6	97.8	98.6	98.6	98.9	99.1	99.2	99.3
IV 300	16.3	39.6	50.6	64.3	77.0	83.0	89.8	94.4	95.7	97.9	98.8	98.9	99.2	99.4	99.5	99.7
IV 200	16.3	39.6	50.6	64.3	77.0	83.0	89.8	94.4	95.7	97.9	98.8	98.9	99.4	99.5	99.6	99.8
IV 100	16.3	39.6	50.6	64.3	77.0	83.0	89.8	94.4	95.7	97.9	98.8	98.9	99.4	99.5	99.6	99.8
IV 0	16.3	39.6	50.6	64.3	77.0	83.0	89.8	94.4	95.7	97.9	98.8	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

21205

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22122 NORTH AFB CALIF/SAN BERNARDINO 43-72 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	18.7	46.1	55.9	66.9	76.0	79.3	83.4	85.4	85.9	86.4	86.6	86.5	86.7	86.7	86.7	86.7
≥ 20000	19.2	47.4	57.5	68.0	78.1	81.6	85.8	87.9	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.2
IV 18000	19.2	47.5	57.5	68.9	78.2	81.7	86.0	88.1	88.6	89.1	89.3	89.3	89.4	89.4	89.4	89.4
IV 16000	19.3	47.9	58.1	69.5	78.9	82.4	86.7	88.8	89.3	89.9	90.0	90.0	90.1	90.1	90.1	90.2
IV 14000	19.6	48.5	58.8	70.5	80.1	83.6	87.9	90.2	90.7	91.2	91.4	91.4	91.5	91.5	91.5	91.5
IV 12000	19.8	49.2	59.8	71.7	81.6	85.3	89.9	92.1	92.6	93.2	93.4	93.4	93.5	93.5	93.5	93.5
IV 10000	20.0	49.7	60.4	72.6	82.6	86.3	91.1	93.4	93.9	94.5	94.7	94.7	94.8	94.8	94.8	94.9
IV 9000	20.1	49.8	60.6	72.7	82.8	86.6	91.4	93.6	94.2	94.8	95.0	95.0	95.1	95.1	95.1	95.1
IV 8000	20.1	49.9	60.7	72.8	83.0	86.9	91.7	94.0	94.6	95.2	95.4	95.4	95.5	95.5	95.5	95.6
IV 7000	20.1	50.1	60.8	73.0	83.2	87.1	91.9	94.3	94.8	95.4	95.6	95.6	95.7	95.7	95.7	95.7
IV 6000	20.1	50.2	61.0	73.1	83.4	87.2	92.0	94.4	94.9	95.6	95.8	95.8	95.8	95.9	95.9	95.9
IV 5000	20.1	50.2	61.0	73.2	83.4	87.3	92.1	94.5	95.0	95.7	95.9	95.9	95.9	95.9	96.0	96.0
IV 4500	20.1	50.2	61.0	73.2	83.5	87.3	92.1	94.5	95.0	95.7	95.9	95.9	95.9	95.9	96.0	96.0
IV 4000	20.1	50.2	61.0	73.2	83.5	87.3	92.1	94.5	95.0	95.7	95.9	95.9	95.9	96.0	96.0	96.0
IV 3500	20.1	50.3	61.1	73.2	83.5	87.3	92.2	94.5	95.1	95.7	95.9	95.9	96.0	96.0	96.0	96.1
IV 3000	20.2	50.3	61.1	73.3	83.5	87.4	92.2	94.6	95.1	95.8	96.0	96.0	96.0	96.1	96.1	96.1
IV 2500	20.2	50.3	61.1	73.3	83.6	87.4	92.3	94.6	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.2
IV 2000	20.2	50.3	61.2	73.4	83.7	87.6	92.4	94.8	95.3	96.0	96.2	96.2	96.3	96.3	96.3	96.3
IV 1800	20.2	50.4	61.2	73.4	83.8	87.6	92.6	94.9	95.5	96.1	96.3	96.3	96.4	96.4	96.4	96.5
IV 1500	20.2	50.4	61.3	73.5	83.9	87.8	92.8	95.1	95.7	96.4	96.6	96.6	96.6	96.6	96.7	96.7
IV 1200	20.2	50.4	61.3	73.6	84.1	88.0	93.0	95.4	96.0	96.7	96.9	96.9	97.0	97.0	97.0	97.0
IV 1000	20.3	50.4	61.3	73.6	84.1	88.1	93.2	95.7	96.3	97.1	97.3	97.3	97.3	97.4	97.4	97.4
IV 900	20.2	50.4	61.3	73.6	84.2	88.2	93.3	95.9	96.5	97.3	97.5	97.5	97.6	97.6	97.6	97.7
IV 800	20.2	50.4	61.3	73.7	84.3	88.2	93.5	96.0	96.7	97.5	97.7	97.8	97.9	97.9	97.9	97.9
IV 700	20.2	50.4	61.3	73.7	84.3	88.3	93.6	96.3	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.3
IV 600	20.2	50.5	61.4	73.7	84.3	88.3	93.7	96.4	97.1	98.0	98.3	98.3	98.5	98.5	98.5	98.6
IV 500	20.2	50.5	61.4	73.7	84.4	88.4	93.8	96.5	97.2	98.2	98.6	98.6	98.7	98.8	98.8	98.8
IV 400	20.2	50.5	61.4	73.7	84.4	88.4	93.8	96.5	97.3	98.3	98.7	98.8	98.9	99.0	99.0	99.1
IV 300	20.2	50.5	61.4	73.7	84.4	88.4	93.8	96.6	97.3	98.4	98.8	98.8	99.1	99.1	99.2	99.2
IV 200	20.2	50.5	61.4	73.7	84.4	88.4	93.8	96.6	97.3	98.4	98.9	98.9	99.2	99.2	99.4	99.4
IV 100	20.2	50.5	61.4	73.7	84.4	88.4	93.8	96.6	97.3	98.4	99.0	99.0	99.3	99.3	99.5	99.5
IV 0	20.2	50.5	61.4	73.7	84.4	88.4	93.8	96.6	97.3	98.4	99.0	99.0	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 41996

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥0
NO CEILING	20.9	47.5	50.3	67.3	76.4	80.0	83.9	85.7	86.1	86.6	86.7	86.7	86.7	86.8	86.8	86.8
IV 2000	21.1	48.8	57.8	69.0	78.2	81.9	85.8	87.7	88.0	88.6	88.7	88.7	88.7	88.7	88.8	88.8
IV 18000	21.1	48.8	57.8	69.1	78.3	82.0	85.9	87.8	88.2	88.7	88.8	88.8	88.8	88.9	88.9	88.9
IV 16000	21.3	49.1	58.2	69.5	78.9	82.5	86.5	88.4	88.7	89.3	89.4	89.4	89.4	89.4	89.5	89.5
IV 14000	21.7	49.9	59.1	70.6	80.2	83.9	88.0	89.9	90.3	90.8	91.0	91.0	91.0	91.0	91.1	91.1
IV 12000	22.2	50.9	60.3	72.1	81.9	85.7	89.8	91.8	92.1	92.7	92.8	92.8	92.9	92.9	92.9	92.9
IV 10000	22.3	51.2	60.8	72.6	82.5	86.4	90.6	92.6	92.9	93.5	93.6	93.6	93.7	93.7	93.7	93.7
IV 9000	22.4	51.4	61.0	72.8	82.7	86.6	90.8	92.8	93.1	93.7	93.8	93.8	93.9	93.9	93.9	93.9
IV 8000	22.5	51.5	61.1	73.0	82.9	86.8	91.1	93.0	93.4	94.0	94.1	94.1	94.1	94.2	94.2	94.2
IV 7000	22.6	51.6	61.2	73.1	83.0	86.9	91.2	93.2	93.6	94.2	94.3	94.3	94.3	94.4	94.4	94.4
IV 6000	22.7	51.7	61.4	73.2	83.2	87.1	91.4	93.4	93.8	94.3	94.5	94.5	94.5	94.5	94.6	94.6
IV 5000	22.7	51.9	61.5	73.4	83.3	87.2	91.5	93.5	93.9	94.5	94.6	94.6	94.7	94.7	94.7	94.7
IV 4500	22.8	52.0	61.6	73.5	83.4	87.3	91.6	93.6	94.0	94.6	94.7	94.7	94.8	94.8	94.8	94.8
IV 4000	22.9	52.1	61.7	73.6	83.5	87.5	91.8	93.7	94.2	94.7	94.9	94.9	94.9	94.9	95.0	95.0
IV 3500	22.9	52.1	61.8	73.7	83.6	87.5	91.8	93.8	94.2	94.8	94.9	94.9	95.0	95.0	95.0	95.1
IV 3000	23.0	52.2	61.9	73.8	83.8	87.7	92.0	94.0	94.4	95.0	95.1	95.2	95.2	95.2	95.2	95.3
IV 2500	23.0	52.4	62.0	74.0	84.0	88.0	92.3	94.3	94.7	95.2	95.4	95.4	95.4	95.4	95.5	95.5
IV 2000	23.1	52.6	62.2	74.2	84.2	88.3	92.6	94.6	95.0	95.6	95.7	95.8	95.8	95.8	95.9	95.9
IV 1800	23.1	52.7	62.4	74.4	84.6	88.5	92.9	94.9	95.3	95.9	96.0	96.1	96.1	96.1	96.2	96.2
IV 1500	23.1	52.8	62.5	74.6	84.8	88.9	93.3	95.3	95.8	96.3	96.5	96.5	96.5	96.6	96.6	96.6
IV 1200	23.1	52.9	62.6	74.8	85.0	89.2	93.7	95.8	96.3	96.9	97.0	97.0	97.1	97.1	97.1	97.2
IV 1000	23.1	52.9	62.7	74.9	85.2	89.4	94.1	96.3	96.8	97.4	97.6	97.6	97.7	97.7	97.7	97.7
IV 900	23.1	52.9	62.7	74.9	85.3	89.5	94.2	96.5	97.0	97.7	97.9	97.9	98.0	98.0	98.1	98.1
IV 800	23.1	52.9	62.7	74.9	85.3	89.6	94.4	96.7	97.2	98.0	98.1	98.2	98.2	98.3	98.3	98.3
IV 700	23.1	52.9	62.7	74.9	85.4	89.6	94.5	96.9	97.4	98.2	98.5	98.5	98.6	98.6	98.6	98.6
IV 600	23.1	52.9	62.7	74.9	85.4	89.7	94.5	96.9	97.5	98.4	98.6	98.7	98.8	98.8	98.8	98.9
IV 500	23.1	52.9	62.7	74.9	85.4	89.7	94.6	97.1	97.7	98.6	98.9	99.0	99.1	99.1	99.2	99.2
IV 400	23.1	52.9	62.7	74.9	85.4	89.7	94.6	97.2	97.8	98.7	99.1	99.1	99.3	99.3	99.4	99.4
IV 300	23.1	52.9	62.7	74.9	85.4	89.7	94.7	97.2	97.8	98.8	99.2	99.2	99.4	99.5	99.5	99.5
IV 200	23.1	52.9	62.7	74.9	85.4	89.7	94.7	97.2	97.9	98.9	99.2	99.3	99.5	99.6	99.7	99.7
IV 100	23.1	52.9	62.7	74.9	85.4	89.7	94.7	97.2	97.9	98.9	99.3	99.3	99.6	99.8	99.8	99.8
IV 0	23.1	52.9	62.7	74.9	85.4	89.7	94.7	97.2	97.9	98.9	99.3	99.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

22262

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

TY

3

20  
26.7  
29.2  
39.4  
40.2  
41.5  
43.0  
44.9  
45.1  
45.6  
45.7  
45.9  
46.0  
46.0  
46.1  
46.1  
46.2  
46.3  
46.5  
46.7  
47.0  
47.4  
47.7  
47.9  
48.3  
48.6  
48.8  
49.1  
49.2  
49.4  
49.5  
50.0

1896

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION MORTON AFB CALIF/SAN BERNARDINO 43-72 YEARS SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS, L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING	23.5	46.5	54.0	63.1	71.2	74.4	75.4	80.8	81.5	82.4	82.5	82.5	82.6	82.6	82.7	82.7
≥ 20000	25.9	47.2	54.8	64.0	72.2	75.5	79.6	82.1	82.7	83.6	83.8	83.8	83.9	83.9	83.9	83.9
IV 18000	26.0	47.3	54.9	64.1	72.3	75.6	79.7	82.2	82.9	83.7	83.9	83.9	84.0	84.0	84.0	84.1
IV 16000	26.1	47.6	55.2	64.4	72.7	76.0	80.1	82.5	83.2	84.1	84.2	84.3	84.3	84.3	84.4	84.4
IV 14000	26.4	48.0	55.7	64.9	73.2	76.5	80.6	83.1	83.8	84.7	84.8	84.9	84.9	85.0	85.0	85.0
IV 12000	27.0	43.7	56.6	65.8	74.1	77.4	81.6	84.1	84.8	85.7	85.8	85.9	85.9	86.0	86.0	86.0
IV 10000	27.3	49.3	57.1	64.4	74.9	78.3	82.4	84.9	85.6	86.5	86.7	86.7	86.8	86.8	86.9	86.9
IV 9000	27.5	49.5	57.3	66.7	75.1	78.5	82.7	85.2	85.9	86.8	87.0	87.0	87.1	87.1	87.2	87.2
IV 8000	27.7	49.8	57.6	67.0	75.5	78.9	83.1	85.6	86.3	87.2	87.4	87.4	87.5	87.5	87.6	87.6
IV 7000	27.8	49.9	57.8	67.2	75.7	79.1	83.4	85.9	86.6	87.5	87.7	87.7	87.8	87.8	87.8	87.8
IV 6000	28.0	50.2	58.1	67.5	76.0	79.5	83.7	86.2	86.9	87.8	88.0	88.1	88.1	88.1	88.2	88.2
IV 5000	28.2	50.6	58.5	67.9	76.5	79.9	84.2	86.7	87.4	88.3	88.5	88.5	88.6	88.6	88.7	88.7
IV 4500	28.3	50.9	58.8	68.3	76.8	80.3	84.5	87.0	87.7	88.6	88.8	88.9	89.0	89.0	89.0	89.0
IV 4000	28.5	51.2	59.2	68.7	77.2	80.7	85.0	87.5	88.2	89.1	89.3	89.3	89.4	89.4	89.5	89.5
IV 3500	28.7	51.7	59.7	69.2	77.8	81.3	85.6	88.1	88.8	89.7	89.9	89.9	90.0	90.0	90.1	90.1
IV 3000	28.8	52.1	60.2	69.7	78.4	81.9	86.2	88.7	89.4	90.3	90.5	90.6	90.6	90.6	90.7	90.7
IV 2500	28.9	52.5	60.6	70.3	79.0	82.6	86.9	89.5	90.2	91.1	91.3	91.3	91.4	91.4	91.5	91.5
IV 2000	29.0	53.0	61.3	71.2	80.1	83.8	88.2	90.8	91.6	92.5	92.7	92.7	92.8	92.8	92.9	92.9
IV 1800	29.0	53.1	61.5	71.5	80.5	84.2	88.6	91.3	92.1	93.0	93.2	93.2	93.3	93.3	93.3	93.4
IV 1500	29.1	53.2	61.7	71.8	80.9	84.7	89.3	92.0	92.8	93.7	93.9	93.9	94.0	94.0	94.1	94.1
IV 1200	29.1	53.3	61.8	72.0	81.3	85.1	89.9	92.7	93.5	94.5	94.7	94.7	94.8	94.8	94.9	94.9
IV 1000	29.1	53.3	61.9	72.2	81.6	85.5	90.4	93.4	94.2	95.3	95.6	95.6	95.7	95.7	95.7	95.8
IV 900	29.1	53.3	61.9	72.3	81.6	85.6	90.6	93.7	94.6	95.7	96.0	96.0	96.1	96.1	96.2	96.2
IV 800	29.1	53.3	61.9	72.3	81.7	85.6	90.8	94.0	94.9	96.1	96.4	96.5	96.6	96.6	96.6	96.7
IV 700	29.1	53.3	61.9	72.3	81.8	85.8	91.0	94.3	95.3	96.5	96.9	96.9	97.1	97.1	97.1	97.1
IV 600	29.1	53.3	61.9	72.3	81.9	85.9	91.2	94.6	95.6	96.9	97.4	97.4	97.6	97.6	97.7	97.7
IV 500	29.1	53.3	61.9	72.4	81.9	86.0	91.3	94.8	95.8	97.3	97.9	97.9	98.2	98.2	98.2	98.3
IV 400	29.1	53.4	62.0	72.4	81.9	86.0	91.4	94.9	96.0	97.5	98.1	98.2	98.4	98.5	98.6	98.6
IV 300	29.1	53.4	62.0	72.4	81.9	86.0	91.4	95.0	96.0	97.7	98.4	98.4	98.7	98.8	98.9	98.9
IV 200	29.1	53.4	62.0	72.4	81.9	86.0	91.4	95.0	96.1	97.8	98.5	98.6	99.0	99.1	99.2	99.3
IV 100	29.1	53.4	62.0	72.4	81.9	86.0	91.4	95.0	96.1	97.8	98.5	98.6	99.1	99.2	99.5	99.6
IV 0	29.1	53.4	62.0	72.4	81.9	86.0	91.4	95.0	96.1	97.8	98.5	98.6	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 20843



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 23122 HORTON AFB CALIF/SAN BERNARDINO STATION NAME 43-72 YEARS MONTH

ACT MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING	31.5	44.7	49.5	55.4	61.8	64.7	68.9	71.5	72.6	73.8	74.3	74.4	74.5	74.5	74.5	74.6
IV 7000	32.8	46.5	51.0	58.0	64.7	67.7	72.2	75.0	76.2	77.6	78.1	78.1	78.3	78.3	78.3	78.4
IV 18000	32.8	46.5	51.0	58.0	64.7	67.7	72.2	75.0	76.2	77.6	78.1	78.1	78.3	78.3	78.3	78.4
IV 16000	32.9	46.7	51.3	58.3	65.0	68.1	72.6	75.4	76.6	78.0	78.6	78.6	78.6	78.7	78.8	78.9
IV 14000	33.1	47.1	52.2	58.7	65.5	68.6	73.2	76.1	77.3	78.7	79.3	79.3	79.3	79.5	79.5	79.6
IV 12000	33.4	47.5	52.7	59.4	66.3	69.4	74.2	77.1	78.3	79.8	80.3	80.4	80.5	80.5	80.6	80.7
IV 10000	33.9	48.2	53.5	60.1	67.1	70.3	75.1	78.1	79.4	80.9	81.5	81.5	81.6	81.6	81.7	81.8
IV 9000	34.1	48.4	53.8	60.5	67.4	70.6	75.5	78.5	79.7	81.2	81.8	81.8	82.0	82.0	82.0	82.1
IV 8000	34.3	48.8	54.2	61.0	68.0	71.2	76.0	79.1	80.4	81.9	82.4	82.5	82.6	82.6	82.7	82.8
IV 7000	34.5	49.2	54.6	61.4	68.4	71.7	76.5	79.6	80.9	82.4	83.0	83.0	83.1	83.1	83.2	83.3
IV 6000	34.9	49.8	55.3	62.1	69.2	72.5	77.3	80.4	81.7	83.2	83.7	83.8	83.9	83.9	84.0	84.1
IV 5000	35.3	50.4	56.0	62.9	70.0	73.3	78.2	81.2	82.5	84.0	84.6	84.6	84.8	84.8	84.8	84.9
IV 4500	35.5	50.9	56.5	63.4	70.6	73.8	78.7	81.8	83.1	84.6	85.2	85.2	85.3	85.3	85.4	85.5
IV 4000	35.7	51.3	57.0	64.0	71.2	74.5	79.4	82.5	83.8	85.3	85.9	85.9	86.1	86.1	86.1	86.2
IV 3500	36.0	51.8	57.5	64.7	72.0	75.3	80.2	83.3	84.6	86.1	86.7	86.7	86.9	86.9	86.9	87.0
IV 3000	36.1	52.3	58.2	65.3	72.9	76.3	81.3	84.4	85.8	87.3	87.9	87.9	88.0	88.0	88.1	88.2
IV 2500	36.3	52.9	59.0	66.6	74.2	77.7	82.8	86.0	87.3	88.9	89.4	89.5	89.6	89.6	89.7	89.8
IV 2000	36.4	53.5	59.8	67.7	75.6	79.2	84.5	87.7	89.1	90.6	91.2	91.2	91.4	91.4	91.4	91.5
IV 1800	36.4	53.6	60.0	67.9	76.0	79.7	85.0	88.3	89.6	91.2	91.8	91.8	92.0	92.0	92.0	92.1
IV 1500	36.5	53.8	60.4	68.6	76.9	80.7	86.2	89.6	91.0	92.6	93.2	93.2	93.4	93.4	93.5	93.5
IV 1200	36.5	53.9	60.6	69.0	77.4	81.3	87.0	90.5	92.0	93.7	94.4	94.4	94.6	94.6	94.6	94.7
IV 1000	36.5	54.0	60.7	69.2	77.7	81.7	87.6	91.2	92.7	94.5	95.2	95.2	95.4	95.4	95.5	95.6
IV 900	36.5	54.1	60.7	69.3	77.8	81.8	87.7	91.4	93.0	94.9	95.6	95.7	95.8	95.8	95.9	96.0
IV 800	36.5	54.1	60.7	69.3	77.9	81.9	87.9	91.7	93.3	95.2	96.0	96.0	96.2	96.2	96.3	96.4
IV 700	36.5	54.1	60.7	69.3	77.9	82.0	88.0	91.9	93.5	95.5	96.3	96.3	96.5	96.5	96.6	96.7
IV 600	36.5	54.1	60.7	69.3	77.9	82.0	88.1	92.0	93.7	95.7	96.6	96.7	96.9	96.9	96.9	97.0
IV 500	36.5	54.1	60.8	69.4	77.9	82.0	88.2	92.2	93.9	96.0	97.1	97.2	97.4	97.4	97.5	97.6
IV 400	36.5	54.1	60.8	69.4	78.0	82.0	88.2	92.3	93.9	96.2	97.3	97.4	97.7	97.7	97.7	97.9
IV 300	36.5	54.1	60.8	69.4	78.0	82.0	88.3	92.3	94.0	96.3	97.4	97.6	98.1	98.1	98.2	98.4
IV 200	36.5	54.1	60.8	69.4	78.0	82.1	88.3	92.3	94.0	96.4	97.6	97.7	98.4	98.4	98.6	98.8
IV 100	36.5	54.1	60.8	69.4	78.0	82.1	88.3	92.3	94.1	96.4	97.6	97.8	98.5	98.6	98.9	99.2
IV 0	36.5	54.1	60.8	69.4	78.0	82.1	88.3	92.3	94.1	96.4	97.6	97.8	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22208

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

WORTHEN AFB CALIF/SAN BERNARDINO

43-72

NDV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	47.1	56.1	59.3	62.7	65.8	66.9	68.5	69.7	70.3	71.0	71.3	71.3	71.4	71.4	71.5	71.5
≥ 20000	50.3	59.3	63.2	67.2	70.7	71.9	73.8	75.1	75.8	76.6	77.0	77.0	77.1	77.2	77.2	77.2
≥ 18000	50.6	60.2	63.5	67.4	71.1	72.4	74.2	75.6	76.3	77.1	77.4	77.5	77.6	77.6	77.7	77.7
≥ 16000	50.9	60.5	64.0	68.0	71.5	72.8	74.5	76.0	76.7	77.5	77.9	78.0	78.1	78.1	78.1	78.1
≥ 14000	51.5	61.3	64.7	68.9	72.5	73.7	75.6	77.1	77.8	78.6	79.0	79.1	79.2	79.2	79.3	79.3
≥ 12000	52.2	62.2	65.7	69.9	73.6	74.8	76.0	78.3	79.1	79.9	80.3	80.4	80.5	80.5	80.6	80.6
≥ 10000	52.6	62.7	66.3	70.6	74.3	75.6	77.5	79.1	79.9	80.8	81.2	81.3	81.4	81.5	81.5	81.5
≥ 9000	52.8	62.9	66.5	70.8	74.5	75.8	77.8	79.3	80.2	81.1	81.5	81.6	81.7	81.7	81.8	81.8
≥ 8000	53.0	63.1	66.8	71.1	74.8	76.2	78.2	79.6	80.6	81.5	81.9	82.0	82.1	82.1	82.2	82.2
≥ 7000	53.2	63.5	67.1	71.5	75.2	76.6	78.6	80.2	81.0	82.0	82.3	82.4	82.5	82.6	82.6	82.6
≥ 6000	53.7	64.2	67.9	72.2	76.0	77.4	79.4	81.0	81.8	82.8	83.1	83.2	83.3	83.4	83.4	83.4
≥ 5000	54.0	65.0	69.5	73.9	77.7	79.1	81.2	82.9	83.7	84.6	85.0	85.0	85.2	85.2	85.2	85.2
≥ 4500	54.5	66.4	70.3	74.8	78.6	80.0	82.1	83.7	84.6	85.5	85.9	86.0	86.1	86.1	86.2	86.2
≥ 4000	55.5	67.3	71.3	75.9	79.9	81.3	83.3	85.0	85.9	86.8	87.2	87.2	87.4	87.4	87.5	87.5
≥ 3500	56.0	68.5	72.6	77.3	81.3	82.7	84.8	86.5	87.4	88.3	88.7	88.8	88.9	89.0	89.0	89.0
≥ 3000	56.4	69.5	73.8	78.7	82.8	84.3	86.5	88.2	89.1	90.0	90.4	90.5	90.6	90.7	90.7	90.7
≥ 2500	56.7	70.3	74.8	79.9	84.1	85.7	88.0	89.7	90.6	91.5	92.0	92.0	92.2	92.2	92.3	92.3
≥ 2000	56.9	71.3	76.0	81.3	85.7	87.4	89.8	91.6	92.5	93.5	94.0	94.0	94.2	94.2	94.3	94.3
≥ 1800	57.1	71.6	76.4	81.8	86.4	88.1	90.5	92.3	93.3	94.3	94.7	94.8	94.9	95.0	95.0	95.0
≥ 1500	57.2	71.9	76.8	82.3	87.2	88.7	91.3	93.2	94.2	95.3	95.7	95.8	95.9	96.0	96.0	96.0
≥ 1200	57.2	72.1	77.1	82.6	87.4	89.3	91.9	94.0	95.0	96.2	96.7	96.8	97.0	97.0	97.1	97.1
≥ 1000	57.2	72.2	77.2	82.8	87.7	89.5	92.4	94.5	95.6	96.9	97.4	97.5	97.7	97.7	97.8	97.8
≥ 900	57.2	72.2	77.2	82.8	87.8	89.7	92.5	94.7	95.7	97.1	97.6	97.7	97.9	97.9	98.0	98.0
≥ 800	57.2	72.2	77.2	82.9	87.9	89.8	92.6	94.8	95.9	97.3	97.8	97.9	98.1	98.1	98.2	98.2
≥ 700	57.2	72.2	77.2	82.9	87.9	89.8	92.7	94.9	96.0	97.4	98.0	98.0	98.2	98.3	98.4	98.4
≥ 600	57.2	72.2	77.2	82.9	87.9	89.8	92.8	95.0	96.1	97.5	98.1	98.2	98.4	98.5	98.6	98.6
≥ 500	57.2	72.2	77.2	82.9	87.9	89.9	92.8	95.1	96.2	97.7	98.3	98.3	98.7	98.8	98.9	98.9
≥ 400	57.2	72.2	77.2	82.9	88.0	89.9	92.8	95.2	96.3	97.8	98.5	98.6	98.9	99.0	99.1	99.1
≥ 300	57.2	72.2	77.2	82.9	88.0	89.9	92.9	95.2	96.3	97.9	98.6	98.8	99.1	99.2	99.3	99.3
≥ 200	57.2	72.2	77.2	82.9	88.0	89.9	92.9	95.2	96.4	97.9	98.7	98.8	99.2	99.3	99.4	99.5
≥ 100	57.2	72.2	77.2	82.9	88.0	89.9	92.9	95.2	96.4	97.9	98.7	98.9	99.2	99.3	99.5	99.6
≥ 0	57.2	72.2	77.2	82.9	88.0	89.9	92.9	95.2	96.4	97.9	98.7	98.9	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

21491

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 WRIGHT AFB CALIF/SAN BERNARDINE 43-72 DEC  
STATION MONTH YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS TEST

CEILING (FEET.)	VISIBILITY (STATUTE MILES.)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥¼	≥0	
NO CEILING	50.8	58.1	59.9	61.8	62.9	63.6	64.3	64.8	65.1	65.5	65.9	65.9	66.2	66.2	66.3	66.4
≥ 20000	55.9	64.0	66.0	68.4	69.8	70.5	71.3	72.0	72.3	72.8	73.3	73.3	73.5	73.6	73.7	73.8
IV 18000	56.2	64.4	66.4	68.8	70.2	70.9	71.8	72.5	72.8	73.3	73.7	73.8	74.0	74.0	74.1	74.3
IV 16000	59.5	66.8	68.8	69.2	70.6	71.4	72.2	72.9	73.2	73.7	74.2	74.2	74.4	74.5	74.6	74.7
IV 14000	57.8	66.4	68.6	71.0	72.5	73.2	74.1	74.8	75.1	75.6	76.1	76.1	76.4	76.4	76.5	76.7
IV 12000	59.0	67.8	70.0	72.6	74.1	74.9	75.9	76.6	76.9	77.4	77.9	78.0	78.2	78.2	78.3	78.5
IV 10000	59.9	69.0	71.2	73.8	75.4	76.1	77.1	77.9	78.2	78.7	79.2	79.3	79.5	79.6	79.7	79.8
IV 9000	60.4	69.6	71.9	74.5	76.1	76.8	77.8	78.6	78.9	79.5	79.9	80.0	80.2	80.3	80.4	80.5
IV 8000	60.9	70.2	72.5	75.2	76.8	77.6	78.6	79.4	79.7	80.2	80.7	80.8	81.1	81.1	81.2	81.4
IV 7000	61.3	70.8	73.1	75.7	77.4	78.2	79.2	80.0	80.3	80.9	81.4	81.4	81.7	81.7	81.8	82.0
IV 6000	61.9	71.7	74.0	76.7	78.4	79.2	80.2	81.0	81.3	81.9	82.4	82.5	82.7	82.8	82.9	83.0
IV 5000	62.9	73.3	75.8	78.5	80.3	81.1	82.2	83.0	83.3	83.9	84.4	84.5	84.7	84.8	84.9	85.0
IV 4500	63.5	74.2	76.7	79.5	81.3	82.1	83.2	84.1	84.4	84.9	85.5	85.5	85.8	85.9	85.9	86.1
IV 4000	64.3	75.5	78.2	81.0	82.9	83.7	84.8	85.7	86.0	86.6	87.1	87.2	87.4	87.5	87.6	87.7
IV 3500	64.9	76.6	79.4	82.3	84.3	85.1	86.3	87.2	87.5	88.1	88.6	88.7	88.9	89.0	89.1	89.2
IV 3000	65.4	77.7	80.6	83.7	85.8	86.7	87.9	88.8	89.1	89.8	90.3	90.3	90.6	90.6	90.7	90.9
IV 2500	65.7	78.6	81.7	85.0	87.1	88.1	89.4	90.4	90.7	91.4	91.9	91.9	92.2	92.2	92.3	92.5
IV 2000	66.0	79.5	82.8	86.3	88.6	89.6	91.0	92.1	92.5	93.1	93.7	93.7	94.0	94.0	94.1	94.3
IV 1800	66.0	79.8	83.1	86.7	89.2	90.2	91.7	92.8	93.2	93.9	94.5	94.5	94.8	94.8	94.9	95.1
IV 1500	66.1	80.2	83.7	87.5	90.1	91.1	92.7	94.0	94.4	95.1	95.7	95.7	96.0	96.1	96.2	96.3
IV 1200	66.2	80.5	84.0	87.8	90.5	91.7	93.4	94.7	95.1	95.9	96.5	96.6	96.9	96.9	97.0	97.2
IV 1000	66.2	80.6	84.1	88.0	90.9	92.0	93.8	95.2	95.6	96.5	97.1	97.2	97.5	97.5	97.6	97.8
IV 900	66.2	80.6	84.1	88.0	90.9	92.1	93.9	95.3	95.8	96.6	97.3	97.3	97.6	97.7	97.8	97.9
IV 800	66.2	80.6	84.2	88.1	91.0	92.1	94.0	95.4	95.9	96.8	97.4	97.5	97.8	97.9	98.0	98.1
IV 700	66.2	80.6	84.2	88.1	91.0	92.2	94.1	95.5	96.0	96.9	97.6	97.7	98.0	98.1	98.2	98.3
IV 600	66.2	80.6	84.2	88.2	91.2	92.3	94.2	95.7	96.2	97.1	97.9	98.0	98.3	98.4	98.5	98.7
IV 500	66.2	80.7	84.3	88.2	91.2	92.4	94.3	95.8	96.3	97.3	98.1	98.2	98.6	98.6	98.7	98.9
IV 400	66.2	80.7	84.3	88.2	91.2	92.4	94.3	95.8	96.4	97.4	98.2	98.3	98.7	98.8	98.9	99.0
IV 300	66.2	80.7	84.3	88.2	91.2	92.4	94.3	95.9	96.4	97.5	98.3	98.5	98.8	98.9	99.1	99.2
IV 200	66.2	80.7	84.3	88.2	91.2	92.4	94.4	95.9	96.4	97.5	98.3	98.5	98.9	99.0	99.2	99.4
IV 100	66.2	80.7	84.3	88.2	91.2	92.4	94.4	95.9	96.4	97.5	98.3	98.6	99.0	99.1	99.3	99.5
IV 0	66.2	80.7	84.3	88.2	91.2	92.4	94.4	95.9	96.4	97.5	98.3	98.6	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 22207

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 44-72 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	½	≥5/16	≥.
NO CEILING	47.0	56.7	59.0	61.6	63.1	63.8	64.8	65.5	66.0	66.7	67.3	67.3	67.8	67.9	68.1	68.3
≥ 20000	48.9	59.5	62.4	65.3	67.0	67.6	69.2	69.8	70.4	71.2	71.7	71.8	72.2	72.4	72.6	72.8
IV 18000	49.0	59.5	62.4	65.4	67.1	67.9	69.3	69.9	70.5	71.2	71.8	71.9	72.3	72.5	72.7	72.9
IV 16000	49.3	59.9	62.8	65.8	67.5	68.4	69.8	70.4	71.0	71.8	72.3	72.4	72.8	73.0	73.2	73.4
IV 14000	50.2	61.0	63.9	67.0	68.6	69.5	70.9	71.5	72.1	72.9	73.4	73.5	74.0	74.1	74.3	74.5
IV 12000	51.0	62.0	65.0	68.1	69.3	70.6	72.0	72.7	73.2	74.0	74.5	74.6	75.1	75.2	75.4	75.6
IV 10000	51.2	62.5	65.5	68.6	70.3	71.4	72.8	73.4	74.0	74.9	75.4	75.5	76.0	76.1	76.3	76.5
IV 9000	51.4	62.7	65.7	68.9	70.6	71.6	73.0	73.6	74.2	75.1	75.6	75.8	76.2	76.4	76.5	76.8
IV 8000	51.5	62.9	65.8	69.0	70.7	71.8	73.1	73.8	74.4	75.3	75.8	75.9	76.4	76.5	76.7	76.9
IV 7000	51.6	63.1	66.0	69.2	70.9	72.0	73.3	74.0	74.6	75.5	76.0	76.1	76.5	76.7	76.9	77.1
IV 6000	52.0	63.7	66.7	69.9	71.6	72.7	74.0	74.7	75.3	76.2	76.7	76.8	77.2	77.4	77.6	77.8
IV 5000	52.4	64.3	68.1	71.3	73.0	74.1	75.5	76.2	76.8	77.7	78.2	78.3	78.7	78.9	79.1	79.3
IV 4500	52.6	65.1	68.4	71.7	73.4	74.5	76.0	76.7	77.2	78.1	78.7	78.8	79.2	79.4	79.6	79.8
IV 4000	53.2	65.9	69.3	72.7	74.4	75.5	77.1	77.7	78.3	79.2	79.7	79.9	80.3	80.5	80.6	80.9
IV 3500	53.7	67.3	70.7	74.2	76.0	77.1	78.7	79.3	80.0	80.9	81.4	81.5	82.0	82.1	82.3	82.5
IV 3000	54.2	68.9	72.5	76.5	78.4	79.5	81.2	81.8	82.5	83.4	83.9	84.0	84.5	84.6	84.8	85.0
IV 2500	54.4	70.3	74.1	78.4	80.4	81.5	83.3	83.9	84.6	85.6	86.1	86.2	86.6	86.8	87.0	87.2
IV 2000	54.8	71.7	75.9	80.0	82.7	83.8	85.6	86.3	87.2	88.2	88.8	88.9	89.4	89.5	89.7	89.9
IV 1800	54.9	72.0	76.3	81.0	83.2	84.3	86.3	87.2	87.9	88.9	89.6	89.7	90.1	90.3	90.5	90.7
IV 1500	55.0	72.7	77.1	82.2	84.5	85.6	87.8	88.6	89.4	90.4	91.1	91.2	91.7	91.9	92.1	92.3
IV 1200	55.1	73.2	77.7	83.0	85.6	86.8	89.2	90.1	90.9	92.2	93.0	93.1	93.6	93.7	93.9	94.1
IV 1000	55.2	73.3	77.9	83.4	86.0	87.2	89.8	90.7	91.6	93.0	93.8	93.9	94.4	94.6	94.7	95.0
IV 900	55.2	73.4	78.0	83.5	86.1	87.4	89.9	90.9	91.7	93.1	94.0	94.1	94.6	94.7	95.0	95.2
IV 800	55.2	73.4	78.0	83.7	86.3	87.6	90.2	91.1	92.0	93.5	94.4	94.5	95.0	95.2	95.4	95.6
IV 700	55.2	73.4	78.1	83.8	86.5	87.8	90.5	91.5	92.5	94.1	95.0	95.1	95.6	95.8	96.0	96.3
IV 600	55.2	73.4	78.1	83.8	86.6	88.0	90.7	91.8	92.9	94.5	95.4	95.6	96.1	96.3	96.5	96.8
IV 500	55.2	73.4	78.1	83.8	86.6	88.0	90.7	91.8	92.9	94.6	95.6	95.7	96.3	96.5	96.7	96.9
IV 400	55.2	73.4	78.1	83.9	86.7	88.0	90.8	92.1	93.1	94.9	96.1	96.2	96.8	97.1	97.3	97.5
IV 300	55.2	73.4	78.1	83.9	86.7	88.0	90.8	92.1	93.2	95.0	96.2	96.3	97.0	97.4	97.7	97.9
IV 200	55.2	73.4	78.1	83.9	86.7	88.1	90.8	92.2	93.2	95.2	96.4	96.5	97.4	97.8	98.3	98.6
IV 100	55.2	73.4	78.1	83.9	86.7	88.1	90.8	92.2	93.2	95.2	96.5	96.6	97.4	97.9	98.4	98.8
IV 0	55.2	73.4	78.1	83.9	86.7	88.1	90.8	92.2	93.2	95.2	96.5	96.6	97.5	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2681

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION      NORTON AFB CALIF/SAN BERNARDINO      43-72      YEARS      JAN      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0300  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥0	≥0
NO CEILING	46.4	56.0	58.6	61.5	63.0	63.5	64.7	65.3	65.7	66.7	67.1	67.3	68.0	68.1	68.4	68.9
≥ 20000	49.1	59.6	62.3	65.4	66.9	67.5	69.0	69.7	70.1	71.1	71.5	71.7	72.4	72.5	72.8	73.3
IV ≥ 18000	49.3	59.8	62.5	65.6	67.2	67.8	69.2	69.9	70.3	71.3	71.7	71.9	72.6	72.7	73.0	73.5
IV ≥ 16000	49.3	60.0	62.8	66.0	67.5	68.1	69.6	70.2	70.6	71.6	72.1	72.3	72.9	73.0	73.3	73.9
IV ≥ 14000	50.4	61.1	63.9	67.1	68.7	69.2	70.7	71.4	71.8	72.8	73.2	73.4	74.1	74.2	74.5	75.0
IV ≥ 12000	51.1	62.0	64.8	68.0	69.5	70.1	71.6	72.3	72.7	73.7	74.2	74.3	75.0	75.1	75.4	75.9
IV ≥ 10000	51.4	62.5	65.3	68.5	70.1	70.7	72.2	72.9	73.3	74.3	74.8	75.0	75.7	75.8	76.1	76.6
IV ≥ 9000	51.4	62.5	65.2	68.5	70.1	70.7	72.2	72.9	73.3	74.3	74.8	75.0	75.7	75.8	76.1	76.6
IV ≥ 8000	51.5	62.6	65.4	68.7	70.3	70.9	72.4	73.1	73.5	74.5	75.0	75.2	75.8	75.9	76.2	76.8
IV ≥ 7000	51.7	62.8	65.6	69.0	70.6	71.2	72.7	73.4	73.8	74.9	75.3	75.5	76.2	76.3	76.6	77.1
IV ≥ 6000	52.2	63.4	66.2	69.5	71.1	71.8	73.3	74.0	74.4	75.4	75.9	76.1	76.7	76.8	77.1	77.7
IV ≥ 5000	52.6	64.2	67.2	70.6	72.3	73.0	74.5	75.2	75.6	76.7	77.2	77.4	78.0	78.1	78.4	79.0
IV ≥ 4500	52.9	64.7	67.8	71.1	72.9	73.6	75.1	75.8	76.2	77.3	77.8	78.0	78.6	78.7	79.0	79.6
IV ≥ 4000	53.1	65.5	68.6	72.0	73.8	74.5	76.1	76.8	77.3	78.4	78.8	79.0	79.7	79.8	80.1	80.6
IV ≥ 3500	53.5	66.6	69.9	73.4	75.2	76.1	77.8	78.5	78.9	80.0	80.5	80.7	81.3	81.5	81.8	82.3
IV ≥ 3000	53.9	67.8	71.2	75.0	76.8	77.7	79.5	80.2	80.7	81.9	82.3	82.5	83.2	83.3	83.6	84.1
IV ≥ 2500	54.4	69.5	73.2	77.4	79.5	80.5	82.4	83.1	83.7	84.8	85.3	85.4	86.1	86.2	86.5	87.0
IV ≥ 2000	54.6	70.6	74.6	79.4	81.7	82.8	84.8	85.6	86.1	87.2	87.7	87.9	88.6	88.7	89.0	89.5
IV ≥ 1800	54.7	70.9	75.0	79.9	82.2	83.2	85.3	86.1	86.6	87.8	88.2	88.4	89.1	89.2	89.5	90.0
IV ≥ 1500	54.8	71.6	75.8	80.7	83.5	84.5	86.9	87.7	88.2	89.5	90.0	90.2	90.8	91.0	91.3	91.8
IV ≥ 1200	54.9	72.1	76.4	81.9	84.5	85.6	88.2	89.0	89.7	90.9	91.4	91.6	92.4	92.5	92.8	93.4
IV ≥ 1000	55.0	72.3	76.7	82.4	85.1	86.2	88.9	89.8	90.5	91.7	92.3	92.4	93.2	93.3	93.7	94.2
IV ≥ 900	55.0	72.3	76.7	82.4	85.2	86.4	89.1	90.1	90.7	92.1	92.7	92.9	93.6	93.7	94.1	94.6
IV ≥ 800	55.0	72.4	76.8	82.6	85.4	86.6	89.3	90.3	91.0	92.4	93.0	93.1	93.9	94.0	94.4	94.9
IV ≥ 700	55.0	72.4	76.9	82.7	85.6	86.8	89.5	90.6	91.3	92.8	93.4	93.6	94.3	94.4	94.8	95.3
IV ≥ 600	55.0	72.5	77.0	82.7	85.7	86.9	89.6	90.7	91.4	93.0	93.6	93.8	94.6	94.7	95.1	95.6
IV ≥ 500	55.0	72.5	77.0	82.8	85.8	87.0	89.8	90.9	91.7	93.4	94.2	94.3	95.1	95.2	95.6	96.1
IV ≥ 400	55.0	72.5	77.0	82.8	85.8	87.1	89.9	91.2	92.0	93.7	94.7	94.9	95.8	95.9	96.3	96.9
IV ≥ 300	55.0	72.5	77.0	82.8	85.8	87.1	89.9	91.2	92.0	93.7	94.7	94.9	95.8	95.9	96.3	96.9
IV ≥ 200	55.0	72.5	77.0	82.8	85.8	87.1	90.0	91.3	92.1	93.9	94.9	95.1	95.9	96.1	96.8	97.6
IV ≥ 100	55.0	72.5	77.0	82.8	85.8	87.1	90.0	91.3	92.1	93.9	94.9	95.1	96.0	96.2	97.0	98.1
IV ≥ 0	55.0	72.5	77.0	82.8	85.8	87.1	90.0	91.3	92.1	93.9	94.9	95.1	96.1	96.3	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS      2686

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥5/16	≥¼	≥0	
NO CEILING	45.0	50.2	52.3	54.4	56.4	57.2	58.4	59.1	59.5	60.3	61.0	61.2	61.9	62.3	63.2	64.6
≥ 20000	49.4	55.5	57.6	60.0	62.2	63.0	64.3	65.3	65.7	66.6	67.4	67.5	68.4	68.7	69.8	71.2
IV 18000	49.5	55.7	57.8	60.2	62.3	63.2	64.5	65.5	65.9	66.8	67.5	67.7	68.6	68.9	70.0	71.4
IV 16000	50.3	56.5	58.7	61.0	63.2	64.0	65.4	66.4	66.8	67.8	68.5	68.7	69.5	69.9	70.9	72.3
IV 14000	51.7	58.2	60.4	62.8	65.0	65.8	67.2	68.2	68.6	69.5	70.3	70.4	71.4	71.7	72.8	74.2
IV 12000	52.7	59.3	61.7	64.2	66.4	67.3	68.7	69.7	70.1	71.0	71.8	71.9	72.9	73.2	74.4	75.8
IV 10000	53.3	60.1	62.5	65.0	67.3	68.2	69.6	70.6	71.1	72.0	72.8	73.0	74.0	74.4	75.5	77.0
IV 9000	53.4	60.3	62.6	65.2	67.5	68.3	69.8	70.8	71.3	72.3	73.0	73.2	74.3	74.6	75.8	77.2
IV 8000	53.8	60.7	63.1	65.7	68.0	68.9	70.3	71.4	71.9	72.8	73.6	73.8	74.8	75.2	76.3	77.8
IV 7000	54.0	61.0	63.3	66.2	68.6	69.4	70.8	71.9	72.4	73.4	74.1	74.3	75.4	75.7	76.8	78.3
IV 6000	54.4	61.5	64.0	66.6	69.0	69.9	71.3	72.3	72.8	73.8	74.6	74.8	75.8	76.2	77.3	78.7
IV 5000	55.0	62.4	65.1	67.9	70.3	71.1	72.6	73.6	74.2	75.1	75.9	76.1	77.1	77.5	78.6	80.1
IV 4500	55.4	63.1	65.8	68.4	71.0	71.9	73.3	74.4	74.9	75.9	76.6	76.8	77.9	78.2	79.4	80.8
IV 4000	56.1	64.2	67.0	69.7	72.3	73.2	74.7	75.8	76.4	77.4	78.1	78.3	79.4	79.8	80.9	82.3
IV 3500	56.7	65.2	68.3	71.1	73.8	74.7	76.3	77.4	78.0	79.0	79.7	79.9	81.0	81.4	82.5	83.9
IV 3000	57.0	66.2	69.4	72.3	75.0	75.9	77.7	78.9	79.5	80.6	81.4	81.6	82.6	83.0	84.1	85.6
IV 2500	57.2	67.3	70.8	74.0	77.0	78.0	79.8	81.0	81.6	82.7	83.6	83.9	84.9	85.3	86.4	87.9
IV 2000	57.5	68.6	72.2	75.8	79.1	80.2	82.3	83.6	84.2	85.4	86.3	86.6	87.6	88.0	89.1	90.6
IV 1800	57.5	69.0	72.7	76.4	79.9	81.1	83.3	84.6	85.2	86.5	87.4	87.7	88.7	89.1	90.3	91.7
IV 1500	57.5	69.3	73.1	77.2	81.1	82.3	84.9	86.3	86.9	88.3	89.2	89.4	90.5	90.9	92.1	93.6
IV 1200	57.5	69.4	73.4	77.5	81.8	83.3	85.7	87.2	87.9	89.3	90.2	90.4	91.6	92.0	93.2	94.6
IV 1000	57.5	69.6	73.6	77.9	82.3	83.8	86.4	88.0	88.7	90.2	91.1	91.3	92.5	92.9	94.1	95.6
IV 900	57.4	69.6	73.7	78.1	82.5	84.0	86.6	88.2	88.9	90.5	91.4	91.7	92.9	93.3	94.5	96.0
IV 800	57.6	69.7	73.8	78.2	82.6	84.1	86.7	88.3	89.1	90.7	91.7	92.0	93.2	93.6	94.8	96.3
IV 700	57.6	69.7	73.9	78.3	82.7	84.2	86.8	88.5	89.4	91.1	92.0	92.3	93.6	94.0	95.2	96.7
IV 600	57.6	69.7	73.9	78.3	82.7	84.2	86.9	88.5	89.5	91.2	92.2	92.5	93.8	94.1	95.4	96.9
IV 500	57.6	69.8	73.9	78.3	82.7	84.3	87.0	88.7	89.7	91.5	92.5	92.9	94.1	94.5	95.8	97.3
IV 400	57.6	69.8	73.9	78.3	82.7	84.3	87.0	88.7	89.8	91.6	92.9	93.2	94.5	94.9	96.1	97.7
IV 300	57.6	69.8	73.9	78.3	82.8	84.3	87.1	88.8	89.9	91.7	93.0	93.4	94.7	95.1	96.5	98.0
IV 200	57.6	69.8	73.9	78.3	82.8	84.3	87.1	88.8	89.9	91.7	93.1	93.5	94.8	95.2	96.6	98.2
IV 100	57.6	69.8	73.9	78.3	82.8	84.3	87.1	88.8	89.9	91.7	93.1	93.5	94.8	95.2	96.6	98.2
IV 0	57.6	69.8	73.9	78.3	82.8	84.3	87.1	88.8	89.9	91.7	93.1	93.5	94.8	95.2	96.6	98.2

TOTAL NUMBER OF OBSERVATIONS

2751

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LT)

CEILING- FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	48.2	53.1	55.1	57.4	59.5	60.1	61.1	61.9	62.3	62.9	63.2	63.2	63.6	63.6	63.6	64.0
≥ 20000	54.0	60.1	62.6	65.2	67.6	68.5	69.6	70.6	71.1	71.8	72.1	72.1	72.5	72.5	72.6	73.0
IV 18000	54.3	60.3	62.9	65.5	68.0	68.9	70.0	71.0	71.5	72.2	72.5	72.5	72.9	72.9	73.0	73.4
IV 16000	54.9	61.0	63.6	66.2	68.8	69.7	70.8	71.8	72.3	73.0	73.4	73.4	73.7	73.8	73.8	74.2
IV 14000	55.8	62.1	64.8	67.4	70.0	71.1	72.3	73.3	73.8	74.6	74.9	74.9	75.3	75.3	75.4	75.8
IV 12000	56.9	63.3	66.0	69.7	71.3	72.4	73.6	74.6	75.1	75.9	76.3	76.3	76.6	76.7	76.8	77.2
IV 10000	57.7	64.3	67.1	69.8	72.5	73.6	74.8	75.0	76.5	77.3	77.7	77.7	78.1	78.1	78.2	78.6
IV 9000	57.7	64.4	67.2	70.0	72.8	73.8	75.1	76.2	76.7	77.6	78.0	78.0	78.4	78.4	78.5	78.9
IV 8000	58.0	64.8	67.7	70.5	73.3	74.4	75.7	76.9	77.4	78.3	78.6	78.6	79.0	79.1	79.2	79.6
IV 7000	58.5	65.2	68.2	71.1	73.9	75.0	76.4	77.6	78.1	79.0	79.3	79.3	79.7	79.8	79.8	80.2
IV 6000	58.7	65.7	68.7	71.6	74.5	75.6	76.9	78.1	78.6	79.5	79.9	79.9	80.3	80.4	80.4	80.9
IV 5000	59.3	66.6	69.8	72.8	75.6	76.8	78.1	79.3	79.9	80.8	81.2	81.2	81.6	81.6	81.7	82.1
IV 4500	59.6	67.3	70.6	73.6	76.5	77.6	79.0	80.3	80.8	81.7	82.1	82.1	82.5	82.5	82.6	83.0
IV 4000	60.3	68.5	72.0	75.1	78.0	79.2	80.7	81.9	82.5	83.4	83.8	83.8	84.2	84.2	84.3	84.7
IV 3500	61.1	69.7	73.3	76.5	79.4	80.7	82.2	83.5	84.1	85.0	85.4	85.4	85.8	85.8	85.9	86.3
IV 3000	61.6	70.8	74.6	78.2	81.2	82.5	84.1	85.7	86.3	87.3	87.7	87.7	88.1	88.1	88.2	88.6
IV 2500	62.3	72.4	76.4	80.1	83.2	84.6	86.4	88.0	88.7	89.7	90.1	90.1	90.5	90.5	90.6	91.0
IV 2000	62.8	73.7	78.0	81.9	85.2	86.9	88.7	90.5	91.1	92.2	92.6	92.6	93.0	93.0	93.1	93.5
IV 1800	62.9	74.1	78.5	82.4	85.9	87.6	89.5	91.3	91.9	93.1	93.4	93.4	93.8	93.9	93.9	94.3
IV 1500	63.1	74.4	79.0	83.2	86.9	88.7	90.8	92.7	93.3	94.6	94.9	94.9	95.3	95.4	95.5	95.9
IV 1200	63.3	74.8	79.4	83.7	87.6	89.4	91.6	93.6	94.3	95.7	96.1	96.1	96.5	96.6	96.7	97.1
IV 1000	63.3	74.8	79.4	83.8	87.8	89.6	91.9	94.0	94.7	96.3	96.7	96.7	97.1	97.2	97.2	97.6
IV 900	63.3	74.8	79.5	83.9	87.8	89.7	92.0	94.1	94.8	96.4	96.8	96.9	97.3	97.3	97.4	97.8
IV 800	63.3	74.8	79.5	83.9	87.8	89.7	92.0	94.1	94.9	96.5	97.0	97.1	97.5	97.5	97.6	98.0
IV 700	63.3	74.8	79.5	83.9	87.8	89.7	92.0	94.1	94.9	96.6	97.1	97.1	97.6	97.6	97.7	98.1
IV 600	63.3	74.8	79.5	83.9	87.8	89.7	92.0	94.2	94.9	96.6	97.1	97.2	97.6	97.7	97.7	98.1
IV 500	63.3	74.8	79.5	83.9	87.9	89.7	92.1	94.2	95.0	96.7	97.3	97.4	98.0	98.1	98.3	98.7
IV 400	63.3	74.8	79.5	83.9	87.9	89.7	92.1	94.3	95.1	96.8	97.3	97.5	98.1	98.4	98.5	98.9
IV 300	63.3	74.8	79.5	83.9	87.9	89.7	92.1	94.3	95.1	96.8	97.3	97.5	98.2	98.5	98.6	99.1
IV 200	63.3	74.8	79.5	83.9	87.9	89.7	92.1	94.3	95.1	96.8	97.3	97.5	98.2	98.5	98.7	99.1
IV 100	63.3	74.8	79.5	83.9	87.9	89.7	92.1	94.3	95.1	96.8	97.3	97.5	98.3	98.6	98.8	99.5
IV 0	63.3	74.8	79.5	83.9	87.9	89.7	92.1	94.3	95.1	96.8	97.4	97.5	98.3	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2749

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	48.9	55.1	56.4	59.0	60.4	61.2	61.8	62.3	62.5	62.9	63.0	63.1	63.1	63.1	63.1	63.2
IV 20000	55.4	62.7	64.7	67.6	69.6	70.6	71.3	72.0	72.3	72.9	73.0	73.0	73.1	73.1	73.1	73.2
IV 18000	55.7	63.1	65.1	67.9	69.9	70.9	71.6	72.3	72.7	73.3	73.3	73.4	73.5	73.5	73.5	73.5
IV 16000	56.1	63.6	65.7	68.5	70.6	71.7	72.3	73.1	73.4	74.0	74.1	74.1	74.2	74.2	74.2	74.3
IV 14000	57.4	65.0	67.1	70.0	72.3	73.4	74.2	74.9	75.3	75.8	75.9	76.0	76.1	76.1	76.1	76.1
IV 12000	58.1	66.0	68.2	71.1	73.4	74.5	75.3	76.1	76.4	77.0	77.1	77.1	77.2	77.3	77.3	77.3
IV 10000	58.6	66.8	69.1	72.1	74.4	75.5	76.3	77.1	77.4	78.1	78.2	78.2	78.3	78.3	78.3	78.4
IV 9000	58.9	67.2	69.4	72.5	74.8	75.9	76.9	77.7	78.0	78.6	78.7	78.8	78.9	78.9	78.9	78.9
IV 8000	59.2	67.5	69.8	72.8	75.1	76.3	77.3	78.1	78.4	79.0	79.1	79.2	79.3	79.3	79.3	79.3
IV 7000	59.6	68.1	70.4	73.5	75.9	77.1	78.2	79.0	79.3	79.9	80.0	80.1	80.2	80.2	80.2	80.2
IV 6000	60.0	68.7	71.1	74.3	76.7	77.9	79.0	79.8	80.1	80.7	80.8	80.9	81.0	81.0	81.0	81.0
IV 5000	60.9	70.1	72.6	75.8	78.3	79.5	80.6	81.4	81.7	82.4	82.4	82.5	82.6	82.6	82.6	82.6
IV 4500	61.4	70.8	73.4	76.7	79.2	80.5	81.5	82.4	82.7	83.3	83.4	83.5	83.6	83.6	83.6	83.6
IV 4000	62.2	72.1	74.8	78.2	80.9	82.2	83.3	84.1	84.4	85.1	85.2	85.2	85.3	85.3	85.3	85.4
IV 3500	63.0	73.7	76.7	80.2	82.9	84.3	85.4	86.2	86.6	87.3	87.3	87.4	87.5	87.5	87.5	87.6
IV 3000	63.8	75.5	78.8	82.6	85.5	86.9	88.1	88.9	89.4	90.1	90.2	90.2	90.3	90.4	90.4	90.4
IV 2500	64.6	76.9	80.5	84.5	87.5	89.0	90.2	91.2	91.7	92.3	92.5	92.6	92.7	92.7	92.7	92.8
IV 2000	64.9	77.8	81.8	86.1	89.4	90.9	92.4	93.4	94.0	94.8	94.8	94.9	95.0	95.0	95.0	95.1
IV 1800	64.9	78.1	82.1	86.5	90.1	91.6	93.1	94.1	94.7	95.5	95.6	95.7	95.7	95.8	95.8	95.8
IV 1500	65.2	78.7	82.9	87.4	91.2	92.8	94.3	95.5	96.0	96.9	96.9	97.0	97.1	97.1	97.1	97.2
IV 1200	65.3	78.9	83.1	87.6	91.4	93.1	94.7	95.9	96.5	97.6	97.8	97.9	98.0	98.0	98.0	98.1
IV 1000	65.4	79.0	83.2	87.7	91.6	93.3	95.0	96.3	96.9	98.1	98.3	98.4	98.6	98.6	98.6	98.7
IV 900	65.4	79.0	83.2	87.7	91.6	93.3	95.0	96.4	97.0	98.3	98.4	98.5	98.7	98.7	98.7	98.8
IV 800	65.4	79.0	83.2	87.7	91.7	93.3	95.1	96.5	97.1	98.4	98.6	98.7	98.9	98.9	98.9	98.9
IV 700	65.4	79.0	83.2	87.7	91.7	93.3	95.1	96.5	97.1	98.5	98.7	98.8	99.0	99.0	99.0	99.1
IV 600	65.4	79.0	83.2	87.7	91.7	93.3	95.1	96.5	97.1	98.5	98.7	98.8	99.0	99.1	99.1	99.1
IV 500	65.4	79.0	83.2	87.7	91.7	93.3	95.3	96.7	97.3	98.7	98.9	99.0	99.1	99.4	99.4	99.5
IV 400	65.4	79.0	83.2	87.7	91.7	93.3	95.3	96.8	97.4	98.8	99.0	99.1	99.5	99.6	99.6	99.6
IV 300	65.4	79.0	83.2	87.7	91.7	93.3	95.3	96.8	97.4	98.8	99.0	99.1	99.5	99.7	99.7	99.7
IV 200	65.4	79.0	83.2	87.7	91.7	93.3	95.3	96.8	97.4	98.8	99.0	99.1	99.6	99.7	99.8	99.8
IV 100	65.4	79.0	83.2	87.7	91.7	93.3	95.3	96.8	97.4	98.9	99.1	99.2	99.6	99.8	99.9	99.9
IV 0	65.4	79.0	83.2	87.7	91.7	93.3	95.3	96.8	97.4	98.9	99.1	99.2	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2748



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23122 STATION NAME: NORTON AFB CALIF/SAN BERNARDINO 43-72

JAN MONTH  
1500-1700 HOURS TST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY - STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	47.6	53.7	55.0	57.9	60.1	60.6	61.8	62.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	53.5	61.6	64.1	67.1	69.5	70.3	71.6	72.4	72.9	73.6	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	53.8	61.9	64.5	67.4	69.8	70.6	71.9	72.8	73.2	73.9	74.1	74.1	74.1	74.1	74.1	74.1
IV 16000	54.1	62.4	64.9	67.9	70.5	71.3	72.6	73.5	73.9	74.7	74.8	74.9	74.9	74.9	74.9	74.9
IV 14000	55.3	63.8	66.4	69.4	72.0	73.1	74.5	75.4	75.8	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	56.3	65.2	67.8	71.1	73.8	75.0	76.4	77.3	77.8	78.5	78.6	78.7	78.7	78.7	78.7	78.7
IV 10000	56.5	65.8	68.5	71.8	74.6	75.7	77.2	78.1	78.6	79.5	79.6	79.7	79.7	79.7	79.7	79.7
IV 9000	56.8	66.1	68.8	72.1	75.0	76.1	77.6	78.5	79.0	79.9	80.0	80.1	80.1	80.1	80.1	80.1
IV 8000	57.9	66.9	69.6	72.8	75.8	77.0	78.4	79.4	79.9	80.8	80.9	81.0	81.0	81.0	81.0	81.0
IV 7000	57.8	67.4	70.3	73.5	76.5	77.7	79.3	80.2	80.7	81.6	81.8	81.8	81.8	81.8	81.8	81.8
IV 6000	58.4	68.1	71.0	74.3	77.3	78.6	80.1	81.0	81.6	82.5	82.6	82.7	82.7	82.7	82.7	82.7
IV 5000	59.3	69.8	72.8	76.3	79.4	80.7	82.2	83.2	83.7	84.6	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	59.7	70.5	73.6	77.2	80.2	81.5	83.1	84.0	84.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7
IV 4000	60.8	72.0	75.1	78.9	82.1	83.4	85.0	86.0	86.5	87.4	87.5	87.6	87.6	87.6	87.6	87.6
IV 3500	61.3	73.1	76.3	80.3	83.6	84.9	86.6	87.6	88.2	89.1	89.2	89.3	89.3	89.3	89.3	89.3
IV 3000	61.9	74.5	77.9	82.0	85.4	86.7	88.6	89.7	90.2	91.1	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	62.2	75.5	79.0	83.4	87.0	88.3	90.2	91.4	91.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2
IV 2000	62.4	76.3	80.0	84.4	88.3	89.7	91.7	93.1	93.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1
IV 1800	62.4	76.5	80.3	84.8	88.7	90.1	92.2	93.6	94.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6
IV 1500	62.5	76.7	80.7	85.3	89.4	90.8	93.1	94.6	95.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7
IV 1200	62.5	76.9	80.9	86.0	90.2	91.7	94.0	95.5	96.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8
IV 1000	62.5	77.0	81.0	86.2	90.5	91.9	94.4	96.0	96.7	98.1	98.4	98.5	98.5	98.5	98.5	98.5
IV 900	62.5	77.0	81.1	86.2	90.6	92.1	94.6	96.1	96.9	98.4	98.7	98.8	98.8	98.8	98.8	98.8
IV 800	62.5	77.0	81.1	86.3	90.7	92.2	94.6	96.2	96.9	98.4	98.8	98.9	98.9	98.9	98.9	98.9
IV 700	62.5	77.0	81.1	86.3	90.7	92.2	94.7	96.3	97.0	98.6	98.9	99.0	99.1	99.1	99.1	99.1
IV 600	62.5	77.0	81.1	86.4	90.7	92.3	94.8	96.4	97.2	98.7	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	62.5	77.0	81.1	86.4	90.9	92.4	94.9	96.6	97.3	98.9	99.3	99.4	99.5	99.5	99.5	99.5
IV 400	62.5	77.0	81.1	86.4	90.9	92.4	94.9	96.6	97.3	99.0	99.4	99.5	99.7	99.8	99.8	99.8
IV 300	62.5	77.0	81.1	86.4	90.9	92.4	94.9	96.6	97.3	99.1	99.5	99.6	99.8	99.9	99.9	99.9
IV 200	62.5	77.0	81.1	86.4	90.9	92.4	94.9	96.6	97.3	99.1	99.5	99.6	99.8	99.9	100.0	100.0
IV 100	62.5	77.0	81.1	86.4	90.9	92.4	94.9	96.6	97.3	99.1	99.5	99.6	99.8	99.9	100.0	100.0
IV 0	62.5	77.0	81.1	86.4	90.9	92.4	94.9	96.6	97.3	99.1	99.5	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2744

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURKIN AFB CALIF/SAN BERNARDINO  
STATION NAME

42-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	45.2	54.6	57.3	60.2	62.4	63.3	64.9	65.7	66.1	66.9	67.2	67.2	67.3	67.3	67.3	67.3
≥ 20000	48.6	59.2	62.1	65.6	68.1	69.3	70.9	71.9	72.3	73.2	73.6	73.7	73.7	73.7	73.7	73.8
IV 18000	48.8	59.5	62.4	65.9	68.4	69.6	71.2	72.2	72.6	73.5	73.9	74.0	74.0	74.0	74.0	74.1
IV 16000	49.2	60.0	62.9	66.4	69.1	70.3	71.9	72.9	73.3	74.2	74.6	74.6	74.7	74.7	74.7	74.8
IV 14000	50.1	61.1	64.0	67.6	70.3	71.5	73.1	74.2	74.6	75.6	76.0	76.0	76.0	76.0	76.0	76.1
IV 12000	50.6	62.0	65.0	68.5	71.2	72.7	74.5	75.6	76.0	76.9	77.3	77.3	77.3	77.3	77.3	77.4
IV 10000	51.2	62.8	65.9	69.5	72.5	73.8	75.5	76.6	77.0	77.9	78.3	78.4	78.4	78.4	78.4	78.5
IV 9000	51.4	63.1	66.2	69.7	72.8	74.1	75.8	76.9	77.3	78.2	78.6	78.7	78.7	78.7	78.7	78.8
IV 8000	51.7	63.5	66.6	70.2	73.3	74.5	76.3	77.3	77.7	78.7	79.1	79.1	79.2	79.2	79.2	79.2
IV 7000	52.1	64.0	67.1	70.7	73.8	75.1	77.0	78.1	78.5	79.4	79.8	79.9	79.9	79.9	79.9	80.0
IV 6000	52.2	64.4	67.6	71.2	74.3	75.6	77.5	78.6	79.0	80.0	80.5	80.5	80.6	80.6	80.6	80.6
IV 5000	53.2	66.2	69.5	73.1	76.3	77.6	79.5	80.6	81.0	82.0	82.4	82.5	82.5	82.5	82.5	82.6
IV 4500	53.5	66.7	70.1	73.9	77.1	78.4	80.3	81.4	81.8	82.8	83.2	83.3	83.3	83.3	83.3	83.4
IV 4000	53.7	67.5	71.1	75.0	78.4	79.7	81.6	82.7	83.1	84.1	84.6	84.7	84.7	84.7	84.7	84.8
IV 3500	54.1	68.9	72.8	76.9	80.3	81.7	83.6	84.7	85.1	86.1	86.6	86.6	86.7	86.7	86.7	86.7
IV 3000	54.4	70.5	74.4	79.0	82.8	84.1	86.0	87.1	87.6	88.6	89.1	89.1	89.1	89.1	89.1	89.2
IV 2500	54.9	71.8	76.0	80.7	84.8	86.1	88.1	89.2	89.7	90.7	91.2	91.2	91.2	91.2	91.2	91.3
IV 2000	55.2	72.8	77.2	82.1	86.5	87.9	90.0	91.2	91.8	92.9	93.4	93.5	93.5	93.5	93.5	93.7
IV 1800	55.2	73.2	77.7	82.6	87.1	88.5	90.6	91.9	92.4	93.6	94.1	94.2	94.2	94.2	94.2	94.4
IV 1500	55.5	73.9	78.5	83.4	88.1	89.6	92.0	93.3	93.9	95.1	95.7	95.8	95.8	95.8	95.8	96.0
IV 1200	55.5	74.2	79.0	84.1	88.9	90.5	93.0	94.5	95.1	96.5	97.1	97.2	97.2	97.2	97.3	97.4
IV 1000	55.5	74.3	79.3	84.6	89.5	91.1	93.7	95.2	95.8	97.3	98.1	98.1	98.2	98.2	98.3	98.4
IV 900	55.6	74.5	79.5	84.8	89.7	91.3	93.9	95.4	96.1	97.6	98.3	98.4	98.5	98.5	98.5	98.7
IV 800	55.6	74.5	79.5	84.8	89.8	91.4	94.0	95.5	96.1	97.6	98.4	98.5	98.6	98.6	98.6	98.8
IV 700	55.6	74.5	79.5	84.9	89.9	91.5	94.1	95.6	96.3	97.8	98.6	98.7	98.8	98.8	98.8	98.9
IV 600	55.6	74.5	79.5	84.9	89.9	91.5	94.1	95.6	96.3	97.9	98.7	98.8	99.0	99.0	99.0	99.2
IV 500	55.6	74.5	79.6	85.0	90.1	91.6	94.3	95.8	96.5	98.1	98.9	99.1	99.2	99.2	99.2	99.4
IV 400	55.6	74.5	79.6	85.0	90.1	91.7	94.3	95.8	96.6	98.3	99.1	99.2	99.4	99.4	99.5	99.6
IV 300	55.6	74.5	79.6	85.0	90.1	91.7	94.3	95.9	96.7	98.4	99.2	99.3	99.5	99.5	99.6	99.8
IV 200	55.6	74.5	79.6	85.0	90.1	91.7	94.3	95.9	96.7	98.4	99.2	99.3	99.5	99.6	99.6	99.8
IV 100	55.6	74.5	79.6	85.0	90.1	91.7	94.3	95.9	96.7	98.4	99.2	99.4	99.6	99.7	99.7	99.9
IV 0	55.6	74.5	79.6	85.0	90.1	91.7	94.3	95.9	96.7	98.4	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2737

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTEN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS UTC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.5	≥1.3	≥1.1	≥1.0	≥0.9	≥0.8	≥0.7	≥0.6
NO CEILING	46.0	56.4	58.8	61.7	63.6	64.1	65.8	66.7	67.1	67.6	68.0	68.1	68.3	68.3	68.5	68.5
≥ 20000	49.2	59.7	62.2	65.6	67.8	68.4	70.3	71.2	71.6	72.2	72.6	72.7	72.9	73.0	73.1	73.2
≥ 18000	48.3	59.8	62.3	65.7	67.9	68.5	70.4	71.3	71.7	72.3	72.7	72.8	73.0	73.1	73.2	73.3
≥ 16000	48.5	60.1	62.6	66.0	68.3	68.9	70.8	71.7	72.1	72.7	73.1	73.2	73.4	73.5	73.6	73.7
≥ 14000	49.1	61.0	63.5	67.0	69.2	69.9	71.8	72.7	73.1	73.7	74.1	74.2	74.4	74.5	74.6	74.7
≥ 12000	50.2	62.4	64.9	68.4	70.8	71.4	73.3	74.3	74.7	75.2	75.7	75.8	76.0	76.0	76.2	76.2
≥ 10000	50.5	63.1	65.6	69.2	71.5	72.2	74.1	75.1	75.5	76.1	76.5	76.6	76.8	76.9	77.0	77.1
≥ 9000	50.7	63.3	65.9	69.5	71.8	72.5	74.4	75.4	75.8	76.4	76.8	76.9	77.1	77.2	77.3	77.4
≥ 8000	50.8	63.5	66.1	69.7	72.0	72.7	74.7	75.7	76.0	76.6	77.0	77.1	77.3	77.4	77.5	77.6
≥ 7000	51.0	63.7	66.3	69.9	72.3	73.0	75.0	76.1	76.4	77.0	77.4	77.5	77.8	77.8	77.9	78.0
≥ 6000	51.3	64.1	66.8	70.4	72.9	73.6	75.6	76.7	77.1	77.6	78.1	78.2	78.4	78.5	78.6	78.7
≥ 5000	51.9	65.3	68.1	71.9	74.4	75.1	77.1	78.2	78.6	79.2	79.6	79.7	79.9	80.0	80.1	80.2
≥ 4500	52.0	65.7	68.5	72.5	75.0	75.7	77.7	78.7	79.1	79.7	80.1	80.3	80.5	80.5	80.7	80.7
≥ 4000	52.4	66.7	69.7	73.7	76.2	76.9	78.9	80.0	80.4	81.0	81.4	81.5	81.7	81.8	81.9	82.0
≥ 3500	52.9	68.3	71.6	75.8	78.6	79.3	81.3	82.4	82.8	83.4	83.8	83.9	84.1	84.2	84.3	84.4
≥ 3000	53.0	69.6	73.0	77.5	80.5	81.2	83.2	84.5	84.9	85.5	85.9	86.0	86.2	86.3	86.4	86.5
≥ 2500	53.2	70.6	74.3	79.2	82.3	83.1	85.2	86.4	87.0	87.6	88.0	88.1	88.4	88.4	88.6	88.7
≥ 2000	53.7	71.9	75.9	81.1	84.5	85.4	87.6	89.0	89.6	90.2	90.7	90.8	91.1	91.1	91.3	91.4
≥ 1800	53.7	72.1	76.2	81.5	85.0	86.0	88.4	89.7	90.3	91.0	91.5	91.6	91.8	91.9	92.0	92.1
≥ 1500	53.8	72.9	77.0	82.5	86.1	87.2	89.8	91.2	91.8	92.6	93.1	93.2	93.4	93.5	93.6	93.7
≥ 1200	54.0	73.5	77.8	83.4	87.3	88.4	91.0	92.5	93.2	94.1	94.5	94.7	94.9	95.0	95.1	95.2
≥ 1000	54.0	74.0	78.3	83.9	87.9	89.0	91.8	93.3	94.1	95.1	95.9	96.0	96.2	96.3	96.4	96.6
≥ 900	54.1	74.1	78.5	84.1	88.2	89.3	92.2	93.6	94.5	95.7	96.5	96.6	96.8	96.9	97.0	97.2
≥ 800	54.1	74.1	78.5	84.3	88.4	89.6	92.4	93.9	94.8	95.9	96.8	96.9	97.2	97.3	97.5	97.6
≥ 700	54.1	74.1	78.5	84.3	88.5	89.8	92.7	94.1	95.1	96.3	97.1	97.2	97.5	97.7	97.9	98.0
≥ 600	54.1	74.1	78.6	84.5	88.7	89.9	92.8	94.3	95.3	96.5	97.3	97.5	97.8	98.0	98.2	98.3
≥ 500	54.1	74.2	78.6	84.6	88.9	90.2	93.1	94.5	95.5	96.8	97.6	97.8	98.1	98.4	98.6	98.7
≥ 400	54.1	74.2	78.6	84.6	88.9	90.2	93.1	94.6	95.7	96.9	97.8	98.0	98.4	98.7	98.9	99.1
≥ 300	54.1	74.2	78.6	84.6	88.9	90.2	93.1	94.6	95.7	97.0	97.9	98.1	98.6	98.9	99.2	99.3
≥ 200	54.1	74.2	78.6	84.6	89.0	90.2	93.1	94.6	95.7	97.0	97.9	98.1	98.6	99.0	99.2	99.3
≥ 100	54.1	74.2	78.6	84.6	88.9	90.2	93.1	94.6	95.7	97.1	98.0	98.2	98.8	99.2	99.4	99.6
≥ 0	54.1	74.2	78.6	84.6	89.0	90.2	93.2	94.7	95.8	97.2	98.0	98.3	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2715

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NUCTIN AFB CALIF/SAN BERNARDINO  
STATION NAME

44-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	39.0	49.2	52.2	55.2	58.0	58.8	60.7	61.6	62.1	62.6	63.0	63.1	63.4	63.4	63.5	63.6
≥20000	40.9	51.7	54.8	58.0	60.9	61.7	63.7	64.9	65.5	66.2	66.7	66.9	67.3	67.3	67.4	67.5
IV 18000	40.9	51.8	54.9	58.0	61.0	61.8	63.8	65.0	65.6	66.3	66.8	67.0	67.4	67.4	67.5	67.5
IV 16000	41.4	52.4	55.5	58.7	61.6	62.4	64.4	65.6	66.3	66.9	67.5	67.7	68.1	68.1	68.2	68.2
IV 14000	42.0	53.4	56.6	59.8	62.7	63.6	65.5	66.7	67.4	68.0	68.6	68.8	69.2	69.2	69.3	69.4
IV 12000	42.6	53.9	57.2	60.4	63.3	64.2	66.1	67.3	68.0	68.7	69.3	69.5	69.9	69.9	70.0	70.1
IV 10000	43.0	54.6	58.0	61.1	64.1	65.3	66.9	68.2	68.9	69.6	70.1	70.3	70.7	70.7	70.8	70.9
IV 9000	43.1	54.7	58.1	61.2	64.2	65.2	67.1	68.5	69.2	69.9	70.5	70.7	71.1	71.1	71.2	71.2
IV 8000	43.2	54.9	58.3	61.6	64.6	65.5	67.5	68.8	69.5	70.3	70.8	71.0	71.4	71.4	71.5	71.6
IV 7000	43.5	55.2	58.6	61.9	64.9	65.8	67.8	69.2	69.9	70.7	71.3	71.5	71.9	71.9	72.0	72.0
IV 6000	43.9	55.7	59.2	62.5	65.5	66.4	68.6	70.0	70.7	71.5	72.1	72.3	72.6	72.6	72.8	72.8
IV 5000	44.5	56.3	60.3	63.9	66.9	67.8	70.1	71.5	72.3	73.1	73.6	73.8	74.2	74.2	74.3	74.4
IV 4500	44.9	57.0	61.3	64.7	67.7	68.6	70.8	72.3	73.1	73.9	74.4	74.6	75.0	75.0	75.1	75.2
IV 4000	45.5	58.5	62.2	65.7	68.7	69.6	72.0	73.5	74.2	75.1	75.6	75.9	76.2	76.2	76.3	76.4
IV 3500	45.9	60.2	64.0	67.6	70.7	71.6	73.9	75.4	76.1	77.0	77.6	77.8	78.2	78.2	78.3	78.3
IV 3000	47.1	62.6	66.6	70.4	73.5	74.4	76.9	78.4	79.1	80.0	80.6	80.8	81.2	81.2	81.3	81.3
IV 2500	47.9	64.6	68.9	73.1	76.3	77.2	79.6	81.4	82.1	83.1	83.7	83.9	84.2	84.2	84.4	84.4
IV 2000	48.3	66.3	71.2	75.7	79.0	80.0	82.6	84.3	85.1	86.1	86.8	87.0	87.3	87.4	87.5	87.6
IV 1800	48.3	66.9	72.0	76.5	80.0	81.0	83.7	85.6	86.5	87.5	88.1	88.3	88.7	88.7	88.9	88.9
IV 1500	48.3	67.5	72.8	77.7	81.6	82.6	85.6	87.6	88.5	89.5	90.2	90.4	90.8	90.8	91.0	91.0
IV 1200	48.5	68.0	73.8	79.1	83.5	84.5	87.5	89.6	90.6	91.8	92	92.7	93.1	93.1	93.3	93.3
IV 1000	48.5	68.1	73.9	79.4	83.9	84.9	88.2	90.3	91.2	92.7	93.4	93.8	93.9	94.0	94.1	94.1
IV 900	48.5	68.2	74.0	79.5	84.1	85.1	88.4	90.6	91.6	93.1	93.7	93.9	94.3	94.4	94.5	94.6
IV 800	48.5	68.3	74.0	79.6	84.2	85.2	88.7	91.0	92.0	93.4	94.2	94.4	94.8	94.9	95.0	95.1
IV 700	48.5	68.3	74.1	79.7	84.4	85.5	89.0	91.3	92.3	93.7	94.5	94.7	95.2	95.2	95.4	95.4
IV 600	48.5	68.3	74.1	79.7	84.5	85.6	89.1	91.6	92.7	94.1	95.0	95.2	95.6	95.7	95.8	95.9
IV 500	48.5	68.3	74.2	79.8	84.7	85.8	89.4	91.9	93.0	94.5	95.5	95.7	96.3	96.3	96.5	96.5
IV 400	48.5	68.3	74.2	79.8	84.8	85.8	89.5	92.1	93.2	94.7	95.7	96.4	96.8	96.9	97.1	97.1
IV 300	48.5	68.3	74.2	79.8	84.9	86.0	89.6	92.3	93.5	95.1	96.2	96.4	97.3	97.4	97.7	97.8
IV 200	48.5	68.3	74.2	79.8	85.0	86.1	89.8	92.3	93.6	95.3	96.5	96.7	97.9	97.9	98.2	98.5
IV 100	48.5	68.3	74.2	79.8	85.0	86.1	89.8	92.3	93.6	95.3	96.5	96.8	97.9	97.9	98.4	98.6
IV 0	48.5	68.3	74.2	79.8	85.0	86.1	89.8	92.4	93.7	95.5	96.7	96.9	98.3	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2431

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.0	50.8	54.1	56.7	59.1	59.6	61.2	62.2	62.4	63.0	63.2	63.3	63.6	63.6	63.8	63.9
≥ 20000	43.1	53.9	57.2	59.9	62.4	62.9	64.6	65.7	65.4	66.6	67.0	67.0	67.3	67.3	67.5	67.6
≥ 18000	43.2	54.0	57.3	60.0	62.5	63.0	64.7	65.8	66.0	66.8	67.1	67.1	67.4	67.4	67.6	67.8
≥ 16000	43.6	54.5	57.8	60.5	62.0	62.5	63.2	66.3	66.6	67.3	67.6	67.7	68.0	68.0	68.2	68.3
≥ 14000	44.1	55.2	58.7	61.4	63.8	64.4	66.1	67.2	67.4	68.2	68.5	68.6	68.8	68.9	69.1	69.2
≥ 12000	44.7	56.0	59.4	62.2	64.6	65.2	66.9	68.0	68.2	69.0	69.4	69.4	69.7	69.7	69.9	70.0
≥ 10000	45.2	56.7	60.2	63.0	65.5	66.0	67.8	68.9	69.1	69.8	70.3	70.3	70.6	70.6	70.9	71.0
≥ 9000	45.4	57.0	60.5	63.2	65.7	66.2	68.0	69.1	69.4	70.1	70.5	70.6	70.8	70.9	71.1	71.2
≥ 8000	45.4	57.1	60.6	63.4	65.9	66.4	68.2	69.3	69.6	70.3	70.7	70.8	71.0	71.1	71.3	71.4
≥ 7000	45.6	57.4	60.9	63.6	66.1	66.7	68.5	69.6	69.9	70.6	71.0	71.1	71.4	71.4	71.6	71.8
≥ 6000	45.8	57.8	61.4	64.1	66.7	67.3	69.1	70.2	70.5	71.2	71.6	71.7	72.0	72.0	72.2	72.4
≥ 5000	46.5	58.8	62.5	65.2	67.9	68.5	70.3	71.5	71.8	72.6	73.1	73.2	73.4	73.5	73.7	73.8
≥ 4500	46.9	59.6	63.3	66.1	68.8	69.4	71.2	72.4	72.8	73.6	74.0	74.1	74.4	74.4	74.6	74.8
≥ 4000	47.2	60.3	64.0	66.8	69.6	70.2	72.0	73.2	73.5	74.4	74.9	74.9	75.2	75.3	75.5	75.6
≥ 3500	47.9	62.0	65.8	68.8	71.6	72.4	74.2	75.4	75.7	76.6	77.2	77.2	77.5	77.6	77.8	77.9
≥ 3000	48.5	63.4	67.3	70.4	73.4	74.1	76.0	77.2	77.5	78.4	79.0	79.0	79.3	79.4	79.6	79.7
≥ 2500	49.4	66.0	70.1	73.6	76.8	77.5	79.4	80.7	81.0	82.0	82.6	82.6	82.9	83.0	83.2	83.3
≥ 2000	49.8	67.4	71.8	75.9	79.3	80.0	82.0	83.4	83.7	84.8	85.3	85.4	85.7	85.8	86.0	86.1
≥ 1800	49.8	67.8	72.4	76.6	80.2	81.0	83.2	84.6	85.0	86.1	86.6	86.7	87.0	87.1	87.3	87.4
≥ 1500	50.0	68.4	73.4	77.6	81.6	82.7	85.1	86.6	87.0	88.1	88.7	88.7	89.0	89.1	89.4	89.5
≥ 1200	50.0	68.8	74.1	78.8	83.3	84.4	87.1	88.6	89.0	90.5	91.0	91.2	91.6	91.7	91.9	92.0
≥ 1000	50.0	68.9	74.4	79.2	83.9	85.0	87.9	89.5	89.9	91.4	92.0	92.1	92.5	92.6	92.8	93.0
≥ 900	50.0	68.9	74.4	79.2	84.1	85.2	88.1	89.8	90.1	91.6	92.2	92.4	92.8	92.9	93.1	93.2
≥ 800	50.0	69.0	74.5	79.3	84.3	85.4	88.4	90.1	90.5	92.1	92.6	92.8	93.2	93.3	93.6	93.7
≥ 700	50.0	69.0	74.6	79.5	84.7	85.8	88.8	90.6	91.0	92.6	93.2	93.3	93.8	93.8	94.1	94.2
≥ 600	50.0	69.0	74.6	79.5	84.9	86.0	89.0	90.8	91.2	92.9	93.5	93.7	94.2	94.3	94.5	94.6
≥ 500	50.0	69.1	74.6	79.6	84.9	86.0	89.1	90.9	91.3	93.2	93.8	94.1	94.8	94.9	95.2	95.3
≥ 400	50.0	69.1	74.6	79.6	85.0	86.1	89.1	91.0	91.4	93.3	94.0	94.2	95.1	95.2	95.5	95.6
≥ 300	50.0	69.1	74.6	79.6	85.0	86.1	89.2	91.0	91.5	93.5	94.2	94.5	95.4	95.6	95.9	96.0
≥ 200	50.0	69.1	74.6	79.6	85.0	86.1	89.3	91.2	91.7	93.8	94.5	94.8	95.8	96.0	96.5	96.6
≥ 100	50.0	69.1	74.6	79.6	85.0	86.1	89.4	91.2	91.7	93.9	94.6	95.0	96.1	96.3	96.9	97.0
≥ 0	50.0	69.1	74.6	79.6	85.0	86.1	89.4	91.3	91.8	94.0	94.8	95.2	96.4	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2500

USAF ETAC

FORM 102-64

15 EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINE  
STATION NAME

43-72  
YEARS

YER  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	42.2	49.0	51.3	53.7	55.9	56.6	57.6	58.1	58.4	59.0	59.2	59.2	59.8	59.9	60.6	61.0
IV 18000	45.4	53.1	55.8	58.4	60.7	61.6	62.7	63.2	63.6	64.4	64.7	64.7	65.3	65.4	66.1	66.6
IV 16000	45.9	53.2	55.9	58.5	60.9	61.8	62.9	63.4	63.8	64.6	64.9	64.9	65.5	65.6	66.3	66.8
IV 14000	46.6	54.3	57.2	59.8	62.2	63.0	64.2	64.7	65.1	65.9	66.1	66.2	66.7	66.9	67.6	68.1
IV 12000	47.5	55.7	58.4	61.1	63.7	64.5	65.8	66.4	66.8	67.5	67.8	67.8	68.4	68.5	69.2	69.7
IV 10000	48.3	56.8	59.2	61.9	64.3	65.4	66.7	67.3	67.7	68.5	68.8	68.8	69.4	69.5	70.2	70.7
IV 9000	48.9	57.2	60.0	62.7	65.4	66.3	67.6	68.3	68.7	69.4	69.7	69.6	70.3	70.5	71.2	71.7
IV 8000	49.2	57.6	60.4	63.1	65.7	66.6	68.0	68.7	69.1	69.9	70.2	70.2	70.8	70.9	71.6	72.1
IV 7000	49.6	58.3	61.1	63.8	66.5	67.4	68.8	69.5	69.9	70.6	70.9	71.0	71.5	71.7	72.4	72.9
IV 6000	50.0	58.8	61.7	64.5	67.1	68.0	69.4	70.1	70.5	71.3	71.6	71.6	72.2	72.3	73.0	73.5
IV 5000	50.4	59.5	62.5	65.3	68.0	68.8	70.3	70.9	71.3	72.1	72.4	72.4	73.0	73.1	73.8	74.4
IV 4500	51.0	60.5	63.9	66.7	69.4	70.3	71.8	72.5	72.9	73.7	74.0	74.1	74.6	74.8	75.5	76.0
IV 4000	51.3	61.2	64.6	67.6	70.3	71.2	72.8	73.4	73.8	74.7	75.0	75.0	75.6	75.7	76.4	76.9
IV 3500	51.5	61.8	65.3	68.3	71.0	72.1	73.7	74.4	74.8	75.7	76.0	76.1	76.7	76.8	77.5	78.0
IV 3000	52.3	63.2	66.6	69.7	72.4	73.6	75.2	75.9	76.4	77.3	77.6	77.7	78.2	78.4	79.1	79.6
IV 2500	53.3	65.4	68.9	72.1	75.0	76.1	77.8	78.5	79.0	79.8	80.2	80.3	80.8	80.9	81.7	82.3
IV 2000	54.1	67.2	70.9	74.3	77.5	78.6	80.3	81.2	81.7	82.6	83.0	83.1	83.6	83.8	84.5	85.1
IV 1800	54.7	69.0	73.0	76.7	80.1	81.3	83.3	84.4	84.9	85.9	86.3	86.4	86.9	87.1	87.8	88.4
IV 1500	54.7	69.1	73.2	77.1	80.5	81.9	84.0	85.2	85.7	86.7	87.3	87.4	88.0	88.1	88.8	89.4
IV 1200	54.8	69.6	73.8	77.9	81.6	83.1	85.4	86.6	87.1	88.2	88.9	89.0	89.6	89.7	90.5	91.0
IV 1000	54.9	69.8	74.1	78.4	82.6	84.2	86.7	88.2	88.8	90.0	90.7	90.8	91.5	91.6	92.4	92.9
IV 900	54.9	69.9	74.2	78.6	82.8	84.5	87.2	88.9	89.6	90.8	91.7	91.8	92.6	92.7	93.5	94.1
IV 800	54.9	69.9	74.2	78.6	82.8	84.6	87.4	89.1	89.8	91.0	91.9	92.0	92.8	93.0	93.8	94.3
IV 700	54.9	69.9	74.3	78.6	82.9	84.6	87.7	89.4	90.0	91.4	92.2	92.3	93.3	93.4	94.3	94.8
IV 600	54.9	69.9	74.3	78.6	82.9	84.7	87.8	89.6	90.3	91.6	92.7	92.8	93.7	93.9	94.7	95.3
IV 500	54.9	69.9	74.3	78.6	82.9	84.7	87.9	89.6	90.4	91.7	92.8	92.9	93.9	94.1	95.0	95.5
IV 400	54.9	69.9	74.3	78.6	82.9	84.7	88.0	89.8	90.6	92.1	93.3	93.4	94.5	94.8	95.6	96.2
IV 300	54.9	69.9	74.3	78.6	82.9	84.7	88.0	89.8	90.6	92.1	93.3	93.5	94.8	95.1	96.0	96.5
IV 200	54.9	69.9	74.3	78.6	82.9	84.7	88.1	89.9	90.7	92.2	93.6	93.8	95.3	95.7	96.7	97.1
IV 100	54.9	69.9	74.3	78.6	82.9	84.7	88.1	89.9	90.7	92.3	93.6	93.9	95.5	96.0	97.2	98.1
IV 0	54.9	69.9	74.3	78.6	82.9	84.7	88.1	89.9	90.7	92.3	93.8	94.0	95.7	96.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2319

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 WORTON AFB CALIF SAN BERNARDINE 43-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	44.0	50.2	52.5	55.0	57.1	57.9	58.9	59.7	60.1	60.9	61.1	61.2	61.3	61.4	61.4	61.4
≥ 20000	43.7	56.2	59.1	61.8	64.4	65.3	66.7	67.9	68.3	69.1	69.5	69.5	69.7	69.8	69.8	69.9
VM 18000	49.9	56.4	59.3	62.0	64.7	65.6	67.0	68.2	68.7	69.5	69.9	69.9	70.1	70.2	70.2	70.3
VM 16000	51.1	57.7	60.7	63.4	66.0	67.0	68.5	69.7	70.1	71.0	71.2	71.4	71.6	71.6	71.6	71.7
VM 14000	52.5	59.4	62.3	65.2	67.9	68.9	70.4	71.7	72.2	73.1	73.4	73.5	73.6	73.7	73.7	73.8
VM 12000	53.1	60.0	63.0	65.9	68.7	69.7	71.3	72.6	73.1	74.0	74.3	74.4	74.5	74.6	74.6	74.7
VM 10000	53.9	60.5	63.6	66.5	69.4	70.4	72.0	73.3	73.8	74.7	75.0	75.1	75.3	75.4	75.4	75.5
VM 9000	53.7	60.9	63.9	66.9	69.7	70.8	72.4	73.7	74.2	75.1	75.4	75.5	75.7	75.8	75.8	75.9
VM 8000	54.3	61.6	64.7	67.6	70.5	71.5	73.2	74.5	75.0	75.9	76.2	76.3	76.5	76.6	76.6	76.7
VM 7000	54.4	61.9	65.1	68.1	71.0	72.0	73.7	75.0	75.5	76.4	76.7	76.8	77.0	77.1	77.1	77.2
VM 6000	54.8	62.4	65.6	68.7	71.5	72.6	74.3	75.5	76.0	77.0	77.3	77.4	77.6	77.7	77.7	77.8
VM 5000	55.3	63.4	66.8	69.9	72.9	73.9	75.7	77.0	77.5	78.4	78.8	78.9	79.1	79.2	79.2	79.3
VM 4500	55.4	63.7	67.1	70.3	73.4	74.4	76.2	77.5	78.0	79.0	79.3	79.4	79.6	79.7	79.7	79.8
VM 4000	56.3	65.1	68.6	71.9	75.2	76.3	78.0	79.3	79.9	80.8	81.1	81.3	81.6	81.7	81.7	81.7
VM 3500	57.0	66.2	69.9	73.4	76.7	77.8	79.7	81.0	81.5	82.5	82.8	83.0	83.2	83.3	83.3	83.4
VM 3000	57.9	68.2	72.0	75.7	79.2	80.3	82.2	83.6	84.2	85.2	85.5	85.7	85.9	86.0	86.0	86.1
VM 2500	58.7	69.8	73.9	77.7	81.5	82.6	84.7	86.3	86.9	87.9	88.3	88.5	88.8	88.8	88.8	89.0
VM 2000	59.1	71.3	75.8	79.9	83.8	85.2	87.5	89.2	90.0	91.1	91.5	91.7	92.0	92.1	92.1	92.2
VM 1800	59.1	71.5	76.1	80.3	84.5	86.0	88.2	90.0	90.7	91.9	92.3	92.5	92.8	92.9	92.9	93.0
VM 1500	59.1	71.8	76.5	81.1	85.5	87.1	89.6	91.6	92.3	93.4	93.9	94.0	94.4	94.5	94.5	94.6
VM 1200	59.1	71.9	76.6	81.3	85.9	87.6	90.2	92.3	93.1	94.2	94.8	94.9	95.3	95.4	95.4	95.5
VM 1000	59.1	71.9	76.7	81.4	86.1	87.8	90.7	93.1	94.0	95.4	95.9	96.0	96.4	96.5	96.5	96.6
VM 900	59.1	71.9	76.7	81.4	86.1	87.9	90.7	93.2	94.2	95.6	96.1	96.3	96.7	96.8	96.8	96.9
VM 800	59.1	71.9	76.7	81.4	86.2	88.0	90.9	93.4	94.3	95.8	96.5	96.7	97.1	97.3	97.3	97.4
VM 700	59.1	71.9	76.7	81.4	86.2	88.0	90.9	93.5	94.4	95.9	96.7	96.9	97.3	97.5	97.5	97.6
VM 600	59.1	71.9	76.7	81.4	86.3	88.0	91.0	93.6	94.6	96.1	96.9	97.1	97.5	97.7	97.7	97.8
VM 500	59.1	71.9	76.7	81.4	86.3	88.0	91.0	93.6	94.7	96.3	97.2	97.3	97.8	98.0	98.1	98.2
VM 400	59.1	71.9	76.7	81.5	86.3	88.1	91.1	93.7	94.8	96.5	97.5	97.6	98.2	98.4	98.5	98.6
VM 300	59.1	71.9	76.7	81.5	86.3	88.1	91.1	93.7	94.9	96.5	97.5	97.7	98.2	98.5	98.6	98.8
VM 200	59.1	71.9	76.7	81.5	86.3	88.1	91.1	93.7	94.9	96.5	97.5	97.7	98.3	98.6	98.8	99.0
VM 100	59.1	71.9	76.7	81.5	86.3	88.1	91.1	93.7	94.9	96.6	97.6	97.8	98.4	98.7	98.9	99.2
VM 0	59.1	71.9	76.7	81.5	86.4	88.1	91.1	93.8	94.9	96.7	97.7	97.9	98.5	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2518

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

HORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

FFB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	45.2	51.0	53.3	55.7	57.4	58.2	59.2	59.8	60.0	60.5	60.7	60.8	60.8	60.8	60.8	60.8
≥ 20000	50.6	58.1	60.9	63.8	65.9	67.2	68.4	69.2	69.4	70.2	70.4	70.5	70.5	70.5	70.5	70.5
IV 18000	50.7	58.3	61.2	64.1	66.3	67.6	68.8	69.6	69.8	70.7	70.9	71.0	71.0	71.0	71.0	71.0
IV 16000	51.7	59.5	62.3	65.2	67.5	68.9	70.2	71.0	71.2	72.1	72.3	72.4	72.4	72.5	72.5	72.5
IV 14000	52.9	61.0	63.8	67.0	69.3	70.8	72.1	73.0	73.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5
IV 12000	53.6	61.8	64.8	68.1	70.6	72.1	73.6	74.5	74.7	75.7	75.9	76.0	76.0	76.1	76.1	76.1
≥ 10000	53.8	62.1	65.1	68.5	71.0	72.6	74.1	75.0	75.2	76.3	76.5	76.6	76.7	76.7	76.7	76.7
IV 9000	53.9	62.3	65.3	68.8	71.4	73.1	74.5	75.4	75.7	76.7	76.9	77.0	77.1	77.1	77.1	77.1
IV 8000	54.5	63.0	66.1	69.6	72.1	73.8	75.4	76.3	76.6	77.6	77.8	77.9	78.0	78.1	78.1	78.1
IV 7000	54.8	63.4	66.6	70.2	72.8	74.5	76.1	77.0	77.3	78.3	78.5	78.6	78.7	78.7	78.7	78.7
IV 6000	55.6	64.3	67.6	71.1	73.8	75.5	77.1	78.0	78.3	79.3	79.5	79.7	79.7	79.8	79.8	79.8
IV 5000	56.6	66.0	69.2	72.8	75.5	77.3	78.9	79.8	80.0	81.1	81.3	81.4	81.5	81.5	81.5	81.5
IV 4500	57.0	67.0	70.3	74.0	76.7	78.6	80.2	81.1	81.4	82.4	82.6	82.8	82.8	82.9	82.9	82.9
IV 4000	58.4	69.0	72.5	76.2	78.9	80.8	82.4	83.3	83.6	84.7	84.9	85.0	85.1	85.1	85.1	85.1
IV 3500	59.6	70.9	74.5	78.7	81.5	83.4	85.0	85.9	86.2	87.3	87.5	87.6	87.7	87.8	87.8	87.8
IV 3000	60.8	73.0	76.8	81.2	84.0	86.0	87.6	88.5	88.9	90.0	90.2	90.3	90.4	90.5	90.5	90.5
IV 2500	61.5	74.4	78.4	83.0	86.0	88.3	90.1	91.2	91.6	92.8	93.0	93.2	93.2	93.3	93.3	93.3
IV 2000	62.2	75.4	79.9	84.6	87.8	90.1	92.1	93.3	93.7	94.9	95.2	95.3	95.4	95.4	95.4	95.4
IV 1800	62.3	75.8	80.4	85.2	88.6	90.8	92.9	94.1	94.5	95.7	96.1	96.2	96.3	96.3	96.3	96.3
IV 1500	62.3	76.0	80.6	85.5	89.1	91.5	93.7	94.9	95.3	96.6	97.0	97.2	97.3	97.4	97.4	97.4
IV 1200	62.4	76.2	80.9	85.9	89.6	92.0	94.4	95.7	96.0	97.4	97.9	98.0	98.2	98.3	98.3	98.3
IV 1000	62.4	76.3	81.0	86.1	89.9	92.4	95.0	96.3	96.7	98.2	98.6	98.8	98.9	99.0	99.0	99.0
IV 900	62.4	76.3	81.0	86.1	89.9	92.4	95.0	96.4	96.8	98.3	98.8	99.0	99.2	99.2	99.2	99.2
IV 800	62.4	76.3	81.0	86.1	89.9	92.4	95.0	96.5	96.9	98.4	98.9	99.1	99.3	99.4	99.4	99.4
IV 700	62.4	76.3	81.0	86.1	89.9	92.4	95.1	96.6	96.9	98.5	99.1	99.3	99.5	99.6	99.6	99.6
IV 600	62.4	76.3	81.0	86.1	89.9	92.4	95.1	96.7	97.0	98.6	99.2	99.4	99.6	99.7	99.7	99.7
IV 500	62.4	76.3	81.0	86.1	89.9	92.4	95.1	96.7	97.0	98.6	99.3	99.5	99.7	99.8	99.8	99.8
IV 400	62.4	76.3	81.0	86.1	89.9	92.4	95.2	96.7	97.1	98.7	99.4	99.6	99.8	99.9	99.9	99.9
IV 300	62.4	76.3	81.0	86.1	89.9	92.5	95.2	96.7	97.1	98.7	99.4	99.6	99.8	99.9	100.0	100.0
IV 200	62.4	76.3	81.0	86.1	89.9	92.5	95.2	96.7	97.1	98.7	99.4	99.6	99.8	99.9	100.0	100.0
IV 100	62.4	76.3	81.0	86.1	89.9	92.5	95.2	96.7	97.1	98.7	99.4	99.6	99.8	99.9	100.0	100.0
IV 0	62.4	76.3	81.0	86.1	89.9	92.5	95.2	96.7	97.1	98.7	99.4	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2516



DATA PROCESSING BRANC-  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAH BERNARDINO  
STATION NAME

43-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	42.6	49.7	52.0	54.6	56.9	57.9	59.3	60.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 20000	47.0	55.7	58.4	61.7	64.6	66.3	68.0	69.1	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.5
≥ 18000	47.3	56.0	58.7	62.0	65.0	66.4	68.4	69.4	70.0	70.5	70.7	70.7	70.7	70.8	70.8	70.8
≥ 16000	47.6	56.4	59.2	62.6	65.5	67.0	69.0	70.0	70.6	71.1	71.3	71.3	71.3	71.4	71.4	71.4
≥ 14000	48.6	57.9	60.8	64.3	67.4	69.0	71.1	72.3	72.9	73.5	73.6	73.7	73.7	73.7	73.7	73.8
≥ 12000	49.2	58.8	61.9	65.6	68.7	70.4	72.6	73.7	74.3	74.9	75.1	75.2	75.2	75.3	75.3	75.3
≥ 10000	49.6	59.3	62.4	66.1	69.3	71.0	73.3	74.4	75.0	75.6	75.8	75.9	76.0	76.0	76.0	76.1
≥ 9000	49.7	59.5	62.6	66.4	69.7	71.5	73.7	74.9	75.5	76.1	76.2	76.3	76.4	76.5	76.5	76.5
≥ 8000	50.2	60.0	63.1	67.1	70.4	72.1	74.6	75.9	76.5	77.1	77.3	77.4	77.5	77.5	77.5	77.5
≥ 7000	50.6	60.7	63.8	67.8	71.0	72.8	75.3	76.6	77.2	77.8	78.0	78.1	78.2	78.3	78.3	78.3
≥ 6000	51.6	61.9	65.0	69.0	72.3	74.1	76.6	77.9	78.6	79.2	79.3	79.4	79.6	79.6	79.6	79.6
≥ 5000	52.9	63.8	67.2	71.2	74.7	76.5	79.0	80.3	81.0	81.6	81.8	81.9	82.0	82.0	82.0	82.1
≥ 4500	53.9	65.0	68.4	72.5	76.0	77.8	80.3	81.6	82.3	82.9	83.1	83.2	83.3	83.4	83.4	83.4
≥ 4000	55.3	67.2	70.7	74.9	78.4	80.3	82.8	84.2	84.8	85.4	85.6	85.7	85.8	85.9	85.9	85.9
≥ 3500	56.5	68.8	72.4	77.0	80.7	82.7	85.3	86.6	87.2	87.9	88.0	88.1	88.3	88.3	88.3	88.3
≥ 3000	57.9	70.9	74.7	79.6	83.6	85.6	88.2	89.5	90.2	90.9	91.1	91.2	91.3	91.4	91.4	91.4
≥ 2500	58.9	72.4	76.3	81.4	85.5	87.6	90.3	91.8	92.4	93.3	93.4	93.5	93.7	93.7	93.7	93.7
≥ 2000	59.1	73.2	77.4	82.9	87.3	89.3	92.3	93.9	94.6	95.5	95.7	95.8	95.9	95.9	95.9	96.0
≥ 1800	59.1	73.3	77.6	83.2	87.6	89.9	92.8	94.4	95.1	95.9	96.1	96.2	96.4	96.4	96.4	96.4
≥ 1500	59.3	73.6	78.0	83.6	88.2	90.5	93.6	95.3	96.1	97.2	97.5	97.6	97.7	97.8	97.8	97.8
≥ 1200	59.3	73.8	78.4	84.2	88.8	91.3	94.4	96.2	97.0	98.2	98.6	98.7	98.8	98.9	98.9	98.9
≥ 1000	59.3	73.8	78.4	84.3	89.0	91.5	94.7	96.4	97.3	98.7	99.0	99.2	99.3	99.4	99.4	99.4
≥ 900	59.3	73.8	78.4	84.3	89.0	91.5	94.7	96.4	97.3	98.7	99.1	99.2	99.4	99.4	99.4	99.4
≥ 800	59.3	73.9	78.5	84.4	89.1	91.5	94.7	96.5	97.4	98.8	99.2	99.3	99.5	99.5	99.5	99.6
≥ 700	59.3	73.9	78.5	84.4	89.1	91.5	94.7	96.5	97.4	98.8	99.3	99.4	99.6	99.6	99.6	99.6
≥ 600	59.3	73.9	78.5	84.4	89.1	91.5	94.7	96.5	97.4	98.8	99.4	99.5	99.6	99.7	99.7	99.7
≥ 500	59.3	73.9	78.5	84.4	89.1	91.6	94.8	96.5	97.4	98.8	99.4	99.6	99.7	99.8	99.8	99.8
≥ 400	59.3	73.9	78.5	84.4	89.1	91.6	94.8	96.6	97.5	98.9	99.5	99.6	99.8	99.8	99.8	99.9
≥ 300	59.3	73.9	78.5	84.4	89.2	91.7	94.9	96.6	97.6	99.0	99.6	99.7	99.9	99.9	99.9	100.0
≥ 200	59.3	73.9	78.5	84.4	89.2	91.7	94.9	96.6	97.6	99.0	99.6	99.8	99.9	100.0	100.0	100.0
≥ 100	59.3	73.9	78.5	84.4	89.2	91.7	94.9	96.6	97.6	99.0	99.6	99.8	99.9	100.0	100.0	100.0
0	59.2	73.9	78.5	84.4	89.2	91.7	94.9	96.6	97.6	99.0	99.6	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2506

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	36.4	46.6	50.3	54.0	56.3	57.7	59.4	60.7	61.3	61.9	62.0	62.0	62.4	67.4	62.4	62.5
IV 18000	39.7	51.2	55.5	60.0	63.1	64.8	66.9	68.6	69.5	70.4	70.8	70.9	71.3	71.3	71.3	71.4
IV 16000	39.8	51.3	55.6	60.1	63.4	65.1	67.1	68.9	69.7	70.6	71.1	71.1	71.5	71.5	71.5	71.7
IV 14000	40.5	52.2	56.8	61.3	64.7	66.4	68.6	70.3	71.3	72.2	72.7	72.7	73.1	73.1	73.1	73.3
IV 12000	41.0	52.8	57.4	62.1	65.5	67.2	69.3	71.2	72.2	73.2	73.7	73.7	74.2	74.2	74.3	74.4
IV 10000	41.3	53.4	58.0	62.9	66.3	68.1	70.4	72.2	73.1	74.1	74.7	74.7	75.2	75.2	75.2	75.3
IV 9000	41.3	53.4	58.1	63.1	66.5	68.3	70.7	72.5	73.4	74.4	74.9	75.0	75.4	75.4	75.5	75.6
IV 8000	41.5	53.7	58.4	63.4	66.9	68.8	71.3	73.1	74.0	75.0	75.5	75.6	76.0	76.0	76.1	76.2
IV 7000	41.8	54.1	58.9	63.9	67.4	69.3	71.9	73.7	74.6	75.6	76.1	76.2	76.6	76.6	76.7	76.8
IV 6000	42.0	54.9	59.8	64.8	68.3	70.3	72.9	74.7	75.6	76.7	77.2	77.2	77.7	77.7	77.8	77.9
IV 5000	43.0	57.0	62.0	67.1	70.7	72.7	75.4	77.2	78.1	79.2	79.7	79.7	80.2	80.2	80.3	80.4
IV 4500	43.4	57.8	62.9	68.1	71.6	73.6	76.3	78.1	79.1	80.1	80.6	80.7	81.1	81.1	81.2	81.3
IV 4000	44.5	59.5	64.9	70.1	73.7	75.6	78.5	80.3	81.2	82.2	82.8	82.8	83.3	83.3	83.3	83.4
IV 3500	45.3	61.1	66.7	72.1	75.9	78.0	80.9	82.7	83.7	84.7	85.2	85.3	85.7	85.7	85.8	85.9
IV 3000	46.3	63.4	69.5	75.4	79.3	81.4	84.4	86.2	87.2	88.2	88.8	88.9	89.3	89.3	89.4	89.5
IV 2500	46.8	64.9	71.2	77.6	81.5	83.8	87.0	88.8	89.8	90.9	91.4	91.4	91.9	91.9	92.0	92.1
IV 2000	47.1	66.3	72.9	79.3	83.7	86.1	89.4	91.3	92.3	93.4	94.0	94.0	94.5	94.5	94.6	94.7
IV 1800	47.2	66.7	73.2	79.7	84.1	86.5	89.8	91.7	92.7	93.8	94.4	94.4	94.9	94.9	95.0	95.1
IV 1500	47.2	67.2	73.8	80.8	85.1	87.5	91.0	92.9	94.0	95.1	95.6	95.7	96.2	96.2	96.2	96.3
IV 1200	47.2	67.5	74.2	81.4	85.9	88.3	92.0	94.0	95.1	96.4	96.9	97.0	97.5	97.5	97.5	97.7
IV 1000	47.2	67.7	74.5	81.7	86.4	89.0	92.7	94.8	95.9	97.4	98.0	98.1	98.6	98.6	98.6	98.8
IV 900	47.2	67.7	74.5	81.7	86.5	89.0	92.9	95.0	96.1	97.6	98.3	98.3	98.8	98.8	98.9	99.0
IV 800	47.2	67.8	74.5	81.8	86.5	89.1	93.0	95.1	96.3	97.9	98.5	98.5	99.1	99.1	99.2	99.3
IV 700	47.2	67.8	74.6	81.8	86.6	89.2	93.0	95.1	96.3	97.9	98.6	98.6	99.2	99.2	99.2	99.4
IV 600	47.2	67.8	74.6	81.8	86.6	89.2	93.0	95.1	96.3	98.1	98.7	98.8	99.4	99.4	99.4	99.5
IV 500	47.2	67.8	74.6	81.8	86.6	89.2	93.0	95.2	96.4	98.1	98.8	98.8	99.4	99.4	99.5	99.6
IV 400	47.2	67.8	74.6	81.8	86.7	89.2	93.1	95.2	96.5	98.2	98.8	98.9	99.5	99.5	99.5	99.6
IV 300	47.2	67.8	74.6	81.8	86.7	89.2	93.1	95.2	96.5	98.2	98.9	98.9	99.6	99.6	99.6	99.7
IV 200	47.2	67.8	74.6	81.8	86.7	89.2	93.1	95.2	96.5	98.3	99.0	99.0	99.7	99.7	99.7	99.8
IV 100	47.2	67.8	74.6	81.8	86.7	89.2	93.1	95.2	96.5	98.3	99.0	99.0	99.7	99.7	99.7	99.8
IV 0	47.2	67.8	74.6	81.8	86.7	89.2	93.1	95.2	96.5	98.4	99.0	99.1	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2517

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

HURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.3	48.4	51.8	55.0	47.9	58.8	50.6	61.8	62.5	63.1	63.4	63.4	63.6	63.6	63.7	63.7
IV 20000	39.1	51.4	55.2	58.9	62.7	63.1	65.2	66.7	67.7	68.7	69.3	69.3	69.5	69.5	69.5	69.5
IV 18000	39.2	51.5	55.3	59.0	62.4	63.2	65.4	66.9	67.8	68.8	69.4	69.4	69.6	69.6	69.7	69.7
IV 16000	39.3	51.7	55.6	59.3	62.8	63.7	65.8	67.3	68.3	69.3	69.9	69.9	70.1	70.2	70.2	70.2
IV 14000	39.9	52.5	56.5	60.3	63.8	64.7	67.0	68.5	69.5	70.6	71.2	71.2	71.4	71.4	71.5	71.5
IV 12000	40.3	53.0	57.1	60.8	64.3	65.2	67.7	69.2	70.1	71.4	72.0	72.1	72.3	72.3	72.4	72.4
IV 10000	40.6	53.6	57.8	61.6	65.1	66.1	68.5	70.1	71.0	72.3	72.9	73.0	73.2	73.2	73.2	73.2
IV 9000	40.7	53.8	57.9	61.8	65.3	66.3	68.9	70.4	71.4	72.7	73.3	73.3	73.5	73.6	73.6	73.6
IV 8000	41.3	54.4	58.5	62.4	66.0	67.1	69.6	71.2	72.2	73.4	74.0	74.1	74.3	74.3	74.4	74.4
IV 7000	41.7	55.1	59.4	63.3	66.9	67.9	70.5	72.1	73.1	74.4	75.0	75.1	75.3	75.3	75.3	75.3
IV 6000	41.9	55.4	59.7	63.6	67.1	68.2	70.8	72.4	73.4	74.7	75.3	75.4	75.6	75.6	75.7	75.7
IV 5000	42.3	56.4	60.7	64.7	68.3	69.4	72.1	73.8	74.7	76.1	76.7	76.7	76.9	76.9	77.0	77.0
IV 4500	42.7	57.1	61.5	65.4	69.1	70.1	72.9	74.5	75.5	76.8	77.4	77.5	77.7	77.7	77.7	77.7
IV 4000	43.0	58.3	62.8	66.8	70.6	71.6	74.4	76.1	77.0	78.3	78.9	79.0	79.2	79.2	79.3	79.3
IV 3500	43.5	60.0	64.6	68.6	72.4	73.5	76.3	78.0	79.0	80.3	80.9	81.0	81.2	81.2	81.2	81.2
IV 3000	44.2	62.5	67.4	71.3	75.2	76.2	79.0	81.4	82.3	83.4	84.2	84.3	84.5	84.5	84.6	84.6
IV 2500	44.9	64.7	69.9	74.4	78.7	79.8	82.8	84.7	85.6	86.9	87.5	87.5	87.8	87.8	87.9	87.9
IV 2000	45.4	67.1	72.7	77.6	82.3	83.4	86.6	88.5	89.5	90.9	91.5	91.5	91.7	91.8	91.8	91.8
IV 1800	45.4	67.4	73.0	78.1	83.0	84.2	87.4	89.4	90.4	91.8	92.4	92.4	92.6	92.7	92.8	92.8
IV 1500	45.5	68.0	73.7	78.9	84.1	85.4	88.8	90.8	91.8	93.3	94.0	94.0	94.2	94.3	94.3	94.3
IV 1200	45.6	68.4	74.2	79.7	85.2	86.5	89.9	92.0	93.2	94.7	95.4	95.4	95.7	95.7	95.8	95.8
IV 1000	45.6	68.8	74.7	80.4	86.2	87.5	91.2	93.5	94.7	96.3	97.0	97.0	97.3	97.3	97.4	97.4
IV 900	45.6	68.9	74.8	80.5	86.3	87.5	91.3	93.6	94.9	96.4	97.1	97.2	97.5	97.5	97.6	97.6
IV 800	45.6	69.0	74.8	80.6	86.5	87.7	91.6	93.9	95.2	96.7	97.5	97.5	97.8	97.8	97.9	97.9
IV 700	45.6	69.0	74.9	80.6	86.5	87.8	91.6	94.1	95.3	96.9	97.6	97.7	98.0	98.0	98.1	98.1
IV 600	45.6	69.0	75.0	80.7	86.6	87.9	91.7	94.2	95.6	97.3	98.0	98.0	98.3	98.4	98.4	98.4
IV 500	45.6	69.0	75.0	80.7	86.7	88.0	91.9	94.4	95.8	97.6	98.3	98.4	98.6	98.7	98.8	98.8
IV 400	45.6	69.0	75.0	80.7	86.7	88.1	91.7	94.5	95.8	97.7	98.4	98.5	98.8	98.8	98.9	98.9
IV 300	45.6	69.0	75.0	80.7	86.8	88.1	92.0	94.5	95.9	97.8	98.6	98.6	98.9	99.0	99.4	99.4
IV 200	45.6	69.0	75.0	80.7	86.8	88.1	92.0	94.3	95.9	97.8	98.6	98.7	99.0	99.1	99.5	99.5
IV 100	45.6	69.0	75.0	80.7	86.8	88.1	92.0	94.6	95.9	97.9	98.7	98.7	99.1	99.1	99.5	99.5
IV 0	45.6	69.0	75.0	80.7	86.9	88.2	92.1	94.7	96.1	98.0	98.8	98.8	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2459

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	28.7	40.4	43.4	47.9	50.6	52.6	55.3	56.8	57.4	58.2	50.4	58.4	58.7	58.8	58.8	58.8
≥ 20000	29.8	41.8	45.1	50.0	53.1	55.4	58.3	59.9	60.7	61.6	61.9	61.9	62.2	62.3	62.3	62.3
≥ 18000	29.8	41.8	45.2	50.0	53.1	55.5	58.4	60.0	60.8	61.7	62.0	62.0	62.3	62.4	62.4	62.4
≥ 16000	30.2	42.4	45.8	50.7	53.9	56.2	59.3	60.8	61.6	62.6	62.8	62.9	63.2	63.2	63.3	63.3
≥ 14000	30.3	42.6	46.1	50.9	54.2	56.5	59.3	61.1	61.9	62.9	63.1	63.2	63.5	63.5	63.6	63.6
≥ 12000	30.4	42.7	46.2	51.2	54.4	57.0	60.1	61.6	62.4	63.3	63.6	63.6	64.0	64.0	64.0	64.0
≥ 10000	30.5	42.9	46.4	51.4	54.8	57.2	60.2	61.8	62.6	63.6	63.8	63.9	64.2	64.2	64.3	64.3
≥ 9000	30.7	43.3	46.8	51.7	55.2	57.5	60.6	62.2	63.0	63.9	64.2	64.2	64.5	64.6	64.6	64.6
≥ 8000	30.9	43.5	47.0	52.0	55.5	57.8	60.9	62.5	63.3	64.2	64.5	64.5	64.8	64.9	64.9	64.9
≥ 7000	31.1	43.7	47.2	52.3	55.7	58.1	61.2	62.7	63.5	64.5	64.8	64.8	65.1	65.2	65.2	65.2
≥ 6000	31.4	44.3	47.8	52.9	56.3	58.7	61.8	63.3	64.1	65.1	65.4	65.4	65.7	65.8	65.8	65.8
≥ 5000	31.6	45.6	49.4	54.6	58.0	60.4	63.4	65.0	65.8	66.8	67.0	67.1	67.4	67.5	67.5	67.5
≥ 4500	31.9	46.6	50.4	55.6	59.0	61.4	64.5	66.1	66.9	67.9	68.1	68.2	68.5	68.6	68.6	68.6
≥ 4000	32.9	48.3	52.4	57.6	61.1	63.5	66.6	68.2	69.0	70.0	70.2	70.3	70.6	70.6	70.7	70.7
≥ 3500	33.6	50.0	54.3	59.6	63.2	65.6	68.0	70.4	71.1	72.1	72.4	72.4	72.7	72.8	72.8	72.8
≥ 3000	34.4	52.3	56.8	62.1	65.9	68.4	71.7	73.3	74.1	75.1	75.3	75.3	75.7	75.7	75.8	75.8
≥ 2500	35.0	55.4	60.3	65.8	69.3	72.3	75.8	77.5	78.3	79.2	79.5	79.5	79.9	79.9	79.9	79.9
≥ 2000	35.6	58.5	64.4	70.3	74.5	77.1	80.9	82.6	83.4	84.4	84.6	84.7	85.0	85.1	85.1	85.1
≥ 1800	35.8	59.6	65.8	71.9	76.4	79.0	82.8	84.7	85.5	86.5	86.8	86.8	87.2	87.2	87.3	87.3
≥ 1500	35.8	60.6	67.1	73.6	78.4	81.2	85.1	87.2	88.0	89.0	89.3	89.3	89.7	89.7	89.8	89.8
≥ 1200	36.1	61.6	68.6	75.5	80.8	83.8	88.3	90.7	91.5	92.7	93.0	93.0	93.4	93.4	93.5	93.5
≥ 1000	36.2	62.1	69.2	76.2	81.9	84.9	90.1	92.8	93.6	94.9	95.2	95.2	95.6	95.7	95.8	95.8
≥ 900	36.2	62.2	69.3	76.3	82.0	85.0	90.2	93.0	93.9	95.1	95.4	95.4	95.8	96.0	96.0	96.0
≥ 800	36.3	62.3	69.4	76.4	82.2	85.2	90.5	93.4	94.3	95.6	95.9	95.9	96.3	96.4	96.5	96.5
≥ 700	36.3	62.4	69.5	76.6	82.4	85.4	90.8	93.8	94.7	96.0	96.4	96.4	96.8	96.9	97.0	97.0
≥ 600	36.3	62.4	69.5	76.6	82.6	85.6	91.1	94.2	95.0	96.4	96.7	96.7	97.2	97.3	97.3	97.3
≥ 500	36.3	62.4	69.5	76.6	82.7	85.7	91.2	94.4	95.3	96.6	97.0	97.0	97.4	97.5	97.6	97.6
≥ 400	36.3	62.4	69.5	76.6	82.9	85.9	91.5	94.7	95.7	97.0	97.6	97.7	98.1	98.3	98.3	98.3
≥ 300	36.3	62.4	69.6	76.6	83.0	86.0	91.7	95.0	96.0	97.4	98.0	98.1	98.6	98.9	99.0	99.0
≥ 200	36.3	62.4	69.6	76.6	83.0	86.0	91.7	95.0	96.0	97.6	98.3	98.4	99.0	99.3	99.6	99.6
≥ 100	36.3	62.4	69.6	76.6	83.0	86.0	91.7	95.0	96.0	97.6	98.3	98.5	99.2	99.4	99.7	99.8
≥ 0	36.3	62.4	69.6	76.6	83.0	86.0	91.7	95.0	96.0	97.7	98.4	98.6	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2722

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22122

MURTON AFB CALIF/SAN BERNARDINO

43-72

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	31.5	43.6	46.4	49.5	51.5	52.9	54.2	55.5	55.9	56.5	56.6	56.6	56.8	56.8	56.8	56.9
IV 20000	32.7	45.2	48.2	51.8	53.9	55.4	56.8	58.1	58.7	59.4	59.5	59.5	59.7	59.7	59.7	59.9
IV 18000	32.8	45.4	48.5	52.0	54.1	55.7	57.1	58.4	59.0	59.6	59.7	59.8	60.0	60.0	60.0	60.1
IV 16000	33.2	45.9	49.0	52.5	54.7	56.2	57.8	59.1	59.7	60.3	60.4	60.5	60.7	60.7	60.7	60.8
IV 14000	33.5	46.2	49.4	53.0	55.2	56.8	58.3	59.6	60.3	60.9	61.0	61.0	61.3	61.3	61.3	61.4
IV 12000	33.8	46.6	49.8	53.5	55.8	57.4	58.9	60.3	60.9	61.5	61.6	61.7	61.9	61.9	61.9	62.0
IV 10000	34.0	46.9	50.1	53.8	56.1	57.7	59.2	60.6	61.2	61.8	61.9	62.0	62.2	62.2	62.2	62.3
IV 9000	34.0	47.0	50.2	53.9	56.2	57.8	59.4	60.7	61.3	61.9	62.1	62.1	62.3	62.3	62.3	62.5
IV 8000	34.2	47.2	50.5	54.2	56.5	58.1	59.7	61.0	61.7	62.3	62.4	62.5	62.7	62.7	62.7	62.8
IV 7000	34.4	47.5	50.7	54.5	56.8	58.4	60.0	61.3	61.9	62.6	62.7	62.7	63.0	63.0	63.0	63.1
IV 6000	34.6	47.9	51.1	54.8	57.2	58.8	60.4	61.8	62.4	63.0	63.1	63.2	63.4	63.4	63.4	63.5
IV 5000	34.8	49.0	52.4	56.2	58.7	60.3	61.9	63.2	63.8	64.4	64.5	64.6	64.8	64.8	64.8	64.9
IV 4500	35.1	49.8	53.2	57.0	59.5	61.1	62.7	64.1	64.7	65.3	65.4	65.5	65.7	65.7	65.7	65.8
IV 4000	35.7	51.1	54.7	58.6	61.2	62.8	64.5	65.8	66.4	67.0	67.1	67.2	67.4	67.4	67.4	67.5
IV 3500	36.5	53.4	57.2	61.1	63.9	65.5	67.3	68.6	69.3	69.9	70.0	70.1	70.3	70.3	70.3	70.4
IV 3000	37.2	55.8	59.9	64.0	67.1	68.8	70.6	72.0	72.6	73.3	73.4	73.4	73.7	73.7	73.7	73.8
IV 2500	38.0	58.1	62.5	67.1	70.5	72.1	73.9	75.5	76.1	76.7	76.8	76.9	77.1	77.1	77.1	77.2
IV 2000	38.7	61.2	66.2	71.2	75.4	77.1	78.9	81.0	81.6	82.2	82.3	82.4	82.6	82.6	82.6	82.7
IV 1800	38.9	61.9	67.1	72.4	76.7	78.6	81.0	82.8	83.4	84.1	84.2	84.3	84.5	84.5	84.5	84.6
IV 1500	39.2	63.0	68.5	74.3	78.8	80.8	83.8	85.8	86.4	87.1	87.2	87.3	87.6	87.6	87.6	87.7
IV 1200	39.4	63.8	69.8	76.1	81.2	83.5	86.8	88.9	89.5	90.4	90.5	90.6	90.9	90.9	90.9	91.0
IV 1000	39.4	64.2	70.3	76.8	82.2	84.5	88.5	90.8	91.4	92.2	92.4	92.6	92.7	92.7	92.7	92.8
IV 900	39.4	64.2	70.3	76.8	82.3	84.6	88.6	91.0	91.7	92.5	92.6	92.7	93.0	93.0	93.0	93.1
IV 800	39.4	64.3	70.4	76.9	82.5	85.0	89.2	91.6	92.4	93.3	93.5	93.6	93.9	93.9	93.9	94.1
IV 700	39.4	64.3	70.4	77.0	82.7	85.2	89.6	92.0	92.7	93.7	93.9	94.0	94.3	94.3	94.3	94.5
IV 600	39.4	64.3	70.5	77.0	82.9	85.4	89.9	92.4	93.2	94.2	94.4	94.5	94.8	94.8	94.8	95.0
IV 500	39.4	64.4	70.6	77.1	83.1	85.6	90.3	92.9	93.7	94.7	95.1	95.2	95.6	95.6	95.6	95.7
IV 400	39.4	64.4	70.6	77.1	83.1	85.8	90.5	93.3	94.1	95.1	95.6	95.7	96.1	96.1	96.2	96.3
IV 300	39.4	64.4	70.6	77.1	83.1	85.9	90.6	93.3	94.3	95.5	96.0	96.1	96.6	96.7	96.8	96.9
IV 200	39.4	64.4	70.6	77.1	83.2	85.9	90.8	93.7	94.7	96.0	96.6	97.0	97.6	97.8	98.0	98.1
IV 100	39.4	64.4	70.6	77.1	83.2	85.9	90.8	93.7	94.7	96.0	96.7	97.1	97.8	98.1	98.3	98.6
IV 0	39.4	64.4	70.6	77.1	83.2	85.9	90.8	93.8	94.7	96.0	96.8	97.2	98.0	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2775

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	33.4	41.2	43.7	46.3	48.3	49.5	51.2	52.1	52.3	53.0	53.4	53.5	53.8	53.8	54.0	54.1
≥ 20000	36.1	44.6	47.3	50.4	53.0	54.3	56.4	57.3	57.8	58.5	59.1	59.2	59.6	59.7	59.9	60.0
≥ 18000	36.6	45.2	47.9	51.0	53.6	54.9	57.0	57.9	58.4	59.2	59.8	59.9	60.3	60.4	60.6	60.7
IV 16000	37.1	45.9	48.6	51.6	54.3	55.6	57.8	58.8	59.2	60.0	60.6	60.7	61.1	61.2	61.4	61.5
IV 14000	38.0	46.8	49.5	52.7	55.4	56.7	59.0	60.1	60.5	61.3	62.0	62.1	62.5	62.6	62.8	62.9
IV 12000	38.7	47.7	50.4	53.6	56.5	57.8	60.1	61.2	61.8	62.6	63.3	63.4	63.8	63.9	64.1	64.2
IV 10000	38.8	47.8	50.6	54.0	56.8	58.1	60.5	61.7	62.2	63.1	63.8	63.9	64.3	64.4	64.6	64.7
IV 9000	38.9	48.0	50.9	54.2	57.0	58.4	60.7	61.9	62.4	63.3	64.0	64.1	64.5	64.6	64.8	64.9
IV 8000	39.0	48.2	51.0	54.4	57.2	58.6	61.0	62.2	62.7	63.6	64.3	64.4	64.8	64.9	65.1	65.2
IV 7000	39.1	48.4	51.2	54.6	57.4	58.8	61.2	62.5	63.0	63.9	64.6	64.7	65.1	65.2	65.4	65.5
IV 6000	39.4	48.9	51.8	55.2	58.0	59.4	61.9	63.2	63.7	64.6	65.3	65.4	65.8	65.9	66.1	66.2
IV 5000	39.8	49.6	52.5	55.9	58.8	60.2	62.9	64.2	64.7	65.6	66.3	66.4	66.8	66.9	67.1	67.2
IV 4500	40.3	50.2	53.4	56.8	59.8	61.1	63.8	65.1	65.6	66.6	67.3	67.4	67.8	67.9	68.1	68.2
IV 4000	41.3	51.9	55.3	59.0	62.1	63.6	66.3	67.6	68.1	69.1	69.8	69.9	70.3	70.4	70.6	70.7
IV 3500	42.3	53.8	57.4	61.2	64.6	66.1	69.0	70.3	70.9	71.8	72.5	72.6	73.0	73.1	73.3	73.4
IV 3000	43.3	55.6	59.5	63.8	67.5	69.0	72.1	73.5	74.0	75.1	75.8	76.0	76.4	76.5	76.6	76.7
IV 2500	44.3	57.5	62.0	66.7	71.0	72.6	75.8	77.4	78.0	79.1	79.8	79.9	80.3	80.4	80.6	80.7
IV 2000	44.7	59.1	64.3	69.6	74.5	76.3	79.9	81.6	82.3	83.5	84.2	84.4	84.8	84.9	85.0	85.1
IV 1800	44.9	59.5	64.9	70.4	75.3	77.4	81.1	82.8	83.5	84.7	85.5	85.6	86.0	86.1	86.3	86.4
IV 1500	45.2	60.3	66.0	71.6	77.2	79.3	83.4	85.3	86.1	87.5	88.3	88.4	88.9	89.0	89.1	89.3
IV 1200	45.3	60.7	66.6	72.6	78.3	80.4	84.9	86.9	87.8	89.4	90.2	90.3	90.8	90.9	91.1	91.2
IV 1000	45.3	60.9	66.8	72.9	78.9	81.1	85.9	88.1	89.1	90.8	91.7	91.9	92.4	92.6	92.8	92.9
IV 900	45.3	60.9	66.8	73.0	78.9	81.2	86.0	88.5	89.4	91.5	92.4	92.5	93.0	93.2	93.4	93.5
IV 800	45.3	60.9	66.8	73.0	79.1	81.4	86.2	88.8	89.9	92.2	93.2	93.4	94.0	94.2	94.4	94.6
IV 700	45.3	60.9	66.8	73.0	79.1	81.4	86.4	89.0	90.2	92.5	93.6	93.7	94.4	94.6	94.8	95.0
IV 600	45.3	60.9	66.9	73.0	79.2	81.6	86.6	89.4	90.7	93.2	94.2	94.4	95.2	95.3	95.6	95.7
IV 500	45.3	60.9	66.9	73.1	79.2	81.7	86.7	89.6	90.9	93.4	94.7	94.9	95.8	96.0	96.3	96.4
IV 400	45.3	60.9	66.9	73.1	79.3	81.7	86.8	89.7	91.0	93.6	95.0	95.2	96.1	96.4	96.8	96.9
IV 300	45.3	60.9	66.9	73.1	79.3	81.7	86.8	89.7	91.1	93.7	95.2	95.5	96.5	96.8	97.3	97.5
IV 200	45.3	60.9	66.9	73.1	79.3	81.7	86.8	89.8	91.1	93.8	95.3	95.7	96.8	97.2	97.8	98.1
IV 100	45.3	60.9	66.9	73.1	79.3	81.7	86.8	89.8	91.1	93.8	95.4	95.8	96.9	97.3	98.2	98.7
IV 0	45.3	60.9	66.9	73.1	79.3	81.7	86.8	89.8	91.1	93.8	95.4	95.8	96.9	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2774

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION NO. NORTH AN AFBI CALIF/SAH BERNARDINO STATION NAME 43-72 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	33.8	41.0	44.2	48.8	51.4	52.6	54.2	55.3	55.9	56.7	57.3	57.3	57.5	57.5	57.5	57.5
IV 18000	38.1	46.4	49.9	54.7	57.9	59.3	61.2	62.4	63.2	64.3	65.0	65.0	65.2	65.3	65.3	65.3
IV 16000	38.7	47.1	50.6	55.4	58.6	60.0	62.0	63.2	64.0	65.1	65.8	65.9	66.1	66.1	66.1	66.1
IV 14000	39.5	48.2	51.9	56.8	60.2	61.7	63.7	65.0	65.8	66.9	67.6	67.7	67.9	68.0	68.0	68.0
IV 12000	40.1	49.1	52.8	57.8	61.3	62.9	64.9	66.2	67.0	68.1	68.8	68.9	69.1	69.2	69.2	69.2
IV 10000	40.3	49.3	53.1	58.2	61.7	63.3	65.6	66.9	67.7	68.8	69.5	69.5	69.7	69.8	69.8	69.8
IV 9000	40.3	49.6	53.4	58.5	62.0	63.7	65.9	67.2	68.0	69.2	69.9	69.9	70.1	70.2	70.2	70.2
IV 8000	40.7	49.8	53.6	58.8	62.4	64.1	66.3	67.6	68.4	69.5	70.2	70.3	70.5	70.6	70.6	70.6
IV 7000	40.8	50.0	53.9	59.0	62.6	64.2	66.5	67.8	68.6	69.8	70.5	70.5	70.7	70.8	70.8	70.8
IV 6000	41.0	50.4	54.2	59.4	63.0	64.8	67.1	68.4	69.2	70.3	71.0	71.1	71.3	71.4	71.4	71.4
IV 5000	42.0	51.6	55.7	60.9	64.6	66.3	68.6	69.9	70.7	71.9	72.6	72.7	72.9	72.9	72.9	72.9
IV 4500	42.7	52.5	56.8	62.2	66.0	67.8	70.1	71.4	72.2	73.4	74.1	74.1	74.3	74.4	74.4	74.4
IV 4000	44.1	54.8	59.2	64.9	68.7	70.3	72.9	74.3	75.1	76.3	77.0	77.0	77.2	77.3	77.3	77.3
IV 3500	45.5	56.7	61.6	67.6	71.5	73.3	75.8	77.2	78.0	79.1	79.8	79.9	80.1	80.1	80.1	80.1
IV 3000	47.6	60.0	65.4	71.8	75.9	77.8	80.5	82.0	82.7	83.9	84.6	84.7	84.8	84.9	84.9	84.9
IV 2500	48.4	61.9	67.7	74.7	79.1	81.0	83.9	85.5	86.3	87.5	88.1	88.2	88.4	88.5	88.5	88.5
IV 2000	48.9	63.3	69.4	77.1	82.1	84.2	87.2	88.9	89.8	91.1	91.8	91.9	92.0	92.1	92.1	92.1
IV 1800	49.0	63.7	69.9	77.6	82.6	85.0	88.0	89.8	90.6	92.0	92.7	92.8	93.0	93.1	93.1	93.1
IV 1500	49.2	64.5	70.8	78.8	84.1	86.5	89.7	91.7	92.6	94.1	94.8	94.9	95.1	95.2	95.2	95.2
IV 1200	49.3	64.6	71.0	79.0	84.4	87.1	90.3	92.5	93.9	95.0	96.2	96.3	96.5	96.6	96.6	96.6
IV 1000	49.3	64.8	71.2	79.2	85.0	87.7	91.2	93.4	94.9	96.6	97.3	97.4	97.6	97.6	97.6	97.6
IV 900	49.3	64.8	71.2	79.4	85.1	87.8	91.3	93.6	95.2	97.1	97.8	98.0	98.2	98.2	98.2	98.2
IV 800	49.3	64.9	71.3	79.5	85.2	88.0	91.5	93.9	95.5	97.5	98.3	98.5	98.7	98.7	98.7	98.7
IV 700	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.0	95.7	97.8	98.7	98.8	99.1	99.1	99.1	99.1
IV 600	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.0	95.7	97.8	98.7	98.8	99.1	99.2	99.2	99.2
IV 500	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.0	95.7	97.8	98.8	99.0	99.2	99.4	99.4	99.4
IV 400	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.0	95.7	97.8	98.9	99.1	99.3	99.5	99.5	99.5
IV 300	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.1	95.8	97.9	99.0	99.3	99.6	99.8	99.8	99.8
IV 200	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.1	95.8	97.9	99.1	99.3	99.7	99.9	99.9	99.9
IV 100	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.1	95.8	97.9	99.1	99.3	99.7	99.9	100.0	100.0
IV 0	49.3	64.9	71.3	79.5	85.2	88.1	91.6	94.1	95.8	97.9	99.1	99.3	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2765

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 MORTON AFB CALIF/SAN BERNARDING 43-72 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥	≥0
NO CEILING	36.1	44.8	48.4	52.1	54.6	55.8	56.9	57.9	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.6
≥ 20000	41.2	51.4	55.2	59.5	62.4	63.7	65.2	66.4	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	41.6	51.8	55.6	59.9	62.7	64.1	65.6	66.8	67.4	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 16000	41.9	52.1	56.0	60.3	63.2	64.6	66.1	67.4	67.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 14000	42.6	53.2	57.1	61.4	64.4	65.7	67.3	68.6	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	43.2	54.0	57.9	62.5	65.6	67.0	68.6	69.8	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	43.5	54.6	58.7	63.3	66.5	67.9	69.5	70.8	71.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 9000	43.9	55.1	59.2	63.8	67.0	68.4	70.0	71.3	71.9	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 8000	44.1	55.3	59.5	64.0	67.3	68.6	70.3	71.5	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 7000	44.3	55.6	59.7	64.4	67.6	69.0	70.6	71.9	72.5	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 6000	44.9	56.4	60.6	65.3	68.6	70.0	71.6	72.9	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 5000	46.9	59.0	63.6	68.4	71.7	73.0	74.7	76.0	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4500	47.9	60.3	64.9	69.9	73.3	74.7	76.4	77.6	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 4000	50.5	63.8	68.5	73.8	77.3	78.7	80.4	81.8	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3500	52.4	66.6	71.6	77.0	81.0	82.5	84.3	85.7	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3000	54.1	69.5	74.8	80.5	84.6	86.2	88.1	89.5	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	55.1	71.7	77.2	83.2	87.5	89.3	91.4	92.8	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	55.7	72.9	78.7	85.1	89.7	91.4	93.6	95.1	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	55.8	73.0	78.9	85.5	90.1	91.9	94.2	95.7	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	56.0	73.5	79.3	86.2	91.0	92.8	95.3	96.9	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	56.1	73.6	79.6	86.4	91.2	93.0	95.7	97.5	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	56.1	73.6	79.6	86.5	91.4	93.2	96.0	97.5	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	56.2	73.7	79.6	86.6	91.5	93.3	96.1	97.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	56.2	73.7	79.6	86.6	91.6	93.4	96.1	97.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2770



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTH AFB CALIF/SAN BERNARDINE  
STATION NAME

43-72  
YEAR

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
TIME PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥4	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	32.6	41.3	44.8	43.8	52.5	54.1	53.8	57.0	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	37.8	48.3	52.6	57.0	61.3	63.2	65.2	66.9	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	38.1	48.6	52.9	57.3	61.6	63.5	65.5	67.2	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.5
≥ 16000	38.3	49.2	53.5	58.0	62.4	64.3	66.3	68.0	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	39.5	50.5	55.0	59.5	64.0	65.9	68.0	69.7	70.3	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	40.2	51.6	56.1	60.6	65.1	66.9	69.0	70.8	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	40.6	52.0	56.5	61.1	65.7	67.6	69.7	71.5	72.1	72.6	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	41.0	52.4	56.9	61.5	66.1	68.0	70.1	71.9	72.5	73.0	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	41.3	52.8	57.3	61.9	66.5	68.4	70.6	72.4	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	41.5	53.1	57.7	62.2	66.9	68.8	70.9	72.9	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	42.3	54.4	59.1	63.9	68.7	70.6	72.7	74.6	75.2	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 5000	43.8	56.7	61.6	66.6	71.3	73.2	75.4	77.3	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	44.8	58.1	63.2	68.4	73.3	75.2	77.3	79.2	79.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	46.7	61.1	66.4	71.8	76.8	78.6	81.0	82.9	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.3
≥ 3500	48.3	64.1	69.7	75.2	80.4	82.5	84.8	86.7	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.1
≥ 3000	49.5	66.5	72.7	78.4	84.0	86.2	88.4	90.3	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	50.3	68.1	74.4	80.7	86.6	88.9	91.3	93.5	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.9
≥ 2000	50.6	69.2	75.8	82.3	88.0	91.1	93.7	95.8	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1800	50.7	69.4	76.0	82.6	88.9	91.4	94.1	96.2	96.8	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	50.8	69.7	76.3	83.0	89.4	92.1	94.8	97.0	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1200	50.9	69.8	76.6	83.3	89.8	92.5	95.4	97.6	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	50.9	69.9	76.6	83.4	90.0	92.7	95.9	98.1	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	50.9	69.9	76.6	83.4	90.0	92.7	95.9	98.1	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	50.9	70.0	76.7	83.5	90.1	92.8	95.9	98.3	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2756

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTON AFB CALIF/SAN BERNARDINO

43-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.T.C.

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	24.4	36.2	41.2	47.1	52.3	54.4	56.9	58.4	59.3	60.4	60.6	60.6	60.8	60.8	60.8	60.8	60.9
≥ 20000	26.3	39.4	44.6	51.1	57.2	59.7	62.8	64.4	65.5	66.7	67.0	67.0	67.2	67.2	67.2	67.2	67.3
IV 18000	26.4	39.4	44.7	51.2	57.4	59.9	63.0	64.6	65.6	66.8	67.1	67.1	67.3	67.3	67.3	67.3	67.4
IV 16000	26.7	40.0	45.3	52.0	58.2	60.7	63.8	65.4	66.5	67.7	68.0	68.0	68.2	68.2	68.2	68.2	68.3
IV 14000	27.7	41.4	46.8	53.5	59.7	62.2	65.3	67.0	68.0	69.3	69.6	69.6	69.8	69.8	69.8	69.8	69.9
IV 12000	28.4	42.2	47.6	54.5	60.7	63.2	66.4	68.0	69.0	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.9
IV 10000	28.5	42.4	47.8	54.9	61.2	63.7	66.8	68.4	69.5	70.8	71.1	71.1	71.3	71.3	71.3	71.3	71.4
IV 9000	28.7	42.8	48.2	55.3	61.6	64.1	67.2	68.8	69.9	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.8
IV 8000	29.0	43.1	48.6	55.7	62.0	64.5	67.6	69.3	70.4	71.7	72.0	72.0	72.2	72.2	72.2	72.2	72.2
IV 7000	29.2	43.3	48.9	55.9	62.3	64.8	67.9	69.7	70.8	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6
IV 6000	29.6	44.2	49.8	56.8	63.2	65.8	69.0	70.8	71.8	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7
IV 5000	30.4	46.0	52.0	59.2	65.6	68.2	71.4	73.1	74.2	75.5	75.9	75.9	76.0	76.0	76.0	76.0	76.1
IV 4500	31.3	47.7	53.7	61.1	67.5	70.3	73.4	75.2	76.3	77.6	77.9	77.9	78.1	78.1	78.1	78.1	78.2
IV 4000	32.6	49.9	56.2	63.7	70.2	72.9	76.1	77.9	79.0	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.9
IV 3500	33.5	52.2	58.7	66.4	72.9	75.7	78.9	80.8	81.9	83.2	83.5	83.5	83.7	83.7	83.7	83.7	83.7
IV 3000	34.2	54.3	61.4	69.4	76.0	78.9	82.2	84.1	85.1	86.4	86.8	86.8	87.0	87.0	87.0	87.0	87.0
IV 2500	34.9	56.0	64.2	72.5	79.3	82.3	85.7	87.6	88.7	90.0	90.3	90.3	90.5	90.5	90.5	90.5	90.6
IV 2000	35.8	59.1	67.1	76.1	83.4	86.5	90.1	92.2	93.3	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.2
IV 1800	35.8	59.5	67.7	76.8	84.2	87.4	91.1	93.2	94.3	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.2
IV 1500	36.0	60.2	68.4	77.8	85.3	88.5	92.3	94.4	95.6	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.5
IV 1200	36.1	60.6	68.9	78.4	86.1	89.3	93.2	95.4	96.5	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.5
IV 1000	36.1	60.7	69.0	78.6	86.4	89.6	93.6	95.9	97.0	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1
IV 900	36.1	60.7	69.0	78.7	86.5	89.8	93.7	96.1	97.2	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.4
IV 800	36.2	60.8	69.1	78.7	86.6	89.9	93.9	96.2	97.3	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.6
IV 700	36.2	60.8	69.1	78.7	86.6	90.0	93.9	96.3	97.5	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 600	36.2	60.8	69.1	78.7	86.6	90.0	93.9	96.3	97.5	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9
IV 500	36.2	60.8	69.1	78.7	86.6	90.0	94.0	96.4	97.5	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0
IV 400	36.2	60.8	69.1	78.7	86.6	90.0	94.0	96.4	97.5	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0
IV 300	36.2	60.8	69.1	78.7	86.6	90.0	94.0	96.4	97.5	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0
IV 200	36.2	60.8	69.1	78.7	86.6	90.0	94.0	96.4	97.5	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0
IV 100	36.2	60.8	69.1	78.7	86.6	90.0	94.0	96.4	97.5	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0
IV 0	36.2	60.8	69.1	78.7	86.6	90.0	94.0	96.5	97.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2767

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

3-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	26.3	39.3	43.0	48.9	53.3	54.7	56.4	57.7	58.2	59.2	59.4	59.4	59.6	59.6	59.6	
≥ 20000	27.4	41.6	45.6	51.9	57.2	58.9	61.1	62.7	63.2	64.5	64.7	64.7	64.9	64.9	65.0	
IV 18000	27.4	41.7	45.6	52.0	57.2	59.0	61.2	62.8	63.3	64.6	64.8	64.8	65.0	65.0	65.1	
IV 16000	27.7	42.2	46.1	52.6	57.9	59.6	61.8	63.5	64.0	65.2	65.4	65.4	65.6	65.6	65.7	
IV 14000	28.1	42.8	46.7	53.2	58.4	60.2	62.4	64.0	64.6	65.9	66.0	66.0	66.2	66.3	66.3	
IV 12000	28.3	43.2	47.2	53.8	59.2	60.9	63.2	64.8	65.4	66.7	66.8	66.8	67.0	67.1	67.1	
IV 10000	28.4	43.3	47.4	54.0	59.4	61.1	63.4	65.0	65.6	66.9	67.1	67.1	67.3	67.3	67.4	
IV 9000	28.7	43.7	47.8	54.4	59.8	61.5	63.8	65.5	66.0	67.3	67.5	67.5	67.7	67.7	67.8	
IV 8000	28.9	44.0	48.1	54.8	60.2	62.0	64.3	66.0	66.5	67.8	68.0	68.0	68.2	68.2	68.3	
IV 7000	29.0	44.1	48.2	54.9	60.4	62.2	64.5	66.2	66.7	68.0	68.2	68.2	68.4	68.4	68.5	
IV 6000	29.3	44.8	49.0	55.7	61.2	63.0	65.3	67.0	67.5	68.8	69.0	69.0	69.2	69.2	69.3	
IV 5000	30.2	46.4	50.8	57.5	63.0	64.8	67.1	68.9	69.4	70.7	70.9	70.9	71.0	71.1	71.1	
IV 4500	30.8	47.9	52.4	59.2	64.7	66.4	68.8	70.5	71.0	72.3	72.5	72.5	72.7	72.7	72.8	
IV 4000	31.7	49.7	54.4	61.2	66.8	68.6	70.9	72.6	73.1	74.4	74.6	74.6	74.8	74.8	74.9	
IV 3500	32.4	51.6	56.6	63.6	69.2	71.0	73.3	75.0	75.5	76.8	77.0	77.0	77.2	77.2	77.3	
IV 3000	33.0	54.0	59.3	66.4	72.1	73.9	76.2	77.9	78.4	79.7	79.9	79.9	80.1	80.1	80.2	
IV 2500	33.8	57.4	63.0	70.5	76.4	78.2	80.5	82.2	82.8	84.1	84.2	84.2	84.4	84.5	84.5	
IV 2000	34.6	60.1	66.5	74.6	80.5	82.9	85.5	87.4	87.9	89.2	89.4	89.4	89.6	89.6	89.7	
IV 1800	34.7	61.1	67.6	76.1	82.4	84.4	87.1	89.0	89.5	90.8	91.0	91.0	91.2	91.2	91.3	
IV 1500	34.8	62.1	69.1	77.8	84.7	86.9	89.8	92.0	92.5	93.8	94.0	94.0	94.1	94.2	94.3	
IV 1200	35.0	62.7	69.9	79.1	86.1	88.3	91.0	94.1	94.6	96.0	96.2	96.2	96.4	96.4	96.5	
IV 1000	35.0	63.1	70.5	79.8	87.0	89.2	92.8	95.6	96.1	97.6	97.8	97.8	98.0	98.1	98.2	
IV 900	35.1	63.1	70.6	79.9	87.2	89.3	93.2	95.9	96.5	97.9	98.1	98.1	98.4	98.4	98.5	
IV 800	35.1	63.2	70.6	80.0	87.2	89.4	93.2	96.1	96.7	98.2	98.4	98.4	98.7	98.8	98.9	
IV 700	35.1	63.2	70.7	80.1	87.3	89.4	93.4	96.4	97.0	98.5	98.7	98.7	99.0	99.0	99.1	
IV 600	35.1	63.2	70.7	80.1	87.3	89.5	93.6	96.6	97.2	98.7	99.0	99.0	99.3	99.3	99.4	
IV 500	35.1	63.2	70.7	80.2	87.4	89.6	93.6	96.7	97.3	98.8	99.2	99.2	99.5	99.5	99.6	
IV 400	35.1	63.2	70.7	80.2	87.4	89.6	93.6	96.7	97.3	98.9	99.3	99.3	99.6	99.7	99.8	
IV 300	35.1	63.2	70.7	80.2	87.4	89.6	93.7	96.7	97.3	99.0	99.3	99.3	99.7	99.7	99.8	
IV 200	35.1	63.2	70.7	80.2	87.4	89.6	93.7	96.7	97.3	99.0	99.4	99.4	99.8	99.8	99.9	
IV 100	35.1	63.2	70.7	80.2	87.4	89.6	93.7	96.7	97.3	99.0	99.4	99.4	99.8	99.8	100.0	
IV 0	35.1	63.2	70.7	80.2	87.4	89.6	93.7	96.7	97.3	99.0	99.4	99.4	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 2748

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-71  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	23.4	36.1	40.8	45.5	50.0	51.2	53.6	55.1	55.5	56.1	56.3	56.3	56.7	56.7	56.7	56.8
≥ 20000	23.9	37.6	42.4	47.2	52.0	53.4	56.0	57.5	57.9	58.6	58.8	58.8	59.2	59.2	59.2	59.3
IV 18000	23.9	37.6	42.4	47.3	52.1	53.4	56.1	57.6	58.0	58.6	58.8	58.8	59.3	59.3	59.3	59.3
IV 16000	24.0	37.7	42.6	47.5	52.2	53.7	56.3	57.9	58.3	58.9	59.1	59.1	59.5	59.5	59.6	59.6
IV 14000	24.0	37.9	42.7	47.6	52.4	53.8	56.5	58.0	58.4	59.1	59.3	59.3	59.7	59.7	59.7	59.8
IV 12000	24.2	38.0	42.9	47.8	52.7	54.1	56.7	58.3	58.6	59.3	59.5	59.5	59.9	59.9	59.9	60.0
IV 10000	24.3	38.3	43.2	48.2	53.1	54.4	57.1	58.6	59.0	59.7	59.9	59.9	60.3	60.3	60.3	60.4
IV 9000	24.3	38.3	43.2	48.2	53.1	54.5	57.1	58.7	59.1	59.7	59.9	59.9	60.3	60.3	60.4	60.4
IV 8000	24.4	38.4	43.3	48.4	53.3	54.6	57.3	58.8	59.2	59.9	60.1	60.1	60.5	60.5	60.5	60.6
IV 7000	24.5	38.6	43.5	48.5	53.4	54.8	57.4	59.0	59.4	60.0	60.2	60.2	60.6	60.6	60.7	60.7
IV 6000	24.7	38.8	43.7	48.7	53.6	55.0	57.7	59.2	59.6	60.3	60.4	60.4	60.9	60.9	60.9	60.9
IV 5000	25.7	40.3	45.3	50.3	55.2	56.6	59.3	60.8	61.2	61.8	62.0	62.0	62.4	62.4	62.5	62.5
IV 4500	25.9	41.3	46.4	51.4	56.4	57.8	60.4	61.9	62.3	63.0	63.2	63.2	63.6	63.6	63.6	63.7
IV 4000	27.1	43.2	48.6	53.7	58.7	60.1	62.8	64.3	64.7	65.3	65.5	65.5	65.9	65.9	66.0	66.0
IV 3500	28.2	45.1	50.6	55.8	60.8	62.2	64.9	66.4	66.8	67.5	67.7	67.7	68.1	68.1	68.1	68.2
IV 3000	29.0	47.1	52.7	57.9	63.1	64.4	67.2	68.8	69.2	69.8	70.0	70.0	70.4	70.4	70.5	70.5
IV 2500	29.8	49.3	55.2	60.8	66.1	67.4	70.3	71.9	72.3	73.0	73.1	73.1	73.6	73.6	73.6	73.6
IV 2000	30.8	52.5	59.0	65.1	71.0	72.5	75.5	77.1	77.5	78.2	78.4	78.4	78.8	78.8	78.8	78.9
IV 1800	31.1	54.1	60.8	67.2	73.3	74.9	78.1	79.6	80.1	80.8	81.0	81.0	81.4	81.4	81.4	81.5
IV 1500	31.4	55.4	62.5	69.7	76.3	78.0	81.4	83.1	83.6	84.4	84.6	84.6	85.0	85.0	85.1	85.1
IV 1200	31.6	56.1	63.8	71.6	79.4	81.3	84.8	86.8	87.3	88.2	88.4	88.4	88.8	88.8	88.9	88.9
IV 1000	31.7	56.8	64.8	73.0	81.3	83.5	87.8	90.0	90.5	91.5	91.8	91.8	92.2	92.2	92.2	92.3
IV 900	31.7	56.9	64.9	73.2	81.6	83.8	88.2	90.4	91.0	92.1	92.3	92.3	92.7	92.7	92.8	92.8
IV 800	31.8	57.1	65.1	73.5	82.0	84.3	88.8	91.2	91.7	93.2	93.5	93.5	93.9	93.9	93.9	94.0
IV 700	31.8	57.1	65.1	73.6	82.3	84.6	89.2	91.6	92.2	93.8	94.1	94.1	94.5	94.5	94.5	94.6
IV 600	31.8	57.1	65.1	73.7	82.3	84.8	89.6	92.2	92.9	94.5	94.9	94.9	95.3	95.3	95.3	95.4
IV 500	31.8	57.1	65.2	73.8	82.4	84.9	89.7	92.4	93.3	95.2	95.8	95.8	96.3	96.3	96.3	96.4
IV 400	31.8	57.1	65.2	73.8	82.5	84.9	90.0	92.7	93.7	95.7	96.3	96.3	96.8	96.8	96.9	96.9
IV 300	31.8	57.1	65.2	73.8	82.5	84.9	90.0	92.7	93.7	95.7	96.6	96.6	97.2	97.2	97.3	97.3
IV 200	31.8	57.1	65.2	73.8	82.5	85.0	90.1	92.9	93.9	96.2	97.1	97.1	97.7	97.7	97.8	97.9
IV 100	31.8	57.1	65.2	73.8	82.5	85.0	90.1	92.9	93.9	96.2	97.2	97.2	97.8	97.8	98.1	98.2
IV 0	31.8	57.1	65.2	73.8	82.5	85.0	90.2	93.0	94.0	96.4	97.5	97.5	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2599

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-71  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	25.9	36.3	39.0	42.9	46.5	47.4	49.3	50.5	50.8	51.4	51.6	51.6	51.7	51.7	51.7	51.7
IV 20000	26.3	37.7	40.5	44.7	48.5	49.5	51.5	52.7	53.0	53.6	53.8	53.8	53.8	53.8	53.9	53.9
IV 18000	26.4	37.9	40.6	44.8	48.7	49.6	51.6	52.8	53.2	53.7	53.9	54.0	54.0	54.0	54.0	54.1
IV 16000	26.4	37.9	40.7	44.9	48.8	49.7	51.7	53.0	53.3	53.8	54.0	54.1	54.1	54.1	54.2	54.2
IV 14000	26.4	38.0	40.9	45.1	49.0	49.9	51.9	53.2	53.5	54.1	54.3	54.3	54.4	54.4	54.4	54.5
IV 12000	26.6	38.2	41.0	45.3	49.3	50.2	52.2	53.5	53.8	54.4	54.6	54.7	54.7	54.7	54.7	54.8
IV 10000	26.6	38.5	41.3	45.6	49.5	50.5	52.5	53.8	54.1	54.7	54.9	54.9	55.0	55.0	55.0	55.0
IV 9000	26.6	38.5	41.3	45.7	49.6	50.5	52.6	53.8	54.2	54.7	55.0	55.0	55.0	55.0	55.1	55.1
IV 8000	26.7	38.6	41.4	45.8	49.8	50.8	52.9	54.2	54.5	55.0	55.3	55.3	55.3	55.3	55.4	55.4
IV 7000	26.9	38.8	41.6	46.1	50.1	51.1	53.1	54.4	54.7	55.3	55.5	55.5	55.6	55.6	55.6	55.6
IV 6000	27.4	39.5	42.4	46.9	50.9	51.9	53.9	55.2	55.5	56.1	56.3	56.3	56.4	56.4	56.4	56.5
IV 5000	28.5	41.0	43.9	48.5	52.5	53.5	55.6	56.8	57.1	57.7	58.0	58.0	58.0	58.0	58.1	58.1
IV 4500	28.8	41.8	44.8	49.5	53.5	54.5	56.5	57.8	58.1	58.6	58.9	58.9	59.0	59.0	59.0	59.0
IV 4000	29.9	43.7	46.9	51.6	55.7	56.7	58.8	60.0	60.3	60.9	61.1	61.2	61.2	61.2	61.3	61.3
IV 3500	30.7	45.4	48.8	53.5	57.6	58.6	60.7	62.0	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.3
IV 3000	31.0	47.4	51.0	55.8	60.1	61.1	63.3	64.6	64.9	65.4	65.7	65.7	65.8	65.8	65.8	65.8
IV 2500	32.6	50.2	53.9	59.0	63.7	64.7	66.9	68.3	68.6	69.1	69.4	69.4	69.4	69.4	69.5	69.5
IV 2000	33.4	53.6	57.8	63.7	69.0	70.1	72.7	74.1	74.4	75.0	75.2	75.3	75.3	75.3	75.4	75.4
IV 1800	33.7	55.0	59.4	65.5	71.1	72.2	75.0	76.4	76.8	77.4	77.7	77.7	77.7	77.7	77.8	77.8
IV 1500	33.9	56.6	61.3	67.9	74.1	75.3	78.5	80.2	80.6	81.2	81.5	81.6	81.6	81.6	81.6	81.7
IV 1200	34.1	57.2	62.5	69.4	76.4	77.9	81.6	83.4	83.8	84.6	85.0	85.1	85.1	85.1	85.2	85.2
IV 1000	34.1	57.4	62.9	70.0	77.9	79.6	83.8	85.9	86.2	87.5	88.0	88.0	88.1	88.1	88.1	88.2
IV 900	34.1	57.5	63.0	70.2	78.4	80.1	84.4	86.5	86.9	88.2	88.8	88.8	88.9	88.9	88.9	89.0
IV 800	34.1	57.6	63.2	70.6	78.9	80.6	85.1	87.2	87.7	89.3	89.9	89.9	90.0	90.0	90.0	90.1
IV 700	34.1	57.6	63.3	70.8	79.2	81.0	85.6	87.9	88.4	90.2	91.0	91.0	91.1	91.1	91.1	91.2
IV 600	34.1	57.6	63.3	70.8	79.3	81.2	85.8	88.4	88.9	90.9	91.7	91.7	91.9	91.9	91.9	91.9
IV 500	34.1	57.6	63.3	70.8	79.6	81.4	86.3	89.0	89.6	91.9	92.9	93.0	93.3	93.3	93.4	93.4
IV 400	34.1	57.6	63.3	70.8	79.6	81.4	86.4	89.2	89.8	92.3	93.4	93.5	93.9	93.9	93.9	94.0
IV 300	34.1	57.6	63.3	70.8	79.6	81.4	86.4	89.3	89.9	92.6	94.2	94.2	94.8	94.9	95.0	95.1
IV 200	34.1	57.6	63.3	70.8	79.6	81.4	86.4	89.4	90.0	92.9	94.6	94.7	95.3	95.5	95.7	96.0
IV 100	34.1	57.6	63.3	70.8	79.6	81.4	86.4	89.5	90.0	92.9	94.7	94.8	95.5	95.8	96.0	96.5
IV 0	34.1	57.6	63.3	70.8	79.6	81.4	86.4	89.5	90.0	93.1	95.0	95.0	95.9	96.2	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS... 2602

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION NORTON AFB CALIF/SAN BERNARDINO 43-71 YEAR

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5 16	≥4	≥0
NO CEILING	27.4	34.3	37.3	40.0	44.4	45.9	47.0	49.1	49.6	50.2	50.4	50.4	50.6	50.6	50.6	50.7
IV 20000	29.0	36.5	40.0	43.9	47.8	49.6	51.0	53.1	53.7	54.3	54.6	54.7	54.9	54.9	55.0	55.0
IV 18000	29.2	36.8	40.4	44.3	48.3	50.0	52.2	53.6	54.1	54.7	55.1	55.1	55.4	55.4	55.4	55.5
IV 16000	29.3	37.0	40.7	44.6	48.6	50.3	52.6	53.9	54.5	55.1	55.4	55.5	55.7	55.7	55.8	55.9
IV 14000	29.5	37.5	41.3	45.3	49.3	51.1	53.4	54.7	55.3	55.9	56.4	56.4	56.6	56.7	56.7	56.7
IV 12000	29.8	37.9	41.7	45.8	49.7	51.6	53.9	55.3	55.9	56.6	57.0	57.0	57.3	57.3	57.4	57.4
IV 10000	30.2	38.5	42.4	46.6	50.5	52.5	54.8	56.2	56.8	57.4	57.9	57.9	58.1	58.2	58.2	58.2
IV 9000	30.2	38.6	42.5	46.6	50.6	52.5	54.8	56.2	56.8	57.4	57.9	57.9	58.2	58.2	58.2	58.3
IV 8000	30.3	38.7	42.6	46.7	50.7	52.7	55.0	56.4	57.0	57.6	58.0	58.1	58.3	58.4	58.4	58.4
IV 7000	30.5	38.9	42.8	47.0	51.1	53.0	55.3	56.7	57.3	57.9	58.4	58.4	58.7	58.7	58.7	58.8
IV 6000	30.9	39.4	43.3	47.5	51.6	53.6	55.9	57.4	58.0	58.6	59.0	59.1	59.3	59.4	59.4	59.4
IV 5000	31.7	40.7	44.7	48.9	53.1	55.1	57.4	58.8	59.4	60.0	60.5	60.5	60.8	60.8	60.9	60.9
IV 4500	32.0	41.5	45.5	49.8	53.9	56.0	58.3	59.8	60.4	61.0	61.5	61.5	61.7	61.8	61.8	61.9
IV 4000	32.7	43.1	47.5	51.8	56.1	58.2	60.5	62.0	62.6	63.2	63.7	63.7	64.0	64.0	64.0	64.1
IV 3500	33.8	44.7	49.1	53.8	58.4	60.4	62.9	64.4	65.0	65.7	66.2	66.2	66.4	66.5	66.5	66.5
IV 3000	34.6	46.1	51.1	55.9	60.7	62.9	65.4	67.0	67.7	68.3	68.8	68.8	69.1	69.1	69.2	69.2
IV 2500	35.7	48.4	53.8	59.0	64.6	66.8	69.7	71.4	72.0	72.7	73.2	73.2	73.5	73.5	73.5	73.6
IV 2000	36.5	51.1	57.2	63.0	69.3	71.7	75.1	77.1	77.8	78.6	79.1	79.1	79.4	79.4	79.4	79.5
IV 1800	36.7	51.6	57.8	63.7	70.1	72.6	76.1	78.3	79.1	79.9	80.4	80.4	80.6	80.7	80.7	80.8
IV 1500	36.9	52.1	58.5	64.7	71.5	74.1	78.1	80.6	81.4	82.4	83.0	83.0	83.3	83.3	83.4	83.4
IV 1200	36.9	52.6	59.2	65.8	73.3	76.5	80.9	83.9	84.9	86.0	86.6	86.7	86.9	87.0	87.0	87.1
IV 1000	36.9	52.7	59.4	66.2	74.0	77.3	82.1	85.5	86.6	88.3	89.1	89.2	89.5	89.6	89.6	89.6
IV 900	36.9	52.7	59.5	66.4	74.4	77.8	82.9	86.7	88.2	90.2	91.4	91.5	92.0	92.1	92.1	92.2
IV 800	36.9	52.7	59.5	66.4	74.4	77.8	82.9	86.7	88.2	90.2	91.4	91.5	92.0	92.1	92.1	92.2
IV 700	36.9	52.7	59.5	66.4	74.4	77.9	83.0	87.0	88.7	91.0	92.4	92.5	93.0	93.0	93.1	93.1
IV 600	36.9	52.7	59.5	66.5	74.5	77.9	83.1	87.3	89.1	91.6	93.1	93.2	93.8	93.9	93.9	93.9
IV 500	36.9	52.7	59.5	66.5	74.5	77.9	83.2	87.7	89.6	92.4	94.0	94.3	95.1	95.2	95.2	95.2
IV 400	36.9	52.7	59.5	66.5	74.5	77.9	83.2	87.7	89.6	92.5	94.4	94.6	95.6	95.7	95.7	95.7
IV 300	36.9	52.7	59.5	66.5	74.5	77.9	83.2	87.8	89.7	92.7	94.6	94.9	96.2	96.3	96.6	96.8
IV 200	36.9	52.7	59.5	66.5	74.5	77.9	83.2	87.8	89.7	92.9	94.9	95.1	96.5	96.7	97.1	97.6
IV 100	36.9	52.7	59.5	66.5	74.5	77.9	83.2	87.8	89.7	92.9	94.9	95.2	96.7	97.0	97.4	98.2
IV 0	36.9	52.7	59.5	66.5	74.5	77.9	83.2	87.8	89.7	93.0	95.1	95.4	96.9	97.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2603

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 23122 NORTON AFB CALIF/SAN BERNARDINO STATION NAME: 43-71 YEARS: \_\_\_\_\_ MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	27.7	37.1	40.8	45.5	49.4	51.2	53.7	56.2	56.6	57.7	58.1	58.3	58.4	58.4	58.4	58.4
≥ 20000	29.4	39.8	43.6	48.7	53.0	55.1	58.0	60.6	61.0	62.4	62.9	63.2	63.2	63.2	63.2	63.2
IV 18000	29.5	39.9	43.8	48.8	53.2	55.3	58.2	60.8	61.2	62.6	63.1	63.4	63.4	63.4	63.4	63.4
IV 16000	29.5	40.0	43.8	48.9	53.2	55.4	58.3	61.0	61.4	62.7	63.3	63.5	63.6	63.6	63.6	63.6
IV 14000	29.9	40.7	44.7	49.8	54.2	56.4	59.4	62.0	62.5	63.8	64.4	64.6	64.7	64.7	64.7	64.7
IV 12000	30.2	41.2	45.2	50.3	54.6	56.9	59.9	62.5	63.0	64.4	65.0	65.2	65.3	65.3	65.3	65.3
IV 10000	30.4	41.4	45.5	50.6	55.0	57.2	60.3	63.0	63.4	64.8	65.4	65.6	65.7	65.7	65.7	65.7
IV 9000	30.4	41.5	45.6	50.7	55.0	57.3	60.4	63.0	63.5	64.9	65.5	65.7	65.8	65.8	65.8	65.8
IV 8000	30.6	41.6	45.8	50.8	55.2	57.4	60.5	63.2	63.6	65.1	65.6	65.9	66.0	66.0	66.0	66.0
IV 7000	30.8	41.9	46.0	51.1	55.5	57.7	60.8	63.5	63.9	65.3	65.9	66.1	66.2	66.2	66.2	66.2
IV 6000	31.0	42.1	46.2	51.3	55.7	57.9	61.0	63.7	64.2	65.6	66.2	66.4	66.5	66.5	66.5	66.5
IV 5000	32.2	43.7	47.9	53.0	57.4	59.6	62.7	65.4	65.9	67.3	67.9	68.1	68.2	68.2	68.2	68.2
IV 4500	32.9	44.7	48.9	54.0	58.4	60.6	63.7	66.4	66.9	68.3	68.9	69.1	69.2	69.2	69.2	69.2
IV 4000	34.5	47.4	51.6	56.9	61.3	63.6	66.8	69.5	70.0	71.4	72.0	72.2	72.3	72.3	72.3	72.3
IV 3500	36.4	50.3	54.8	60.3	64.8	67.2	70.4	73.1	73.6	75.0	75.6	75.8	75.9	75.9	75.9	75.9
IV 3000	38.6	53.4	58.4	64.4	69.2	71.6	75.0	77.8	78.2	79.6	80.2	80.4	80.6	80.6	80.6	80.6
IV 2500	40.0	56.2	61.8	68.5	74.0	76.6	80.3	83.3	83.8	85.2	85.8	86.0	86.1	86.1	86.1	86.1
IV 2000	40.5	57.5	63.6	71.1	77.4	80.1	84.2	87.4	87.9	89.4	90.0	90.2	90.3	90.3	90.3	90.3
IV 1800	40.6	57.9	64.1	71.9	78.4	81.3	85.5	88.8	89.3	90.8	91.3	91.6	91.7	91.7	91.7	91.7
IV 1500	40.7	58.2	64.5	72.5	79.3	82.6	87.4	90.9	91.4	93.0	93.6	93.8	94.0	94.0	94.0	94.0
IV 1200	40.8	58.5	64.8	73.0	80.2	83.6	88.0	92.3	93.1	94.9	95.5	95.7	95.8	95.8	95.8	95.8
IV 1000	40.8	58.5	65.0	73.4	80.9	84.5	90.0	93.9	94.8	96.8	97.5	97.7	97.8	97.8	97.8	97.8
IV 900	40.8	58.5	65.0	73.4	81.0	84.6	90.1	94.1	95.2	97.1	97.8	98.0	98.1	98.1	98.1	98.1
IV 800	40.8	58.5	65.0	73.4	81.0	84.6	90.1	94.3	95.3	97.5	98.3	98.7	98.8	98.8	98.8	98.8
IV 700	40.8	58.5	65.0	73.4	81.0	84.6	90.1	94.3	95.4	97.5	98.5	98.9	99.0	99.0	99.0	99.0
IV 600	40.8	58.5	65.0	73.4	81.0	84.6	90.1	94.4	95.5	97.6	98.7	99.0	99.2	99.2	99.2	99.2
IV 500	40.8	58.5	65.0	73.4	81.0	84.6	90.1	94.5	95.5	97.8	98.8	99.2	99.5	99.5	99.5	99.5
IV 400	40.8	58.5	65.0	73.4	81.0	84.6	90.3	94.6	95.7	98.0	99.0	99.4	99.7	99.7	99.8	99.8
IV 300	40.8	58.5	65.0	73.4	81.0	84.6	90.3	94.6	95.7	98.0	99.1	99.5	99.8	99.8	99.9	99.9
IV 200	40.8	58.5	65.0	73.4	81.0	84.6	90.3	94.6	95.7	98.0	99.1	99.5	99.8	99.9	100.0	100.0
IV 100	40.8	58.5	65.0	73.4	81.0	84.6	90.3	94.6	95.7	98.0	99.1	99.5	99.8	99.9	100.0	100.0
IV 0	40.8	58.5	65.0	73.4	81.0	84.6	90.3	94.6	95.7	98.0	99.1	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2598

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-71  
YEARS

ADP  
FORM

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS EST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING ≥ 20000	31.7	42.1	46.2	51.4	55.9	57.9	59.5	61.1	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 18000 16000	35.1	47.3	51.7	57.6	62.8	65.3	67.0	68.8	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 14000 12000	35.6	48.2	52.6	58.6	63.9	66.3	68.0	69.8	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000 9000	36.3	49.1	53.6	59.6	64.9	67.3	69.0	70.9	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 8000 7000	36.7	49.4	53.9	60.0	65.3	67.7	69.4	71.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 6000 5000	37.4	50.6	55.1	61.3	66.6	69.0	70.7	72.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 4500 4000	40.9	55.2	59.9	66.3	71.6	74.1	75.8	77.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500 3000	45.1	62.2	67.3	74.1	79.8	82.3	84.1	86.0	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500 2000	46.9	66.3	72.3	80.1	86.5	89.4	91.3	93.2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.3
IV 1800 1500	47.3	67.4	73.9	82.3	89.3	92.5	94.5	96.5	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.7
IV 1200 1000	47.4	67.6	74.2	82.7	90.3	93.5	95.9	98.0	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 900 800	47.4	67.6	74.3	82.8	90.5	93.8	96.2	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700 600	47.4	67.6	74.3	82.8	90.6	93.9	96.3	98.5	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 500 400	47.4	67.6	74.3	82.8	90.6	93.9	96.3	98.5	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300 200	47.4	67.6	74.3	82.8	90.6	93.9	96.3	98.5	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100 0	47.4	67.6	74.3	82.8	90.6	93.9	96.3	98.5	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2599



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTON AFB CALIF/SAN BERNARDINO

43-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING ≥ 20000	24.9 27.5	41.3 45.4	47.6 52.3	54.1 59.8	58.9 65.0	61.2 67.6	62.8 69.3	63.8 70.4	64.1 70.8	64.3 71.0	64.3 71.0	64.3 71.0	64.3 71.0	64.3 71.0	64.3 71.0	64.3 71.0
≥ 18000 IV 16000	27.7 28.0	45.7 46.1	52.7 53.1	60.2 60.6	65.5 65.9	68.1 68.6	69.8 70.3	70.9 71.4	71.3 71.8	71.5 72.0	71.5 72.0	71.5 72.0	71.5 72.0	71.5 72.0	71.5 72.0	71.5 72.0
≥ 14000 IV 12000	28.2 28.8	46.4 47.0	53.5 54.1	61.2 61.9	66.4 67.2	69.1 69.9	70.9 71.7	72.0 72.9	72.4 73.2	72.7 73.5	72.7 73.5	72.7 73.5	72.7 73.5	72.7 73.5	72.7 73.5	72.7 73.5
≥ 10000 IV 9000	29.1 29.9	47.8 48.9	54.8 56.0	62.9 64.1	68.2 69.4	71.0 72.2	72.8 74.1	73.9 75.2	74.3 75.6	74.5 75.8	74.5 75.8	74.5 75.8	74.5 75.8	74.5 75.8	74.5 75.8	74.5 75.8
≥ 8000 IV 7000	29.9 30.3	48.9 49.7	56.0 56.8	64.1 64.9	69.4 70.3	72.2 73.0	74.1 74.9	75.2 76.0	75.6 76.4	75.8 76.7	75.8 76.7	75.8 76.7	75.8 76.7	75.8 76.7	75.8 76.7	75.8 76.7
≥ 6000 IV 5000	32.2 33.5	52.0 54.0	59.3 61.4	67.5 69.5	72.8 74.9	75.9 77.6	77.5 79.6	78.7 80.7	79.1 81.1	79.3 81.3	79.3 81.3	79.3 81.3	79.3 81.3	79.3 81.3	79.3 81.3	79.3 81.3
≥ 4500 IV 4000	35.3 36.3	57.6 59.8	65.1 67.7	73.5 76.5	79.1 82.2	82.1 85.2	84.0 87.3	85.2 88.5	85.6 88.9	85.9 89.1	85.9 89.1	85.9 89.1	85.9 89.1	85.9 89.1	85.9 89.1	85.9 89.1
≥ 3500 IV 3000	37.1 37.5	62.1 63.4	70.6 72.0	79.9 81.7	85.9 88.3	88.9 91.5	91.1 93.7	92.3 95.0	92.7 95.4	93.0 95.6	93.0 95.6	93.0 95.6	93.0 95.6	93.0 95.6	93.0 95.6	93.0 95.6
≥ 2500 IV 2000	47.9 48.0	64.5 64.6	73.4 73.4	83.4 83.5	90.3 90.4	93.6 93.8	95.9 96.1	97.2 97.4	97.7 97.9	97.9 98.2	97.9 98.2	97.9 98.2	97.9 98.2	97.9 98.2	97.9 98.2	97.9 98.2
≥ 1800 IV 1500	38.0 38.0	64.6 64.7	73.4 73.6	83.5 83.8	90.4 90.8	93.8 94.3	96.1 96.6	97.4 98.0	97.9 98.6	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8
≥ 1700 IV 1000	38.2 38.2	64.8 64.8	73.8 73.8	84.1 84.1	91.1 91.2	94.6 94.8	97.0 97.2	98.5 98.7	99.0 99.2	99.4 99.6	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
≥ 900 IV 800	38.2 38.2	64.8 64.8	73.9 73.9	84.2 84.2	91.2 91.2	94.8 94.8	97.2 97.3	98.5 98.8	99.3 99.3	99.7 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
≥ 700 IV 600	38.2 38.2	64.8 64.8	73.9 73.9	84.2 84.2	91.3 91.3	94.9 94.9	97.3 97.3	98.8 98.9	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	99.8 99.8
≥ 500 IV 400	38.2 38.2	64.8 64.8	73.9 73.9	84.2 84.2	91.3 91.3	94.9 94.9	97.3 97.3	98.9 98.9	99.5 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 IV 200	38.2 38.2	64.8 64.8	73.9 73.9	84.2 84.2	91.3 91.3	94.9 94.9	97.3 97.3	98.9 98.9	99.5 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 IV 0	38.2 38.2	64.8 64.8	73.9 73.9	84.2 84.2	91.3 91.3	94.9 94.9	97.3 97.3	98.9 98.9	99.5 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

2597

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22112 STATION MURKIN AFB CALIF/SAN BERNARDINO 43-72

TEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	19.6	36.1	43.5	50.5	55.9	58.4	61.8	62.9	63.1	64.1	64.5	64.5	64.7	64.7	64.7	64.7
IV 20000	20.7	38.4	46.1	53.6	59.4	62.7	65.8	67.2	67.5	68.6	69.1	69.1	69.2	69.2	69.2	69.2
IV 18000	20.8	38.5	46.2	53.7	59.5	62.1	66.0	67.3	67.7	68.7	69.2	69.2	69.3	69.3	69.3	69.3
IV 16000	20.8	38.6	46.3	53.9	59.8	62.4	66.2	67.5	67.9	69.0	69.5	69.5	69.6	69.6	69.6	69.6
IV 14000	20.9	38.9	46.6	54.4	60.2	62.8	66.7	68.1	68.4	69.5	70.0	70.0	70.1	70.1	70.1	70.1
IV 12000	21.4	39.5	47.3	55.2	61.0	63.6	67.5	68.8	69.2	70.4	70.9	70.9	71.0	71.0	71.0	71.0
IV 10000	21.8	40.2	48.0	55.9	61.9	64.5	68.4	69.7	70.1	71.3	71.8	71.8	71.9	71.9	71.9	71.9
IV 9000	22.0	40.5	48.4	56.3	62.3	64.9	68.8	70.1	70.5	71.7	72.2	72.2	72.3	72.3	72.3	72.3
IV 8000	22.3	41.2	49.1	57.0	63.0	65.6	69.5	70.8	71.2	72.4	72.9	72.9	73.0	73.0	73.0	73.0
IV 7000	22.3	41.4	49.2	57.2	63.1	65.8	69.7	71.0	71.4	72.6	73.1	73.1	73.2	73.2	73.2	73.2
IV 6000	22.4	41.8	49.7	57.8	63.7	66.4	70.3	71.6	72.0	73.2	73.7	73.7	73.8	73.8	73.8	73.8
IV 5000	23.5	43.5	51.5	59.6	65.5	68.2	72.1	73.5	73.8	75.0	75.5	75.5	75.7	75.7	75.7	75.7
IV 4500	24.3	45.4	53.4	61.6	67.6	70.3	74.2	75.5	75.9	77.1	77.6	77.6	77.7	77.7	77.7	77.7
IV 4000	26.0	48.8	57.1	65.4	71.5	74.2	78.1	79.5	79.8	81.1	81.5	81.5	81.7	81.7	81.7	81.7
IV 3500	27.0	51.3	59.6	68.3	74.6	77.4	81.4	82.7	83.1	84.3	84.8	84.8	84.9	84.9	84.9	84.9
IV 3000	27.7	53.9	62.9	71.9	78.3	81.1	85.3	86.6	87.0	88.2	88.7	88.7	88.8	88.8	88.8	88.8
IV 2500	28.1	55.4	64.7	74.4	81.0	83.9	88.1	89.4	89.8	91.0	91.5	91.5	91.6	91.6	91.6	91.6
IV 2000	28.7	57.2	66.9	77.2	84.3	87.3	92.0	93.4	93.8	95.1	95.6	95.6	95.8	95.8	95.8	95.8
IV 1800	28.9	57.6	67.4	77.9	85.1	88.1	92.9	94.3	94.8	96.1	96.6	96.6	96.7	96.7	96.7	96.7
IV 1500	28.9	58.0	67.9	78.7	86.0	88.9	94.1	95.7	96.2	97.5	98.0	98.0	98.2	98.2	98.2	98.2
IV 1200	29.0	58.2	68.3	79.1	86.5	89.5	94.7	96.4	96.9	98.3	98.8	98.8	99.0	99.0	99.0	99.0
IV 1000	29.0	58.3	68.4	79.2	86.8	89.9	95.1	96.9	97.4	98.8	99.3	99.3	99.5	99.5	99.5	99.5
IV 900	29.0	58.3	68.4	79.2	86.8	89.9	95.1	96.9	97.4	98.8	99.3	99.3	99.5	99.5	99.5	99.5
IV 800	29.0	58.3	68.4	79.2	86.8	89.9	95.1	96.9	97.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6
IV 700	29.0	58.3	68.4	79.2	86.8	89.9	95.2	97.0	97.5	98.9	99.5	99.5	99.7	99.7	99.7	99.7
IV 600	29.0	58.3	68.4	79.2	86.9	90.0	95.3	97.1	97.7	99.1	99.7	99.7	99.8	99.8	99.8	99.8
IV 500	29.0	58.3	68.4	79.3	86.9	90.0	95.4	97.2	97.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9
IV 400	29.0	58.3	68.4	79.3	86.9	90.0	95.4	97.2	97.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
IV 300	29.0	58.3	68.4	79.3	86.9	90.0	95.4	97.2	97.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	29.0	58.3	68.4	79.3	86.9	90.0	95.4	97.2	97.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	29.0	58.3	68.4	79.3	86.9	90.0	95.4	97.2	97.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	29.0	58.3	68.4	79.3	86.9	90.0	95.4	97.2	97.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2597

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

MORTON AFB CALIF/SAN BERNARDINO

43-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	22.0	38.7	43.8	50.6	55.2	56.1	59.0	60.2	60.4	61.2	61.6	61.6	61.9	61.9	61.9	61.9
≥ 20000	22.6	40.1	45.5	52.8	57.7	58.0	61.7	62.9	63.1	64.0	64.4	64.4	64.7	64.7	64.7	64.7
IN 18000	22.6	40.1	45.5	52.9	57.7	58.9	61.8	63.0	63.2	64.1	64.5	64.5	64.7	64.7	64.7	64.7
IN 16000	22.6	40.3	45.6	53.0	57.9	59.0	61.9	62.1	63.3	64.2	64.6	64.6	64.8	64.8	64.8	64.8
IN 14000	22.7	40.5	45.8	53.2	58.1	59.2	62.2	63.3	63.5	64.5	64.8	64.8	65.1	65.1	65.1	65.1
IN 12000	22.8	40.6	46.0	53.4	58.3	59.4	62.3	63.5	63.7	64.7	65.0	65.0	65.3	65.3	65.3	65.3
IN 10000	23.0	41.1	46.6	54.1	58.9	60.1	63.0	64.2	64.3	65.3	65.7	65.7	66.0	66.0	66.0	66.0
IN 9000	23.1	41.2	46.8	54.2	59.0	60.2	63.1	64.3	64.5	65.5	65.8	65.8	66.1	66.1	66.1	66.1
IN 8000	23.4	41.7	47.2	54.6	59.5	60.7	63.5	64.7	64.9	65.9	66.3	66.3	66.6	66.6	66.6	66.6
IN 7000	23.4	41.8	47.4	54.8	59.7	60.8	63.7	64.9	65.1	66.1	66.5	66.5	66.7	66.7	66.7	66.7
IN 6000	23.5	42.2	47.8	55.3	60.2	61.4	64.2	65.4	65.6	66.6	67.0	67.0	67.3	67.3	67.3	67.3
IN 5000	24.5	43.9	49.6	57.2	62.0	63.2	66.1	67.3	67.5	68.5	68.8	68.8	69.1	69.1	69.1	69.1
IN 4500	25.0	45.1	50.9	58.4	63.3	64.4	67.3	68.5	68.7	69.7	70.1	70.1	70.3	70.3	70.3	70.3
IN 4000	26.7	48.3	54.2	61.8	66.7	67.8	70.7	71.9	72.1	73.1	73.5	73.5	73.7	73.7	73.7	73.7
IN 3500	27.7	50.1	56.2	64.0	69.0	70.1	73.0	74.2	74.4	75.4	75.8	75.8	76.0	76.0	76.0	76.0
IN 3000	28.7	52.3	59.0	66.9	72.1	73.2	76.2	77.4	77.6	78.6	78.9	78.9	79.2	79.2	79.2	79.2
IN 2500	29.7	55.4	62.5	70.7	76.0	77.2	80.4	81.6	81.8	82.8	83.1	83.1	83.4	83.4	83.4	83.4
IN 2000	30.7	58.1	66.0	75.0	80.8	82.1	85.4	86.6	86.8	87.9	88.3	88.3	88.6	88.6	88.6	88.6
IN 1800	31.0	59.0	67.2	76.1	82.0	83.4	86.9	88.1	88.3	89.4	89.8	89.8	90.1	90.1	90.1	90.1
IN 1500	31.2	60.1	68.7	78.3	84.7	86.1	90.2	91.4	91.8	92.9	93.3	93.3	93.5	93.5	93.5	93.5
IN 1200	31.2	60.6	69.5	79.3	86.6	88.2	92.5	93.7	94.1	95.2	95.6	95.6	95.9	95.9	95.9	95.9
IN 1000	31.2	61.0	70.0	79.9	87.7	89.4	94.2	95.5	95.9	97.1	97.6	97.6	97.9	97.9	97.9	97.9
IN 900	31.2	61.0	70.0	80.0	87.7	89.5	94.3	95.7	96.1	97.3	97.8	97.8	98.1	98.1	98.1	98.1
IN 800	31.2	61.0	70.0	80.1	87.9	89.7	94.6	96.1	96.5	97.7	98.2	98.2	98.4	98.4	98.4	98.4
IN 700	31.2	61.0	70.0	80.1	88.0	89.8	94.8	96.3	96.7	97.9	98.5	98.5	98.7	98.7	98.7	98.7
IN 600	31.2	61.0	70.0	80.1	88.0	89.9	94.9	96.5	96.9	98.3	98.8	98.8	99.1	99.1	99.1	99.1
IN 500	31.2	61.0	70.0	80.1	88.0	89.9	94.9	96.6	97.0	98.5	99.2	99.2	99.4	99.4	99.4	99.4
IN 400	31.2	61.0	70.0	80.1	88.0	89.9	94.9	96.7	97.2	98.6	99.3	99.3	99.6	99.6	99.6	99.6
IN 300	31.2	61.0	70.0	80.1	88.0	89.9	94.9	96.7	97.2	98.6	99.3	99.3	99.6	99.6	99.6	99.6
IN 200	31.2	61.0	70.0	80.1	88.1	90.0	95.0	96.7	97.2	98.6	99.4	99.4	99.7	99.7	99.7	99.7
IN 100	31.2	61.0	70.0	80.1	88.1	90.0	95.0	96.8	97.2	98.7	99.4	99.4	99.7	99.7	99.7	99.7
IN 0	31.2	61.0	70.0	80.1	88.1	90.0	95.0	96.9	97.4	98.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2603

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

WURTIN AFB CALIF/SAN BERNARDINO

43-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2'	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	16.7	33.7	38.0	43.9	49.7	50.8	54.2	55.3	55.8	56.4	56.6	56.6	56.7	56.7	56.7	56.7
≥ 20000	17.1	34.8	39.1	45.3	51.4	52.8	56.2	57.4	57.9	58.6	58.7	58.7	58.8	58.8	58.8	58.8
IV 18000	17.1	34.8	39.2	45.3	51.5	52.8	56.2	57.4	58.0	58.6	58.7	58.7	58.8	58.8	58.9	58.9
IV 16000	17.2	34.9	39.3	45.5	51.6	53.0	56.4	57.6	58.2	58.8	58.9	58.9	59.0	59.0	59.1	59.1
IV 14000	17.2	35.1	39.5	45.7	51.9	53.3	56.7	57.8	58.4	59.0	59.2	59.2	59.3	59.3	59.3	59.3
IV 12000	17.2	35.1	39.5	45.7	51.9	53.3	56.7	57.9	58.4	59.1	59.2	59.2	59.3	59.3	59.3	59.3
IV 10000	17.4	35.3	39.6	45.9	52.2	53.5	57.0	58.1	58.7	59.3	59.5	59.5	59.6	59.6	59.6	59.6
IV 9000	17.4	35.3	39.6	45.9	52.2	53.6	57.0	58.2	58.7	59.3	59.5	59.5	59.6	59.6	59.6	59.6
IV 8000	17.4	35.3	39.6	45.9	52.2	53.6	57.0	58.2	58.7	59.3	59.5	59.5	59.6	59.6	59.6	59.6
IV 7000	17.4	35.3	39.6	45.9	52.2	53.6	57.0	58.2	58.7	59.3	59.5	59.5	59.6	59.6	59.6	59.6
IV 6000	17.4	35.3	39.7	45.9	52.2	53.6	57.0	58.2	58.8	59.4	59.5	59.5	59.6	59.6	59.7	59.7
IV 5000	16.0	36.2	40.7	47.0	53.3	54.7	58.1	59.2	59.8	60.4	60.6	60.6	60.7	60.7	60.7	60.7
IV 4500	18.5	36.9	41.6	47.9	54.2	55.6	59.0	60.2	60.7	61.4	61.5	61.5	61.6	61.6	61.6	61.6
IV 4000	18.7	37.5	42.2	48.5	54.8	56.3	59.7	60.9	61.4	62.0	62.2	62.2	62.3	62.3	62.3	62.3
IV 3500	19.4	39.2	44.0	50.3	56.6	58.1	61.5	62.7	63.2	63.8	64.0	64.0	64.1	64.1	64.1	64.1
IV 3000	20.2	41.1	46.1	52.4	58.8	60.2	63.7	64.8	65.4	66.0	66.2	66.2	66.3	66.3	66.3	66.3
IV 2500	21.0	43.6	49.1	55.7	62.2	63.6	67.0	68.2	68.7	69.4	69.5	69.5	69.6	69.6	69.6	69.6
IV 2000	21.5	46.8	53.1	60.9	67.8	69.3	72.7	73.9	74.5	75.1	75.2	75.2	75.3	75.3	75.4	75.4
IV 1800	21.6	47.9	54.6	62.9	70.0	71.6	75.0	76.2	76.8	77.4	77.5	77.5	77.7	77.7	77.7	77.7
IV 1500	21.7	49.4	57.3	66.9	75.0	76.9	80.6	81.8	82.4	83.0	83.1	83.1	83.3	83.3	83.3	83.3
IV 1200	21.8	49.9	58.4	69.5	78.7	80.8	84.8	86.1	86.7	87.3	87.4	87.4	87.6	87.6	87.6	87.6
IV 1000	21.8	50.2	58.9	70.7	80.5	83.1	88.2	89.8	90.4	91.1	91.2	91.2	91.4	91.4	91.4	91.4
IV 900	21.8	50.2	59.1	70.9	81.2	83.9	89.3	91.4	92.1	92.8	92.9	92.9	93.1	93.1	93.1	93.1
IV 800	21.8	50.2	59.1	71.0	81.5	84.3	90.0	92.5	93.2	93.9	94.1	94.1	94.2	94.2	94.3	94.3
IV 700	21.8	50.2	59.1	71.2	81.8	84.7	90.6	93.3	94.1	95.0	95.2	95.2	95.4	95.4	95.4	95.4
IV 600	21.8	50.2	59.2	71.3	82.1	85.1	91.4	94.1	94.9	96.0	96.3	96.3	96.4	96.4	96.5	96.5
IV 500	21.8	50.2	59.2	71.3	82.2	85.2	91.9	94.7	95.7	97.1	97.6	97.6	97.7	97.7	97.8	97.8
IV 400	21.8	50.2	59.2	71.3	82.3	85.3	92.0	95.1	96.0	97.4	97.9	97.9	98.2	98.2	98.3	98.3
IV 300	21.8	50.2	59.2	71.3	82.3	85.4	92.1	95.2	96.1	97.7	98.2	98.2	98.7	98.7	98.7	98.8
IV 200	21.8	50.2	59.2	71.3	82.3	85.4	92.1	95.2	96.2	97.8	98.4	98.4	98.9	98.9	99.2	99.2
IV 100	21.8	50.2	59.2	71.3	82.3	85.4	92.1	95.2	96.2	97.8	98.4	98.4	99.0	99.0	99.3	99.4
IV 0	21.8	50.2	59.2	71.3	82.3	85.4	92.1	95.3	96.3	97.9	98.5	98.5	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2777

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS, LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥	≥0
NO CEILING IV 20000	16.9	29.5	32.9	36.5	40.6	41.7	44.7	46.0	46.5	47.7	47.9	47.9	48.2	48.2	48.2	48.3
IV 18000	17.5	30.9	34.3	38.2	42.6	43.9	47.0	48.3	48.9	50.2	50.4	50.5	50.8	50.8	50.8	50.9
IV 16000	17.6	31.0	34.4	38.3	42.7	44.0	47.1	48.5	49.0	50.4	50.6	50.7	51.0	51.0	51.0	51.1
IV 14000	17.7	31.2	34.7	38.6	43.0	44.3	47.5	48.8	49.4	50.7	51.0	51.0	51.4	51.4	51.4	51.4
IV 12000	17.7	31.3	34.8	38.7	43.1	44.4	47.6	48.9	49.5	50.8	51.0	51.1	51.4	51.4	51.4	51.5
IV 10000	17.7	31.5	34.9	38.8	43.3	44.6	47.8	49.2	49.7	51.1	51.3	51.4	51.7	51.7	51.7	51.9
IV 9000	17.7	31.5	34.9	38.8	43.3	44.6	47.8	49.2	49.8	51.2	51.4	51.5	51.8	51.8	51.8	51.9
IV 8000	17.7	31.5	35.0	38.9	43.4	44.7	47.9	49.3	49.9	51.3	51.5	51.6	51.9	51.9	51.9	52.0
IV 7000	17.7	31.7	35.2	39.1	43.6	44.8	48.1	49.5	50.0	51.4	51.7	51.8	52.1	52.1	52.1	52.2
IV 6000	17.9	31.9	35.4	39.3	43.8	45.1	48.3	49.7	50.3	51.7	52.0	52.0	52.3	52.3	52.3	52.4
IV 5000	18.3	32.4	35.9	39.8	44.3	45.6	48.8	50.3	50.8	52.2	52.5	52.5	52.9	52.9	52.9	52.9
IV 4500	18.7	32.8	36.5	40.4	44.9	46.1	49.4	50.8	51.3	52.7	53.0	53.1	53.4	53.4	53.4	53.5
IV 4000	19.0	33.6	37.2	41.1	45.7	47.0	50.3	51.7	52.2	53.6	53.9	54.0	54.3	54.3	54.3	54.4
IV 3500	19.6	35.2	39.0	43.0	47.6	48.9	52.2	53.6	54.2	55.6	55.8	56.2	56.2	56.2	56.2	56.3
IV 3000	20.3	36.8	40.3	44.7	49.3	50.7	53.9	55.3	55.9	57.3	57.6	57.9	57.9	57.9	57.9	58.0
IV 2500	21.3	38.7	43.3	47.9	52.7	54.1	57.4	58.9	59.4	60.8	61.1	61.1	61.5	61.5	61.5	61.5
IV 2000	21.7	41.6	47.0	52.6	58.0	59.5	63.0	64.4	65.0	66.4	66.7	66.8	67.1	67.1	67.2	67.2
IV 1800	22.0	42.3	48.2	54.2	59.7	61.6	65.2	66.7	67.2	68.7	69.0	69.0	69.4	69.4	69.4	69.5
IV 1500	22.2	43.8	50.1	57.0	63.9	65.9	69.9	71.7	72.3	73.8	74.1	74.1	74.5	74.5	74.5	74.6
IV 1200	22.2	44.3	51.1	58.7	66.8	69.0	73.4	75.9	76.4	78.0	78.4	78.4	78.8	78.8	78.8	78.9
IV 1000	22.2	44.3	51.3	59.5	68.5	71.1	76.3	79.2	79.8	81.6	82.1	82.2	82.5	82.5	82.6	82.7
IV 900	22.2	44.4	51.5	59.8	69.1	71.7	77.5	80.9	81.7	83.5	84.1	84.2	84.5	84.5	84.6	84.7
IV 800	22.2	44.5	51.6	59.9	69.4	72.3	78.4	82.3	83.3	85.6	86.3	86.4	86.7	86.7	86.8	86.8
IV 700	22.2	44.5	51.6	59.9	69.6	72.5	78.9	83.0	84.1	86.7	87.7	87.8	88.1	88.1	88.2	88.3
IV 600	22.2	44.5	51.6	60.0	69.8	72.7	79.6	84.1	85.4	88.4	89.5	89.6	90.1	90.1	90.2	90.3
IV 500	22.2	44.5	51.7	60.0	69.9	72.9	80.1	84.9	86.4	89.7	91.1	91.3	91.9	91.9	92.1	92.2
IV 400	22.2	44.5	51.7	60.1	70.0	73.2	80.8	86.1	87.8	91.5	93.1	93.2	93.9	94.0	94.1	94.2
IV 300	22.2	44.5	51.7	60.2	70.2	73.4	81.0	86.6	88.3	92.2	94.0	94.3	95.2	95.3	95.6	95.6
IV 200	22.2	44.5	51.7	60.2	70.2	73.4	81.1	86.7	88.4	92.7	94.8	95.1	96.2	96.4	96.8	97.1
IV 100	22.2	44.5	51.7	60.2	70.2	73.4	81.1	86.7	88.4	92.8	94.9	95.3	96.5	96.7	97.4	97.8
IV 0	22.2	44.5	51.7	60.2	70.2	73.4	81.1	86.8	88.5	92.9	95.0	95.1	96.7	97.0	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2763

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23166 NORTON AFB CALIF/SAN BERNARDINO 43-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS-UTS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	14.3	23.5	27.7	31.0	34.9	37.0	39.8	41.9	42.6	43.9	44.4	44.4	44.6	44.6	44.7	44.8
≥ 2000	15.3	25.0	29.4	33.0	37.1	39.2	42.4	44.7	45.6	47.1	47.6	47.7	48.0	48.0	48.1	48.2
IV 18000	15.3	25.0	29.4	33.0	37.1	39.2	42.5	44.7	45.7	47.1	47.7	47.7	48.0	48.1	48.1	48.2
IV 16000	15.4	25.1	29.6	33.2	37.3	39.4	42.7	44.9	45.8	47.3	47.9	47.9	48.2	48.2	48.3	48.4
IV 14000	15.5	25.2	29.7	33.4	37.5	39.6	42.8	45.1	46.0	47.5	48.0	48.1	48.4	48.4	48.5	48.6
IV 12000	15.6	25.3	29.8	33.6	37.7	39.9	43.2	45.4	46.4	47.9	48.4	48.5	48.8	48.8	48.9	48.9
IV 10000	15.6	25.4	29.9	33.6	37.8	40.0	43.2	45.6	46.5	48.0	48.5	48.6	48.9	48.9	49.0	49.1
IV 9000	15.6	25.4	30.0	33.7	37.9	40.1	43.3	45.7	46.6	48.1	48.6	48.7	49.0	49.0	49.1	49.2
IV 8000	15.7	25.4	30.0	33.8	38.0	40.2	43.5	45.8	46.8	48.2	48.8	48.9	49.2	49.2	49.3	49.3
IV 7000	15.7	25.5	30.1	34.0	38.2	40.5	43.7	46.0	47.0	48.5	49.0	49.1	49.4	49.4	49.5	49.5
IV 6000	15.8	25.9	30.5	34.4	38.5	40.8	44.1	46.4	47.3	48.8	49.4	49.4	49.7	49.8	49.8	49.9
IV 5000	16.6	26.7	31.4	35.3	39.5	41.8	45.0	47.3	48.3	49.8	50.4	50.5	50.7	50.9	50.9	50.9
IV 4500	17.1	27.5	32.3	36.3	40.6	42.8	46.1	48.4	49.4	50.9	51.5	51.5	51.8	51.9	51.9	52.0
IV 4000	17.7	28.6	33.5	37.6	41.9	44.2	47.5	49.8	50.7	52.3	52.8	52.8	53.2	53.2	53.3	53.4
IV 3500	18.3	30.0	35.1	39.4	43.9	46.3	49.5	51.9	52.8	54.3	54.9	55.0	55.3	55.3	55.4	55.5
IV 3000	18.9	31.6	37.2	41.9	46.7	49.2	52.5	54.8	55.8	57.3	57.8	57.9	58.2	58.2	58.3	58.4
IV 2500	19.9	33.9	39.8	45.3	50.5	53.3	56.7	59.1	60.1	61.6	62.2	62.3	62.5	62.5	62.6	62.7
IV 2000	20.2	35.4	42.1	48.6	55.0	58.4	62.3	64.9	65.9	67.5	68.1	68.1	68.4	68.5	68.5	68.6
IV 1800	20.3	35.7	42.5	49.5	56.6	60.1	64.3	67.1	68.2	69.9	70.5	70.6	70.8	70.9	70.9	71.0
IV 1500	20.5	36.3	43.9	51.3	59.5	63.6	68.3	71.8	73.0	74.8	75.4	75.5	75.8	75.8	75.9	76.0
IV 1200	20.5	36.6	44.6	52.2	61.1	65.8	71.4	75.9	77.4	79.6	80.2	80.3	80.6	80.6	80.7	80.8
IV 1000	20.5	36.7	44.8	52.7	62.0	66.9	73.4	78.7	80.9	83.7	84.5	84.6	84.9	85.0	85.0	85.1
IV 900	20.5	36.7	44.8	52.7	62.0	67.1	73.8	79.7	82.2	85.3	86.3	86.4	86.7	86.8	86.8	86.9
IV 800	20.5	36.7	44.8	52.8	62.2	67.3	74.3	80.7	83.5	87.4	88.5	88.6	89.0	89.0	89.1	89.2
IV 700	20.5	36.7	44.8	52.8	62.2	67.4	74.4	81.2	84.3	88.5	90.1	90.3	90.8	90.8	90.9	91.0
IV 600	20.5	36.7	44.9	52.8	62.2	67.5	74.5	81.4	84.8	89.5	91.3	91.4	92.1	92.1	92.2	92.3
IV 500	20.5	36.7	44.9	52.8	62.2	67.5	74.6	81.7	85.3	90.5	92.6	93.0	93.9	94.0	94.2	94.2
IV 400	20.5	36.7	44.9	52.8	62.3	67.6	74.7	82.0	85.8	91.3	94.0	94.4	95.4	95.5	95.7	95.7
IV 300	20.5	36.7	44.9	52.8	62.3	67.6	74.7	82.0	85.8	91.6	94.6	95.2	96.5	96.6	96.9	97.0
IV 200	20.5	36.7	44.9	52.8	62.3	67.6	74.7	82.1	85.9	91.7	94.8	95.6	97.0	97.2	97.7	97.9
IV 100	20.5	36.7	44.9	52.8	62.3	67.6	74.7	82.1	85.9	91.7	94.9	95.7	97.2	97.4	98.0	98.5
IV 0	20.5	36.7	44.9	52.8	62.3	67.6	74.7	82.1	85.9	91.7	94.9	95.7	97.5	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2771

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTON AFB CALIF/SAN BERNARDINO

63-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	17.1	27.3	32.4	38.0	43.5	47.0	51.4	55.0	56.1	57.3	57.7	57.7	57.7	57.7	57.7	57.7
IV 18000 16000	17.9	29.0	34.3	40.2	46.1	49.9	54.8	58.8	60.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000 12000	17.9	29.1	34.4	40.4	46.2	50.0	55.1	59.1	60.2	61.6	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000 9000	17.9	29.2	34.5	40.5	46.5	50.3	55.3	59.4	60.5	61.9	62.2	62.2	62.2	62.2	62.2	62.2
IV 8000 7000	17.9	29.3	34.7	40.7	46.7	50.6	55.7	59.8	60.9	62.3	62.7	62.7	62.7	62.7	62.7	62.7
IV 6000 5000	18.0	29.4	34.8	40.9	46.9	50.9	56.0	60.0	61.2	62.6	63.0	63.0	63.0	63.0	63.0	63.0
IV 4500 4000	18.0	29.4	34.8	40.9	47.1	51.0	56.2	60.2	61.4	62.8	63.1	63.1	63.1	63.1	63.1	63.1
IV 3500 3000	18.1	29.6	35.0	41.2	47.4	51.3	56.5	60.5	61.7	63.1	63.5	63.5	63.5	63.5	63.5	63.5
IV 2500 2000	18.4	30.1	35.5	41.7	47.9	51.8	57.0	61.0	62.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0
IV 1800 1500	19.3	31.4	37.0	43.1	49.4	53.3	58.4	62.5	63.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4
IV 1200 1000	20.2	32.9	38.4	44.7	50.9	54.8	60.0	64.0	65.2	66.6	67.0	67.0	67.0	67.0	67.0	67.0
IV 900 800	21.5	34.8	40.5	46.9	53.1	57.1	62.2	66.3	67.5	68.9	69.2	69.2	69.2	69.2	69.2	69.2
IV 700 600	22.7	36.9	43.1	49.6	56.1	60.1	65.2	69.3	70.5	71.9	72.2	72.2	72.2	72.2	72.2	72.2
IV 500 400	23.5	38.9	45.8	52.8	59.7	63.9	69.2	73.2	74.4	75.8	76.2	76.2	76.2	76.2	76.2	76.2
IV 300 200	24.2	41.2	49.1	57.0	64.4	68.8	74.4	78.4	79.6	81.0	81.4	81.4	81.4	81.4	81.4	81.4
IV 100 0	24.6	42.6	50.9	59.5	68.2	73.2	79.5	83.9	85.1	86.5	86.9	86.9	86.9	86.9	86.9	86.9
IV 0	24.7	42.9	51.2	60.0	69.5	74.9	81.6	86.0	87.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1
IV 0	24.8	43.1	51.4	60.6	70.6	76.7	83.7	88.7	90.1	91.6	91.9	91.9	91.9	91.9	91.9	91.9
IV 0	24.8	43.4	52.0	61.3	71.6	78.2	85.9	91.7	93.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5
IV 0	24.9	43.5	52.2	61.5	72.0	78.7	86.6	92.9	94.8	96.7	97.1	97.1	97.2	97.2	97.3	97.3
IV 0	24.9	43.5	52.2	61.6	72.0	78.8	86.8	93.5	95.7	98.1	98.6	98.6	98.7	98.7	98.7	98.7
IV 0	24.9	43.5	52.2	61.6	72.1	78.8	86.9	93.6	95.9	98.3	98.9	98.9	99.0	99.0	99.1	99.1
IV 0	24.9	43.5	52.2	61.6	72.1	78.9	86.9	93.8	96.1	98.7	99.4	99.4	99.5	99.5	99.5	99.5
IV 0	24.9	43.5	52.2	61.6	72.1	79.0	87.0	93.8	96.2	99.0	99.7	99.7	99.9	99.9	99.9	99.9
IV 0	24.9	43.5	52.2	61.6	72.1	79.0	87.0	93.8	96.2	99.0	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	24.9	43.5	52.2	61.6	72.1	79.0	87.0	93.8	96.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	24.9	43.5	52.2	61.6	72.1	79.0	87.0	93.8	96.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	24.9	43.5	52.2	61.6	72.1	79.0	87.0	93.8	96.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2770

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	22.1	38.0	44.8	51.9	59.5	62.8	66.0	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000	23.9	41.4	49.1	57.1	65.5	69.1	72.5	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	24.0	41.5	49.2	57.3	65.7	69.3	72.7	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	24.1	41.6	49.3	57.4	65.9	69.5	72.8	75.0	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	24.2	41.8	49.6	57.8	66.4	70.0	73.4	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 12000	24.2	42.0	49.9	58.2	66.9	70.6	74.0	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 10000	24.6	42.3	50.4	58.7	67.5	71.3	74.6	76.8	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 9000	24.6	42.4	50.5	58.8	67.6	71.3	74.7	76.9	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 8000	24.8	42.7	50.9	59.3	68.2	72.0	75.4	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 7000	25.0	43.0	51.2	59.6	68.5	72.3	75.8	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000	25.6	43.7	52.0	60.4	69.3	73.1	76.6	78.8	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 5000	27.4	46.3	54.7	63.2	72.2	76.0	79.5	81.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4500	28.5	48.1	56.6	65.1	74.1	78.0	81.4	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4000	29.9	50.6	59.2	67.8	76.9	80.7	84.2	86.4	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500	30.9	52.8	61.7	70.8	80.1	83.9	87.4	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	31.6	54.5	63.8	73.3	83.0	87.0	90.5	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500	32.0	55.8	65.2	75.1	85.1	89.3	92.9	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	32.2	56.3	65.9	76.0	86.6	91.1	94.8	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	32.2	56.4	66.0	76.3	87.0	91.3	95.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	32.3	56.7	66.4	76.7	87.7	92.3	96.2	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	32.3	56.7	66.4	76.7	87.8	92.4	96.3	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	32.3	56.8	66.4	76.8	87.8	92.6	96.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2777



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
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	¾	¾	≥5-16	¾	≥0
NO CEILING	19.5	40.8	49.5	58.8	65.9	69.2	71.8	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 20000	21.3	44.7	54.2	64.6	72.3	76.0	78.7	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 18000	21.3	44.8	54.3	64.6	72.4	76.1	78.9	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 16000	21.3	45.0	54.5	64.8	72.6	76.3	79.0	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 14000	21.4	45.3	54.7	65.1	73.0	76.7	79.5	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 12000	21.7	45.7	55.3	66.1	74.2	77.9	80.7	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 10000	21.8	45.9	55.5	66.3	74.5	78.2	81.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 9000	21.8	45.9	55.5	66.3	74.5	78.2	81.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 8000	22.0	46.1	55.8	66.6	75.0	78.8	81.6	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 7000	22.2	46.5	56.2	67.0	75.4	79.2	82.0	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 6000	22.5	47.1	56.7	67.6	76.0	79.8	82.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 5000	23.8	49.3	59.2	70.2	78.8	82.6	85.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500	24.8	50.7	60.6	71.6	80.3	84.1	86.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4000	25.8	52.5	62.7	73.9	82.8	86.7	89.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	26.7	54.5	64.8	76.2	85.3	89.4	92.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3000	27.2	55.9	66.6	78.7	87.9	92.1	95.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	27.4	56.6	67.4	79.9	89.2	93.5	96.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	27.4	56.9	67.9	80.4	90.0	94.3	97.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	27.4	57.0	68.0	80.6	90.2	94.8	97.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	27.5	57.1	68.1	80.7	90.4	95.0	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	27.5	57.1	68.1	80.7	90.5	95.1	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	27.5	57.1	68.2	80.8	90.7	95.3	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2771

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5-16	≥¼	≥0	
NO CEILING	18.3	37.7	45.3	54.7	62.9	65.9	65.6	70.9	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.9
≥ 20000	19.3	40.3	48.4	58.5	67.4	70.9	74.7	76.2	79.7	77.1	77.1	77.2	77.2	77.2	77.2	77.3
IV 18000	19.4	40.4	48.5	58.6	67.6	71.1	74.9	76.4	77.0	77.4	77.4	77.5	77.5	77.5	77.5	77.5
IV 16000	19.5	40.5	48.7	58.8	67.8	71.2	75.1	76.6	77.2	77.5	77.6	77.6	77.6	77.6	77.7	77.7
IV 14000	19.5	40.6	48.8	58.9	68.0	71.4	75.3	76.8	77.4	77.8	77.8	77.9	77.9	77.9	77.9	77.9
IV 12000	19.6	41.0	49.3	59.4	68.7	72.2	76.2	77.7	78.3	78.6	78.7	78.7	78.7	78.7	78.8	78.8
IV 10000	19.8	41.3	49.7	59.9	69.3	72.8	76.7	78.2	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3
IV 9000	19.8	41.3	49.7	59.9	69.3	72.8	76.7	78.3	78.9	79.2	79.2	79.3	79.3	79.3	79.3	79.4
IV 8000	19.9	41.5	49.9	60.1	69.6	73.2	77.1	78.6	79.2	79.6	79.6	79.7	79.7	79.7	79.7	79.7
IV 7000	20.0	41.7	50.0	60.3	69.8	73.4	77.3	78.8	79.5	79.8	79.8	79.9	79.9	79.9	79.9	80.0
IV 6000	20.2	42.3	50.6	61.0	70.5	74.2	78.2	79.7	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.8
IV 5000	21.2	43.9	52.4	62.8	72.5	76.2	80.1	81.7	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.8
IV 4500	22.0	45.5	54.0	64.5	74.2	77.8	81.8	83.3	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4
IV 4000	22.9	47.1	55.9	66.4	76.2	80.0	84.0	85.5	86.1	86.4	86.4	86.5	86.5	86.5	86.6	86.6
IV 3500	23.6	48.6	57.6	68.4	78.3	82.0	86.2	87.7	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8
IV 3000	24.2	50.6	59.9	71.1	81.3	85.1	89.4	91.0	91.6	91.9	92.0	92.0	92.0	92.0	92.1	92.1
IV 2500	24.6	51.9	61.6	73.3	83.6	87.3	92.0	93.6	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.7
IV 2000	24.6	52.0	62.9	74.9	85.5	89.8	94.4	96.1	96.7	97.1	97.2	97.2	97.2	97.2	97.3	97.3
IV 1800	24.8	53.2	63.2	75.3	85.9	90.3	94.9	96.6	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.9
IV 1500	24.8	53.3	63.4	75.8	86.7	91.2	96.0	97.8	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1
IV 1200	24.8	53.3	63.4	76.0	87.1	91.5	96.4	98.3	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5
IV 1000	24.8	53.4	63.4	76.1	87.2	91.7	96.6	98.5	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 900	24.8	53.4	63.4	76.1	87.2	91.7	96.7	98.6	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9
IV 800	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 700	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 600	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 500	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	24.8	53.4	63.4	76.1	87.2	91.8	96.8	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2774

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NDRTIN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	18.0	39.1	46.6	54.0	59.9	61.6	64.6	65.7	65.7	66.0	66.1	66.2	66.2	66.2	66.2	66.2
IV 20000	18.6	40.7	48.3	56.2	62.4	64.3	67.5	68.5	68.5	68.8	68.9	69.0	69.0	69.1	69.1	69.1
IV 18000	18.7	40.8	48.4	56.3	62.5	64.4	67.6	68.7	68.7	69.0	69.1	69.2	69.2	69.2	69.2	69.2
IV 16000	18.7	40.8	48.5	56.4	62.6	64.5	67.7	68.8	68.8	69.1	69.2	69.3	69.3	69.3	69.3	69.3
IV 14000	18.8	41.0	48.7	56.6	62.8	64.8	68.0	69.0	69.0	69.3	69.4	69.5	69.5	69.6	69.6	69.6
IV 12000	18.8	41.1	48.9	56.9	63.3	65.3	68.5	69.6	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1
IV 10000	18.9	41.3	49.1	57.2	63.6	65.6	68.8	69.9	69.9	70.2	70.4	70.4	70.4	70.5	70.5	70.5
IV 9000	18.9	41.3	49.1	57.2	63.6	65.6	68.8	69.9	69.9	70.2	70.4	70.4	70.4	70.5	70.5	70.5
IV 8000	19.0	41.4	49.2	57.3	63.7	65.7	68.9	70.0	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5
IV 7000	19.1	41.5	49.4	57.5	63.9	65.9	69.2	70.2	70.2	70.6	70.7	70.7	70.7	70.8	70.8	70.8
IV 6000	19.3	41.9	49.8	57.9	64.3	66.3	69.6	70.6	70.6	71.0	71.1	71.1	71.1	71.2	71.2	71.2
IV 5000	20.0	42.9	50.7	58.9	65.4	67.4	70.6	71.7	71.7	72.0	72.1	72.2	72.2	72.2	72.2	72.2
IV 4500	20.4	43.8	51.8	60.0	66.4	68.5	71.7	72.8	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3
IV 4000	21.6	45.4	53.4	61.6	68.1	70.1	73.3	74.4	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9
IV 3500	22.2	46.8	55.0	63.3	69.7	71.7	74.9	76.0	76.0	76.3	76.5	76.5	76.5	76.6	76.6	76.6
IV 3000	22.6	49.4	58.0	66.4	72.8	74.9	78.1	79.2	79.2	79.5	79.6	79.7	79.7	79.7	79.7	79.7
IV 2500	23.3	51.9	60.7	69.4	76.1	78.2	81.5	82.6	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.1
IV 2000	23.9	54.4	64.1	73.9	81.0	83.3	86.8	87.9	87.9	88.3	88.4	88.4	88.4	88.5	88.5	88.5
IV 1800	23.9	55.2	65.3	75.5	82.9	85.3	88.8	89.9	89.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5
IV 1500	24.2	56.3	67.2	78.2	85.9	88.4	92.1	93.2	93.3	93.7	93.8	93.9	93.9	93.9	93.9	93.9
IV 1200	24.2	57.0	68.2	79.7	88.1	90.8	95.3	96.5	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1
IV 1000	24.2	57.0	68.2	80.2	89.0	91.7	96.6	97.9	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6
IV 900	24.2	57.0	68.2	80.3	89.2	91.9	96.9	98.3	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0
IV 800	24.2	57.0	68.2	80.3	89.3	92.1	97.2	98.7	98.7	99.1	99.3	99.3	99.3	99.4	99.4	99.4
IV 700	24.2	57.0	68.2	80.3	89.3	92.2	97.3	98.9	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6
IV 600	24.2	57.0	68.2	80.3	89.4	92.2	97.4	99.0	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	24.2	57.0	68.2	80.3	89.4	92.2	97.5	99.1	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	24.2	57.0	68.2	80.3	89.4	92.2	97.5	99.1	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	24.2	57.0	68.2	80.3	89.4	92.2	97.5	99.1	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	24.2	57.0	68.2	80.3	89.4	92.2	97.5	99.1	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	24.2	57.0	68.2	80.3	89.4	92.2	97.5	99.1	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	24.2	57.0	68.2	80.3	89.4	92.2	97.5	99.1	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2769

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTON AFB CALIF/SAN BERNARDINO

43-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	10.8	28.5	38.5	50.2	59.1	61.5	55.3	66.4	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 20000	10.9	28.7	38.7	50.5	59.5	61.9	65.7	66.8	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 18000	10.9	28.7	38.7	50.5	59.5	61.9	65.7	66.8	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 16000	10.9	28.8	38.8	50.6	59.6	62.0	65.8	67.0	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 14000	10.9	28.9	38.8	50.7	59.7	62.1	65.9	67.1	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 12000	10.9	29.0	39.0	50.8	59.9	62.3	66.1	67.3	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 10000	10.9	29.1	39.1	50.9	60.0	62.4	66.2	67.4	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 9000	10.9	29.1	39.1	50.9	60.0	62.4	66.2	67.4	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 8000	11.1	29.2	39.3	51.2	60.2	62.6	66.4	67.6	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 7000	11.3	29.5	39.6	51.4	60.5	62.9	66.7	67.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 6000	11.4	29.7	39.8	51.7	60.7	63.1	66.9	68.1	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000	11.5	29.8	39.8	51.8	60.9	63.2	67.0	68.2	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4500	11.6	30.1	40.3	52.2	61.3	63.7	67.5	68.7	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 4000	12.1	31.0	41.1	53.1	62.1	64.5	68.4	69.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 3500	12.3	31.3	41.5	53.5	62.6	65.0	68.9	70.1	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 3000	12.8	32.3	42.5	54.4	63.8	66.2	70.0	71.3	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 2500	13.3	33.6	44.3	56.4	66.1	68.6	72.5	73.7	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 2000	13.8	35.1	46.2	58.7	68.9	71.4	75.3	76.5	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1800	13.8	35.7	47.2	59.9	70.4	73.0	76.9	78.1	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 1500	14.0	36.9	48.8	62.2	73.5	76.1	80.3	81.6	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1200	14.2	37.9	50.2	64.5	77.2	80.3	85.2	86.6	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1000	14.2	38.2	50.7	65.6	79.0	82.5	88.0	89.9	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 900	14.3	38.2	50.8	66.1	79.8	84.0	89.8	92.0	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 800	14.3	38.4	51.0	66.5	80.6	85.0	91.5	93.9	94.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IV 700	14.3	38.4	51.1	66.7	81.0	85.6	92.6	95.1	95.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 600	14.3	38.4	51.1	66.8	81.2	85.9	93.2	96.0	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	14.3	38.4	51.1	66.9	81.5	86.2	93.8	96.8	97.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	14.3	38.4	51.1	66.9	81.5	86.2	93.9	96.9	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	14.3	38.4	51.1	67.0	81.6	86.3	94.0	97.1	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	14.3	38.4	51.1	67.0	81.6	86.3	94.0	97.1	97.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9
IV 100	14.3	38.4	51.1	67.0	81.6	86.3	94.0	97.1	97.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0
IV 0	14.3	38.4	51.1	67.0	81.6	86.3	94.0	97.1	97.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2654

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAV BERNARDINO  
STATION NAME

43-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	10.2	22.8	29.7	36.6	43.9	46.5	51.1	53.0	53.7	55.1	55.3	55.4	55.5	55.6	55.8	55.8
≥ 20000	10.3	23.0	30.0	37.0	44.3	47.0	51.6	53.5	54.4	55.8	56.0	56.1	56.2	56.3	56.4	56.6
≥ 18000	10.3	23.0	30.0	37.0	44.3	47.0	51.6	53.6	54.4	55.8	56.0	56.1	56.2	56.3	56.5	56.6
≥ 16000	10.3	23.1	30.0	37.1	44.4	47.1	51.7	53.6	54.5	55.9	56.1	56.2	56.3	56.4	56.6	56.7
IV 14000	10.4	23.2	30.2	37.2	44.5	47.3	51.9	53.8	54.7	56.1	56.3	56.4	56.5	56.6	56.7	56.9
IV 12000	10.4	23.5	30.5	37.6	45.0	47.7	52.3	54.3	55.1	56.5	56.7	56.8	56.9	57.0	57.2	57.3
IV 10000	10.5	23.5	30.6	37.6	45.1	47.8	52.4	54.5	55.3	56.7	56.9	57.0	57.1	57.2	57.4	57.5
IV 9000	10.5	23.6	30.6	37.7	45.1	47.9	52.5	54.5	55.3	56.7	56.9	57.0	57.2	57.2	57.4	57.5
IV 8000	10.5	23.6	30.6	37.7	45.2	48.0	52.6	54.6	55.5	56.9	57.0	57.2	57.2	57.3	57.5	57.7
IV 7000	10.6	23.6	30.7	37.8	45.2	48.0	52.6	54.7	55.5	56.9	57.1	57.2	57.3	57.4	57.6	57.7
IV 6000	10.7	23.9	30.9	38.0	45.5	48.3	52.9	54.9	55.8	57.2	57.3	57.5	57.6	57.7	57.8	58.0
IV 5000	10.8	24.2	31.2	38.4	45.9	48.7	53.3	55.3	56.1	57.5	57.7	57.8	58.0	58.0	58.2	58.3
IV 4500	11.0	24.6	31.6	38.8	46.2	49.0	53.6	55.7	56.5	57.9	58.1	58.2	58.3	58.4	58.6	58.7
IV 4000	11.2	25.0	32.0	39.2	46.7	49.5	54.1	56.1	56.9	58.3	58.5	58.6	58.7	58.8	59.0	59.1
IV 3500	11.4	25.6	32.7	39.9	47.4	50.2	54.8	56.9	57.7	59.1	59.3	59.4	59.5	59.6	59.8	59.9
IV 3000	11.8	26.6	33.7	41.1	48.7	51.6	56.2	58.2	59.1	60.5	60.7	60.8	60.9	61.0	61.2	61.3
IV 2500	12.2	27.7	35.1	42.7	50.7	53.6	58.3	60.4	61.3	62.7	62.9	63.0	63.2	63.2	63.5	63.6
IV 2000	12.5	29.2	36.9	45.0	53.3	56.4	61.4	63.5	64.4	65.8	66.0	66.2	66.3	66.4	66.6	66.8
IV 1800	12.6	30.0	37.9	46.2	55.0	58.2	63.4	65.5	66.4	67.9	68.0	68.2	68.3	68.4	68.6	68.8
IV 1500	12.8	31.2	39.3	48.3	57.7	61.2	66.9	69.0	70.0	71.6	71.8	71.9	72.1	72.2	72.4	72.5
IV 1200	12.8	31.8	40.2	50.0	60.2	64.3	70.6	73.2	74.2	75.9	76.2	76.3	76.5	76.5	76.8	76.9
IV 1000	12.8	32.1	40.6	50.6	61.5	66.0	73.8	77.0	78.2	80.4	80.8	80.9	81.1	81.2	81.4	81.5
IV 900	12.8	32.2	40.8	50.9	61.9	66.7	74.7	78.2	79.5	81.8	82.2	82.4	82.6	82.7	82.9	83.0
IV 800	12.8	32.3	40.8	51.1	62.6	67.8	76.8	80.7	82.1	84.7	85.4	85.5	85.9	85.9	86.2	86.3
IV 700	12.8	32.3	40.8	51.2	63.1	68.5	78.3	82.7	84.4	87.4	88.4	88.5	88.9	89.0	89.2	89.3
IV 600	12.8	32.3	40.8	51.3	63.2	68.8	79.0	83.8	85.7	89.4	90.6	90.7	91.2	91.3	91.5	91.6
IV 550	12.8	32.3	40.8	51.4	63.4	69.0	79.5	85.0	87.3	92.0	93.7	93.8	94.4	94.5	94.7	94.9
IV 400	12.8	32.3	40.8	51.5	63.5	69.1	79.7	85.5	87.8	92.7	94.7	94.9	95.8	96.0	96.2	96.4
IV 300	12.8	32.3	40.8	51.5	63.5	69.2	79.8	85.7	88.1	93.2	95.4	95.6	96.8	96.9	97.2	97.4
IV 200	12.8	32.3	40.8	51.5	63.5	69.2	79.8	85.8	88.3	93.5	95.8	96.2	97.5	97.7	98.1	98.5
IV 100	12.8	32.3	40.8	51.5	63.5	69.2	79.8	85.8	88.3	93.5	95.8	96.2	97.7	97.9	98.4	98.9
IV 0	12.8	32.3	40.8	51.5	63.5	69.2	79.8	85.8	88.3	93.5	95.8	96.2	97.8	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2647

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	7.4	15.1	19.9	26.5	34.0	38.1	44.8	48.3	49.8	52.2	52.9	52.9	52.9	53.0	53.2	53.2
≥ 20000	7.6	15.5	20.5	27.3	35.0	39.1	45.9	49.5	51.2	52.5	54.2	54.2	54.3	54.3	54.5	54.6
IV 18000	7.6	15.5	20.5	27.3	35.0	39.1	45.9	49.6	51.2	53.5	54.2	54.2	54.3	54.4	54.6	54.6
IV 16000	7.6	15.5	20.5	27.3	35.0	39.1	45.9	49.6	51.2	53.5	54.2	54.2	54.3	54.4	54.6	54.6
IV 14000	7.7	15.7	20.8	27.6	35.2	39.4	46.2	49.8	51.5	53.8	54.5	54.5	54.6	54.7	54.9	54.9
IV 12000	7.9	15.9	21.0	27.8	35.8	39.6	46.5	50.2	51.8	54.2	54.9	54.9	55.0	55.1	55.3	55.4
IV 10000	7.8	15.9	21.0	27.9	35.5	39.7	46.6	50.3	52.0	54.4	55.2	55.2	55.2	55.3	55.5	55.6
IV 9000	7.8	15.9	21.0	27.9	35.5	39.7	46.6	50.3	52.0	54.4	55.2	55.2	55.2	55.3	55.5	55.6
IV 8000	7.8	16.0	21.1	27.9	35.6	39.8	46.8	50.5	52.2	54.6	55.3	55.3	55.4	55.5	55.7	55.7
IV 7000	7.8	16.0	21.1	28.0	35.6	39.8	46.8	50.5	52.2	54.6	55.4	55.4	55.4	55.5	55.7	55.8
IV 6000	7.9	16.1	21.2	28.1	35.8	40.0	46.9	50.6	52.3	54.7	55.5	55.5	55.6	55.6	55.8	55.9
IV 5000	8.2	16.5	21.6	28.5	36.1	40.3	47.3	51.0	52.7	55.1	55.9	55.9	55.9	56.0	56.2	56.3
IV 4500	8.3	16.8	21.9	28.9	36.5	40.7	47.7	51.4	53.1	55.5	56.2	56.2	56.3	56.4	56.6	56.6
IV 4000	8.8	17.6	22.7	29.6	37.3	41.5	48.5	52.3	53.9	56.3	57.1	57.1	57.2	57.3	57.4	57.5
IV 3500	9.3	18.3	23.5	30.0	38.3	42.5	49.5	53.3	54.9	57.4	58.1	58.1	58.2	58.3	58.5	58.5
IV 3000	9.5	19.1	24.4	31.5	39.4	43.6	50.7	54.5	56.1	58.5	59.3	59.3	59.4	59.4	59.6	59.7
IV 2500	9.6	20.1	25.7	33.1	41.2	45.7	52.9	56.7	58.4	60.8	61.6	61.6	61.7	61.7	61.9	62.0
IV 2000	10.1	21.3	27.2	35.5	44.5	49.7	57.6	61.7	63.3	65.8	66.6	66.6	66.7	66.7	66.9	67.0
IV 1800	10.1	21.8	27.9	36.4	45.9	51.5	59.8	64.0	65.6	68.1	68.9	68.9	69.0	69.0	69.2	69.3
IV 1500	10.1	22.2	28.8	37.8	48.3	54.4	63.3	67.8	69.6	72.4	73.1	73.1	73.2	73.3	73.5	73.6
IV 1200	10.1	22.4	29.2	38.4	49.2	56.1	65.9	71.4	73.4	76.5	77.4	77.4	77.5	77.6	77.8	77.8
IV 1000	10.1	22.4	29.2	38.5	49.8	57.1	67.8	74.7	77.3	81.1	82.3	82.3	82.4	82.5	82.7	82.7
IV 900	10.1	22.4	29.2	38.5	50.0	57.3	68.3	75.9	78.7	83.0	84.4	84.4	84.6	84.7	84.9	85.0
IV 800	10.1	22.4	29.2	38.5	50.0	57.4	68.6	76.7	79.9	84.9	86.6	86.6	87.0	87.0	87.2	87.3
IV 700	10.1	22.4	29.2	38.6	50.1	57.6	69.1	77.8	81.3	87.0	89.0	89.0	89.6	89.7	89.8	89.9
IV 600	10.1	22.4	29.2	38.6	50.2	57.8	69.4	78.6	82.3	88.7	91.2	91.3	92.1	92.1	92.3	92.4
IV 500	10.1	22.4	29.2	38.7	50.2	57.9	69.6	79.2	83.1	90.3	93.2	93.7	94.6	94.7	94.9	94.9
IV 400	10.1	22.4	29.2	38.7	50.3	58.0	69.8	79.5	83.5	90.9	94.2	94.8	96.1	96.3	96.7	96.8
IV 300	10.1	22.4	29.2	38.7	50.3	58.0	69.8	79.5	83.6	91.0	94.7	95.4	96.9	97.1	97.6	97.8
IV 200	10.1	22.4	29.2	38.7	50.3	58.0	69.8	79.6	83.6	91.3	95.0	95.9	97.5	97.9	98.5	98.9
IV 100	10.1	22.4	29.2	38.7	50.3	58.0	69.8	79.6	83.6	91.3	95.1	96.0	97.7	98.1	98.8	99.2
IV 0	10.1	22.4	29.2	38.7	50.3	58.0	69.9	79.6	83.7	91.4	95.2	96.1	97.9	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2648

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

JULI

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ .5	≥ 10	≥ .5	≥ 0
NO CEILING	9.9	22.9	29.3	37.1	46.8	54.0	60.3	66.6	68.4	69.9	70.3	70.3	70.3	70.4	70.4	70.4
IV 20000	10.1	23.6	30.1	38.0	47.8	55.3	62.0	68.4	70.2	71.7	72.1	72.1	72.1	72.1	72.1	72.2
IV 18000	10.1	23.6	30.1	38.1	48.0	55.4	62.1	68.6	70.4	71.9	72.3	72.3	72.3	72.4	72.4	72.4
IV 16000	10.1	23.6	30.1	38.1	48.0	55.5	62.2	68.7	70.5	72.0	72.3	72.3	72.3	72.4	72.4	72.4
IV 14000	10.2	23.7	30.3	38.4	48.3	55.7	62.5	69.1	70.9	72.4	72.8	72.8	72.8	72.8	72.8	72.9
IV 12000	10.3	23.9	30.6	38.6	48.6	56.1	62.9	69.7	71.6	73.1	73.5	73.5	73.5	73.5	73.5	73.6
IV 10000	10.3	23.9	30.6	38.6	48.7	56.1	63.0	69.8	71.6	73.1	73.5	73.5	73.5	73.6	73.6	73.6
IV 9000	10.3	23.9	30.6	38.7	48.8	56.2	63.0	69.8	71.7	73.2	73.6	73.6	73.6	73.6	73.6	73.7
IV 8000	10.3	23.9	30.6	38.7	48.8	56.3	63.1	69.9	71.8	73.3	73.7	73.7	73.7	73.8	73.8	73.8
IV 7000	10.3	23.9	30.7	38.7	48.8	56.3	63.2	70.0	71.9	73.4	73.7	73.7	73.7	73.8	73.8	73.8
IV 6000	10.4	24.2	30.9	39.0	49.1	56.6	63.4	70.2	72.1	73.6	74.0	74.0	74.0	74.1	74.1	74.1
IV 5000	10.9	24.8	31.6	39.7	49.7	57.3	64.1	70.9	72.8	74.3	74.7	74.7	74.7	74.7	74.7	74.8
IV 4500	11.2	25.2	31.9	40.0	50.1	57.6	64.5	71.3	73.2	74.7	75.0	75.0	75.0	75.1	75.1	75.2
IV 4000	11.6	25.7	32.6	40.8	50.9	58.4	65.3	72.1	74.0	75.5	75.8	75.8	75.8	75.9	75.9	75.9
IV 3500	12.0	26.5	33.5	42.1	52.3	59.9	66.7	73.6	75.5	77.0	77.3	77.3	77.3	77.4	77.4	77.4
IV 3000	12.4	27.4	34.9	43.8	54.4	62.0	68.9	75.7	77.6	79.1	79.5	79.5	79.5	79.5	79.5	79.6
IV 2500	12.9	28.4	36.6	45.9	57.3	65.4	72.5	79.4	81.3	82.8	83.1	83.1	83.1	83.2	83.2	83.3
IV 2000	13.2	29.6	38.1	48.1	60.2	69.0	76.7	84.0	85.8	87.3	87.7	87.7	87.7	87.8	87.8	87.9
IV 1800	13.3	29.9	38.5	48.6	60.8	69.8	77.7	85.1	87.0	88.6	88.9	88.9	88.9	89.0	89.0	89.1
IV 1500	13.3	29.9	38.7	49.3	62.0	71.5	79.9	88.0	89.9	91.5	91.8	91.8	91.9	92.0	92.0	92.0
IV 1200	13.3	30.0	38.8	49.6	62.8	72.7	82.1	90.9	93.1	94.7	95.2	95.2	95.2	95.3	95.3	95.4
IV 1000	13.3	30.1	38.9	49.7	63.2	73.2	83.0	92.6	94.9	96.9	97.5	97.5	97.5	97.6	97.6	97.7
IV 900	13.3	30.1	38.9	49.7	63.2	73.3	83.2	92.9	95.4	97.4	98.1	98.1	98.1	98.2	98.2	98.3
IV 800	13.3	30.1	38.9	49.8	63.3	73.5	83.5	93.4	95.8	98.1	98.9	98.9	98.9	99.0	99.0	99.1
IV 700	13.3	30.1	38.9	49.8	63.4	73.6	83.6	93.6	96.1	98.4	99.3	99.3	99.4	99.4	99.4	99.5
IV 600	13.3	30.1	39.0	49.8	63.4	73.7	83.8	93.8	96.3	98.6	99.5	99.5	99.6	99.7	99.7	99.8
IV 500	13.3	30.1	39.0	49.8	63.4	73.7	83.8	93.8	96.4	98.7	99.6	99.7	99.7	99.8	99.8	99.9
IV 400	13.3	30.1	39.0	49.8	63.4	73.8	83.9	93.9	96.5	98.8	99.7	99.7	99.8	99.9	99.9	100.0
IV 300	13.3	30.1	39.0	49.8	63.4	73.8	83.9	93.9	96.5	98.8	99.7	99.8	99.8	99.9	99.9	100.0
IV 200	13.3	30.1	39.0	49.8	63.4	73.8	83.9	93.9	96.5	98.8	99.7	99.8	99.8	99.9	99.9	100.0
IV 100	13.3	30.1	39.0	49.8	63.4	73.8	83.9	93.9	96.5	98.8	99.7	99.8	99.8	99.9	99.9	100.0
IV 0	13.3	30.1	39.0	49.8	63.4	73.8	83.9	93.9	96.5	98.8	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2648

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION MCRTEN AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	≥0
NO CEILING	20.6	41.1	50.6	60.9	70.6	73.4	79.3	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	21.1	42.1	51.8	62.6	72.6	77.7	81.7	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV ≥ 18000	21.1	42.1	51.9	62.7	72.7	77.9	81.9	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 16000	21.1	42.1	51.9	62.7	72.7	77.9	81.9	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV ≥ 14000	21.4	42.4	52.2	63.1	73.2	78.3	82.3	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 12000	21.7	43.0	52.9	63.9	74.2	79.5	83.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV ≥ 10000	21.7	43.1	53.0	64.0	74.3	79.7	83.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 9000	21.7	43.1	53.0	64.0	74.3	79.7	83.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV ≥ 8000	21.7	43.2	53.1	64.0	74.4	79.8	83.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 7000	21.8	43.2	53.1	64.1	74.4	79.8	83.9	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV ≥ 6000	21.9	43.3	53.3	64.2	74.6	79.9	84.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 5000	22.5	44.3	54.2	65.1	75.5	80.8	84.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV ≥ 4500	23.0	45.0	55.0	65.9	76.3	81.7	85.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4000	23.2	45.9	56.0	67.1	77.6	82.9	87.1	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV ≥ 3500	23.5	46.9	57.1	68.4	79.2	84.5	88.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3000	23.8	47.8	58.4	70.1	81.3	86.7	90.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV ≥ 2500	24.0	48.5	59.3	71.4	82.7	88.2	92.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	24.2	49.3	60.3	72.5	84.0	89.6	94.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV ≥ 1800	24.2	49.4	60.5	72.7	84.2	90.2	94.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	24.2	49.5	60.6	72.9	84.7	90.7	95.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV ≥ 1200	24.2	49.5	60.6	72.9	84.7	91.0	95.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	24.2	49.5	60.6	72.9	84.8	91.0	95.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 900	24.2	49.5	60.6	72.9	84.8	91.0	95.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 700	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 500	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	24.2	49.5	60.6	72.9	84.8	91.1	96.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2653



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING FEET	VISIBILITY /STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.0
NO CEILING	17.9	43.7	56.0	70.0	79.4	83.2	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 20000	18.4	45.0	57.8	72.0	81.8	85.6	88.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	18.4	45.0	57.8	72.0	81.9	85.7	88.3	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	18.4	45.1	57.8	72.1	81.9	85.7	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 14000	18.5	45.3	58.1	72.5	82.5	86.3	89.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 12000	18.7	45.7	58.6	73.1	83.5	87.3	90.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	18.9	45.9	58.8	73.3	83.7	87.6	90.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 9000	18.9	45.9	58.8	73.3	83.8	87.6	90.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 8000	19.0	46.0	58.9	73.4	83.8	87.6	90.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	19.0	46.0	58.9	73.4	83.8	87.7	90.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 6000	19.0	46.0	58.9	73.4	83.8	87.7	90.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 5000	19.4	46.8	59.7	74.2	84.7	88.5	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4500	19.6	47.4	60.2	74.8	85.2	89.1	91.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 4000	19.9	47.9	60.9	75.5	86.0	89.9	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3500	20.1	48.6	61.6	76.4	87.2	91.1	94.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3000	20.4	49.3	62.5	77.5	88.3	92.3	95.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	20.6	49.8	63.2	78.6	89.4	93.3	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	20.8	50.2	63.6	79.2	90.5	94.6	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	20.8	50.2	63.6	79.2	90.5	95.0	98.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	20.8	50.3	63.7	79.2	90.5	95.3	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	20.8	50.3	63.7	79.2	90.5	95.3	98.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	20.8	50.3	63.7	79.2	90.5	95.4	98.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS ... 2654

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/IAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.4	≥.2	≥.16	≥.1	≥0
NO CEILING	14.7	39.3	50.2	64.7	77.7	82.6	85.4	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 20000	14.8	39.6	50.7	65.5	78.8	84.7	86.8	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 18000	14.8	39.6	50.7	65.5	78.8	84.7	86.8	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 16000	14.8	39.7	50.8	65.7	79.0	84.2	87.1	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 14000	14.9	39.8	51.0	65.9	79.3	84.4	87.4	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 12000	14.9	39.9	51.1	66.1	79.5	84.7	87.7	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 10000	15.0	40.0	51.2	66.3	79.7	84.9	87.9	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 9000	15.0	40.0	51.2	66.3	79.7	84.9	87.9	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 8000	15.0	40.0	51.2	66.3	79.7	84.9	88.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 7000	15.1	40.1	51.3	66.4	79.9	85.1	88.2	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 6000	15.1	40.3	51.5	66.6	80.1	85.2	88.4	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000	15.3	40.8	52.1	67.2	80.6	85.8	89.0	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	15.4	41.4	52.7	67.8	81.2	86.4	89.6	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4000	15.7	42.2	53.5	68.7	82.2	87.4	90.5	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500	16.0	43.2	54.6	70.1	83.6	88.9	92.1	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	16.5	44.2	55.8	71.3	85.1	90.4	93.7	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	16.6	44.9	56.6	72.4	86.2	91.5	94.9	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	16.8	45.6	57.3	73.4	87.6	93.1	96.5	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	16.8	45.8	57.5	73.6	88.0	93.5	96.9	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	16.8	45.8	57.5	73.8	88.4	94.0	97.5	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	16.8	45.8	57.5	73.8	88.5	94.2	97.8	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	16.8	45.8	57.5	73.8	88.5	94.2	97.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	16.8	45.8	57.5	73.8	88.5	94.2	97.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	16.8	45.8	57.5	73.8	88.6	94.3	97.9	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	16.8	45.8	57.5	73.8	88.6	94.3	98.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2649

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 23122 MIRTON AFB CALIF/SAN BERNARDINO YEAR: 43-72 MONTH: JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING	15.0	39.7	53.1	68.3	76.8	78.7	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	15.1	39.9	53.3	68.9	77.6	79.5	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 18000	15.1	39.9	53.4	68.9	77.6	79.6	81.3	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 16000	15.1	39.9	53.4	69.1	77.8	79.7	81.5	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 14000	15.1	40.0	53.5	69.1	77.8	79.8	81.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV 12000	15.1	40.0	53.5	69.2	77.9	79.8	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4
IV 10000	15.1	40.1	53.6	69.3	78.0	79.9	81.7	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 9000	15.1	40.2	53.7	69.3	78.0	80.0	81.8	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 8000	15.1	40.2	53.7	69.4	78.1	80.1	81.9	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 7000	15.3	40.4	53.9	69.6	78.3	80.3	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 6000	15.3	40.5	54.0	69.7	78.4	80.4	82.2	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0
IV 5000	15.3	40.7	54.2	69.9	78.6	80.6	82.4	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	15.5	41.1	54.6	70.4	79.1	81.1	82.9	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
IV 4000	15.8	41.7	55.2	71.1	79.9	81.9	83.6	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500	16.1	42.5	56.1	72.1	81.0	83.0	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
IV 3000	16.3	43.5	57.4	73.6	82.5	84.6	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2
IV 2500	17.0	44.6	58.7	75.0	84.0	86.1	87.9	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	17.3	46.2	60.6	77.4	87.2	89.3	91.2	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1800	17.5	46.5	61.0	78.1	88.2	90.4	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2
IV 1500	17.7	47.4	62.3	80.0	90.9	93.3	95.4	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	17.7	47.6	62.7	80.7	92.2	94.8	97.0	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	17.7	47.7	62.7	80.8	92.8	95.4	97.6	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 900	17.7	47.7	62.8	81.0	92.9	95.6	97.9	98.9	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 800	17.7	47.7	62.8	81.0	93.0	95.7	98.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	17.7	47.7	62.8	81.0	93.1	95.7	98.1	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	17.7	47.7	62.8	81.0	93.1	95.9	98.2	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	17.7	47.7	62.8	81.0	93.1	95.9	98.3	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 400	17.7	47.7	62.8	81.0	93.1	95.9	98.3	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 300	17.7	47.7	62.8	81.0	93.1	95.9	98.3	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 200	17.7	47.7	62.8	81.0	93.1	95.9	98.3	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	17.7	47.7	62.8	81.0	93.1	95.9	98.3	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	17.7	47.7	62.8	81.0	93.1	95.9	98.3	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2652

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

MURTON AFB CALIF/SAN BERNARDINO

43-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LT ST.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.16	≥.1	≥0
NO CEILING	18.7	49.5	59.4	72.7	82.3	84.1	88.4	89.3	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.1
IV 20000	19.0	50.2	60.5	73.9	83.5	85.4	89.7	90.6	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3
IV 18000	19.0	50.2	60.5	73.9	83.5	85.5	89.8	90.7	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4
IV 16000	19.1	50.3	60.7	74.3	83.9	85.9	90.2	91.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 14000	19.2	50.9	61.4	75.2	84.8	86.8	91.2	92.2	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9
IV 12000	19.4	51.9	62.3	76.2	86.2	88.2	92.8	93.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5
IV 10000	19.5	52.2	62.7	76.6	86.8	88.9	93.7	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.4
IV 9000	19.5	52.3	62.7	76.6	86.8	89.0	93.7	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4
IV 8000	19.6	52.4	62.8	76.8	87.1	89.2	94.0	94.9	95.2	95.6	95.7	95.7	95.7	95.7	95.8	95.8
IV 7000	19.6	52.4	62.9	76.8	87.1	89.2	94.0	95.0	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8
IV 6000	19.6	52.5	63.0	76.9	87.2	89.4	94.1	95.1	95.3	95.7	95.9	95.9	95.9	95.9	95.9	96.0
IV 5000	19.6	52.5	63.0	77.0	87.3	89.4	94.1	95.1	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
IV 4500	19.6	52.5	63.0	77.0	87.3	89.4	94.1	95.1	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
IV 4000	19.6	52.5	63.0	77.0	87.3	89.4	94.1	95.1	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
IV 3500	19.6	52.5	63.0	77.0	87.3	89.4	94.1	95.1	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
IV 3000	19.6	52.5	63.0	77.0	87.3	89.4	94.1	95.1	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
IV 2500	19.6	52.5	63.0	77.0	87.4	89.5	94.2	95.2	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.1
IV 2000	19.7	52.6	63.2	77.2	87.5	89.7	94.4	95.4	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	19.7	52.7	63.3	77.3	87.6	89.8	94.6	95.6	95.9	96.3	96.4	96.4	96.4	96.4	96.5	96.5
IV 1500	19.7	52.8	63.3	77.6	88.2	90.3	95.2	96.2	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.1
IV 1200	19.7	52.8	63.4	77.7	88.6	90.7	95.6	96.6	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.5
IV 1000	19.7	52.8	63.4	77.7	88.9	91.1	96.1	97.0	97.3	97.7	97.9	97.9	97.9	97.9	97.9	98.0
IV 900	19.7	52.9	63.4	78.0	89.3	91.3	96.5	97.5	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	19.7	52.9	63.4	78.0	89.4	91.6	96.8	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.8
IV 700	19.7	52.9	63.5	78.1	89.5	91.7	97.0	98.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.1
IV 600	19.7	52.9	63.6	78.1	89.5	91.8	97.2	98.3	98.5	99.0	99.1	99.1	99.1	99.1	99.2	99.2
IV 500	19.7	52.9	63.6	78.2	89.6	91.8	97.2	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 400	19.7	52.9	63.6	78.2	89.6	91.8	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.4
IV 300	19.7	52.9	63.6	78.2	89.6	91.8	97.3	98.4	98.7	99.2	99.4	99.4	99.4	99.4	99.5	99.5
IV 200	19.7	52.9	63.6	78.2	89.6	91.8	97.3	98.4	98.7	99.3	99.5	99.5	99.5	99.6	99.6	99.6
IV 100	19.7	52.9	63.6	78.2	89.6	91.8	97.3	98.4	98.7	99.3	99.5	99.5	99.6	99.6	99.7	99.7
IV 0	19.7	52.9	63.6	78.2	89.6	91.8	97.3	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2744

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTON AFB CALIF/SAN BERNARDINO

43-72

JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	
NO CEILING	17.2	37.7	46.8	56.2	66.3	69.3	76.5	78.5	79.1	80.0	80.1	80.2	80.2	80.3	80.3	80.5
IV 20000	17.6	38.4	47.9	57.4	67.7	70.7	78.1	80.1	80.8	81.6	81.8	81.9	81.9	81.9	82.0	82.2
IV 18000	17.6	38.5	47.9	57.5	67.7	70.8	78.2	80.2	80.9	81.7	81.9	82.0	82.0	82.1	82.1	82.3
IV 16000	17.6	38.6	48.2	57.9	68.3	71.4	78.9	80.9	81.6	82.4	82.6	82.7	82.7	82.7	82.8	83.0
IV 14000	17.7	38.9	48.6	58.4	69.0	72.2	79.8	81.8	82.5	83.3	83.6	83.6	83.6	83.7	83.7	83.9
IV 12000	18.0	40.1	50.1	60.0	71.1	74.4	82.2	84.4	85.1	86.0	86.2	86.3	86.3	86.3	86.4	86.6
IV 10000	18.2	40.4	50.6	60.5	71.6	74.9	83.0	85.3	86.0	86.9	87.1	87.2	87.2	87.3	87.3	87.5
IV 9000	18.4	40.7	50.8	60.8	71.9	75.1	83.3	85.5	86.2	87.1	87.4	87.4	87.5	87.5	87.6	87.8
IV 8000	18.4	40.7	50.9	60.9	72.2	75.5	83.7	86.0	86.7	87.7	88.0	88.0	88.1	88.1	88.2	88.4
IV 7000	18.4	40.7	50.9	61.0	72.2	75.5	83.8	86.0	86.7	87.8	88.0	88.1	88.1	88.1	88.2	88.4
IV 6000	18.4	40.8	51.0	61.0	72.3	75.6	83.8	86.1	86.8	87.8	88.1	88.1	88.2	88.2	88.3	88.5
IV 5000	18.4	40.8	51.0	61.0	72.3	75.6	83.9	86.2	86.9	87.9	88.2	88.2	88.2	88.3	88.4	88.6
IV 4500	18.4	40.8	51.0	61.0	72.3	75.6	83.9	86.2	86.9	87.9	88.2	88.2	88.2	88.3	88.4	88.6
IV 4000	18.4	40.8	51.0	61.0	72.3	75.6	83.9	86.2	86.9	87.9	88.2	88.2	88.2	88.3	88.4	88.6
IV 3500	18.4	40.8	51.0	61.0	72.3	75.6	83.9	86.2	86.9	87.9	88.2	88.2	88.3	88.4	88.6	88.6
IV 3000	18.4	40.8	51.0	61.0	72.3	75.6	83.9	86.2	86.9	87.9	88.2	88.2	88.3	88.4	88.6	88.6
IV 2500	18.4	40.8	51.0	61.1	72.4	75.7	84.0	86.3	87.0	88.0	88.3	88.3	88.4	88.4	88.5	88.7
IV 2000	18.4	41.0	51.2	61.2	72.6	76.0	84.4	86.7	87.4	88.4	88.7	88.7	88.8	88.8	88.9	89.1
IV 1800	18.4	41.0	51.3	61.4	72.8	76.2	84.6	86.9	87.7	88.7	88.9	89.0	89.0	89.0	89.1	89.3
IV 1500	18.4	41.1	51.4	61.6	73.1	76.5	84.9	87.3	88.1	89.1	89.3	89.4	89.4	89.5	89.5	89.7
IV 1200	18.4	41.1	51.5	61.8	73.5	77.0	85.6	88.1	88.8	89.8	90.1	90.1	90.1	90.2	90.3	90.5
IV 1000	18.4	41.2	51.6	61.9	73.7	77.3	86.2	88.7	89.4	90.6	90.8	90.9	90.9	91.0	91.0	91.2
IV 900	18.4	41.2	51.6	62.0	73.9	77.5	86.4	89.0	89.7	90.9	91.2	91.2	91.3	91.3	91.4	91.6
IV 800	18.4	41.3	51.8	62.2	74.2	77.8	87.0	89.7	90.5	91.8	92.1	92.1	92.2	92.2	92.3	92.6
IV 700	18.4	41.3	51.8	62.2	74.3	78.0	87.5	90.5	91.4	92.8	93.1	93.2	93.2	93.3	93.4	93.6
IV 600	18.4	41.4	51.9	62.3	74.4	78.3	88.1	91.2	92.1	93.6	94.0	94.0	94.1	94.2	94.3	94.5
IV 500	18.4	41.4	51.9	62.3	74.6	78.4	88.6	91.6	92.7	94.3	94.7	94.8	94.9	95.0	95.2	95.4
IV 400	18.4	41.4	51.9	62.3	74.6	78.5	88.8	91.9	93.0	94.8	95.4	95.5	95.5	95.8	96.0	96.2
IV 300	18.4	41.4	51.9	62.4	74.7	78.5	88.9	92.0	93.0	95.1	95.7	95.8	96.2	96.3	96.5	96.7
IV 200	18.4	41.4	51.9	62.4	74.7	78.5	88.9	92.1	93.1	95.3	96.0	96.0	96.6	96.8	97.1	97.4
IV 100	18.4	41.4	51.9	62.4	74.7	78.5	88.9	92.1	93.1	95.4	96.2	96.3	96.9	97.2	97.5	97.8
IV 0	18.4	41.4	51.9	62.4	74.7	78.5	88.9	92.1	93.1	95.5	96.3	96.3	97.0	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2730

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

HORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	11.2	23.6	30.5	39.9	51.0	57.9	66.1	71.9	73.6	75.7	76.4	76.4	76.7	76.7	76.8	76.8
IV 20000	11.4	23.8	30.7	40.6	52.1	59.1	67.5	73.5	75.3	77.5	78.2	78.2	78.5	78.5	78.6	78.6
IV 18000	11.5	23.9	30.9	40.7	52.2	59.2	67.7	73.7	75.4	77.6	78.3	78.3	78.7	78.7	78.8	78.8
IV 16000	11.6	24.3	31.5	41.4	53.0	60.1	68.6	74.6	76.4	78.6	79.3	79.3	79.6	79.6	79.7	79.7
IV 14000	11.8	24.7	32.1	42.2	54.1	61.3	70.0	76.1	77.8	80.1	80.8	80.8	81.1	81.2	81.3	81.3
IV 12000	12.0	25.0	32.6	43.3	55.9	63.4	72.3	78.8	80.5	82.9	83.5	83.5	84.0	84.0	84.1	84.2
IV 10000	12.3	25.5	33.2	43.9	56.8	64.4	73.7	80.4	82.2	84.5	85.2	85.2	85.7	85.7	85.8	85.9
IV 9000	12.4	25.6	33.3	44.0	56.9	64.5	73.8	80.5	82.3	84.6	85.3	85.3	85.8	85.8	85.9	86.0
IV 8000	12.4	25.7	33.5	44.1	57.2	64.8	74.2	81.0	82.9	85.3	86.0	86.0	86.5	86.5	86.6	86.7
IV 7000	12.4	25.7	33.5	44.2	57.2	64.9	74.3	81.1	83.0	85.3	86.1	86.1	86.5	86.6	86.7	86.7
IV 6000	12.4	25.8	33.6	44.3	57.3	65.0	74.4	81.2	83.1	85.5	86.2	86.2	86.7	86.7	86.8	86.8
IV 5000	12.5	25.8	33.7	44.3	57.4	65.0	74.5	81.3	83.2	85.6	86.3	86.3	86.7	86.8	86.9	86.9
IV 4500	12.5	25.8	33.7	44.3	57.4	65.0	74.5	81.3	83.2	85.6	86.3	86.3	86.7	86.8	86.9	86.9
IV 4000	12.5	25.8	33.7	44.3	57.4	65.0	74.5	81.3	83.2	85.6	86.3	86.3	86.7	86.8	86.9	86.9
IV 3500	12.5	25.9	33.8	44.4	57.5	65.2	74.6	81.4	83.3	85.7	86.4	86.4	86.9	87.0	87.1	87.1
IV 3000	12.5	25.9	33.9	44.6	57.6	65.3	74.8	81.6	83.5	85.9	86.6	86.6	87.1	87.1	87.2	87.2
IV 2500	12.5	25.9	33.9	44.6	57.7	65.4	74.9	81.6	83.5	85.9	86.7	86.7	87.1	87.2	87.3	87.3
IV 2000	12.5	26.0	34.0	44.7	57.9	65.6	75.1	81.9	83.8	86.1	86.9	86.9	87.4	87.4	87.5	87.5
IV 1800	12.5	26.1	34.0	44.7	58.0	65.7	75.2	82.0	83.9	86.3	87.0	87.0	87.5	87.5	87.7	87.7
IV 1500	12.5	26.1	34.0	44.8	58.1	65.9	75.6	82.5	84.4	86.8	87.5	87.5	88.0	88.1	88.2	88.2
IV 1200	12.5	26.1	34.0	44.8	58.3	66.1	76.0	83.2	85.2	87.7	88.4	88.4	88.9	88.9	89.0	89.0
IV 1000	12.5	26.1	34.0	44.8	58.3	66.2	76.5	84.0	86.1	89.0	89.8	89.8	90.3	90.3	90.4	90.4
IV 900	12.5	26.1	34.0	44.9	58.4	66.3	76.8	84.5	86.8	89.8	90.7	90.7	91.1	91.2	91.3	91.3
IV 800	12.5	26.1	34.0	44.9	58.5	66.4	77.0	84.8	87.3	90.4	91.4	91.4	92.1	92.1	92.2	92.3
IV 700	12.5	26.1	34.0	44.9	58.5	66.5	77.2	85.3	87.9	91.4	92.6	92.6	93.4	93.4	93.5	93.6
IV 600	12.5	26.1	34.0	44.9	58.5	66.5	77.3	85.7	88.3	92.1	93.7	93.8	94.5	94.6	94.7	94.8
IV 500	12.5	26.1	34.0	44.9	58.6	66.5	77.4	85.9	88.6	92.9	94.8	94.8	95.8	95.8	96.0	96.1
IV 400	12.5	26.1	34.0	44.9	58.6	66.6	77.4	86.0	88.8	93.3	95.4	95.5	96.6	96.7	96.9	97.0
IV 300	12.5	26.1	34.0	44.9	58.6	66.6	77.4	86.1	88.9	93.5	95.6	95.7	97.0	97.1	97.4	97.6
IV 200	12.5	26.1	34.0	44.9	58.6	66.6	77.4	86.1	88.9	93.5	95.9	96.1	97.5	97.8	98.2	98.5
IV 100	12.5	26.1	34.0	44.9	58.6	66.6	77.4	86.1	88.9	93.5	96.0	96.2	97.7	98.0	98.5	98.9
IV 0	12.5	26.1	34.0	44.9	58.6	66.6	77.4	86.1	88.9	93.5	96.0	96.2	97.8	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2729

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING IV 20000	13.7	31.2	40.4	51.7	64.4	72.0	80.1	85.8	86.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0
IV 18000	13.8	32.0	41.3	52.9	65.8	73.5	81.9	87.7	88.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1
IV 16000	14.0	32.6	42.2	54.0	66.9	74.7	83.2	89.1	90.3	91.3	91.5	91.5	91.6	91.6	91.6	91.6
IV 14000	14.2	33.0	43.0	54.8	68.3	76.3	84.9	90.8	92.0	93.0	93.3	93.3	93.4	93.4	93.4	93.4
IV 12000	14.4	33.3	43.2	55.3	69.2	77.4	86.5	92.5	93.7	94.7	95.0	95.0	95.1	95.1	95.1	95.1
IV 10000	14.6	33.6	43.6	55.6	69.7	77.9	87.3	93.4	94.7	95.7	96.0	96.0	96.1	96.1	96.1	96.1
IV 9000	14.6	33.6	43.7	55.8	69.9	78.3	87.7	93.9	95.2	96.2	96.5	96.5	96.6	96.6	96.6	96.6
IV 8000	14.6	33.6	43.7	55.9	70.1	78.5	87.9	94.2	95.5	96.6	96.9	96.9	97.0	97.0	97.0	97.0
IV 7000	14.6	33.7	43.8	56.0	70.2	78.6	88.0	94.4	95.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2
IV 6000	14.6	33.8	44.0	56.2	70.4	78.9	88.3	94.6	95.9	97.0	97.4	97.4	97.5	97.5	97.5	97.5
IV 5000	14.6	33.8	44.0	56.2	70.5	78.9	88.3	94.6	95.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5
IV 4500	14.6	33.9	44.1	56.2	70.5	78.9	88.3	94.7	96.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6
IV 4000	14.6	33.9	44.1	56.2	70.5	78.9	88.3	94.7	96.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6
IV 3500	14.6	33.9	44.1	56.3	70.5	79.0	88.4	94.7	96.0	97.2	97.5	97.5	97.7	97.7	97.7	97.7
IV 3000	14.6	33.9	44.2	56.4	70.7	79.2	88.6	94.9	96.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8
IV 2500	14.6	34.0	44.3	56.5	70.9	79.3	88.7	95.1	96.4	97.5	97.9	97.9	98.0	98.0	98.0	98.0
IV 2000	14.6	34.0	44.3	56.6	71.0	79.5	88.9	95.3	96.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2
IV 1800	14.6	34.0	44.3	56.6	71.0	79.5	89.1	95.5	96.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4
IV 1500	14.6	34.0	44.3	56.6	71.1	79.7	89.3	95.8	97.1	98.2	98.6	98.6	98.8	98.8	98.8	98.8
IV 1200	14.6	34.0	44.3	56.6	71.1	79.8	89.6	96.2	97.6	98.8	99.2	99.2	99.3	99.3	99.3	99.3
IV 1000	14.6	34.0	44.3	56.6	71.1	79.8	89.8	96.5	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7
IV 900	14.6	34.0	44.3	56.6	71.1	79.8	89.8	96.5	98.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8
IV 800	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.6	98.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9
IV 700	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 600	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 500	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	14.6	34.0	44.3	56.6	71.1	79.8	89.9	96.7	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS..... 2733

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23172  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	25.9	56.9	66.5	76.6	82.9	85.8	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 20000	26.6	58.8	68.7	79.1	85.8	88.8	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 18000	26.6	58.9	68.8	79.3	86.1	89.1	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 16000	27.0	59.7	69.7	80.3	87.1	90.2	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 14000	27.5	60.7	70.9	81.6	88.8	91.9	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 12000	27.7	61.6	72.0	83.1	90.6	93.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 10000	28.1	62.4	72.9	84.2	91.8	95.2	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 9000	28.2	62.7	73.3	84.6	92.2	95.6	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 8000	28.3	63.0	73.6	85.0	92.6	96.1	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 7000	28.3	63.2	73.8	85.3	93.0	96.4	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 6000	28.3	63.5	74.1	85.6	93.4	96.9	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 5000	28.3	63.7	74.3	85.8	93.7	97.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4500	28.3	63.7	74.3	85.8	93.7	97.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4000	28.3	63.8	74.4	85.9	93.7	97.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 3500	28.4	63.8	74.4	85.9	93.7	97.2	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 3000	28.4	63.8	74.4	86.0	93.8	97.2	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	28.4	63.8	74.4	86.0	93.8	97.2	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	28.4	63.8	74.4	86.0	93.8	97.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	28.4	63.8	74.4	86.0	93.8	97.4	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	28.4	63.8	74.4	86.0	93.9	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2742



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

NORTON AFB CALIF/SAN BERNARDINO

43-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	20.3	56.0	67.2	77.7	84.8	86.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV ≥ 20000	21.1	58.8	70.5	81.5	89.0	90.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV ≥ 18000	21.1	58.9	70.5	81.7	89.1	90.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV ≥ 16000	21.5	59.5	71.3	82.6	90.1	91.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV ≥ 14000	22.0	60.3	72.2	83.9	91.5	93.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV ≥ 12000	22.3	61.3	73.6	85.5	93.3	95.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV ≥ 10000	22.4	62.0	74.5	86.7	94.6	96.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV ≥ 9000	22.6	62.2	74.8	87.1	95.1	96.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV ≥ 8000	22.7	62.3	75.0	87.4	95.3	97.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV ≥ 7000	22.7	62.7	75.4	87.9	95.9	97.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 6000	22.7	62.9	75.6	88.1	96.1	98.0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 5000	22.8	62.9	75.7	88.2	96.2	98.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 4500	22.8	62.9	75.7	88.2	96.2	98.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 4000	22.8	63.0	75.7	88.2	96.2	98.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 3500	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 3000	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 2500	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 2000	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1800	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1500	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1200	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1000	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 900	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 800	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 700	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 600	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 500	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	22.8	63.0	75.8	88.3	96.3	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2736

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDING  
STATION NAME

43-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0	
NO CEILING	20.6	54.5	65.8	78.1	86.8	88.5	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
IV 20000	21.1	56.7	68.4	81.1	89.9	91.7	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
IV 18000	21.1	56.7	68.4	81.1	90.0	91.8	93.6	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
IV 16000	21.2	57.1	68.8	81.5	90.5	92.3	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 14000	21.4	57.5	69.5	82.6	91.6	93.5	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 12000	21.6	58.1	70.4	83.6	92.8	94.9	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 10000	21.8	58.8	71.2	84.7	94.0	96.2	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 9000	21.8	59.0	71.3	84.9	94.3	96.5	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 8000	21.8	59.0	71.4	85.0	94.5	96.6	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 7000	21.8	59.1	71.5	85.1	94.6	96.8	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 6000	21.8	59.1	71.5	85.2	94.7	96.9	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 5000	21.8	59.2	71.6	85.3	94.7	96.9	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4500	21.8	59.2	71.6	85.3	94.7	96.9	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	21.8	59.2	71.6	85.3	94.7	96.9	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	21.8	59.2	71.6	85.3	94.7	96.9	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	21.9	59.3	71.6	85.3	94.8	97.0	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 2500	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 2000	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 1800	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 1500	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 1200	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 1000	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 900	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 800	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 700	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 600	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 500	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	21.9	59.3	71.7	85.3	94.8	97.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2739

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINE  
STATION NAME

43-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.2	59.1	70.3	82.1	89.0	90.4	92.0	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 20000	22.6	60.5	71.9	84.0	91.1	92.5	94.1	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 18000	22.6	60.5	71.9	84.0	91.1	92.6	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 16000	22.6	60.6	72.0	84.1	91.3	92.8	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 14000	22.7	61.2	73.1	85.3	92.5	94.0	95.6	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 12000	22.8	61.9	73.8	86.2	93.7	95.2	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 10000	23.0	62.5	74.3	87.1	94.9	96.5	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 9000	23.0	62.6	74.4	87.2	95.1	96.7	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 8000	23.1	62.7	74.6	87.4	95.3	96.9	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 7000	23.1	62.7	74.7	87.5	95.4	97.0	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 6000	23.1	62.7	74.7	87.5	95.4	97.0	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 5000	23.1	62.8	74.7	87.5	95.4	97.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 4500	23.1	62.8	74.7	87.5	95.4	97.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 4000	23.1	62.8	74.7	87.5	95.4	97.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3500	23.1	62.8	74.7	87.5	95.4	97.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	23.1	62.8	74.7	87.5	95.4	97.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	23.1	62.8	74.7	87.5	95.4	97.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2000	23.1	62.9	74.8	87.6	95.6	97.2	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	23.1	62.9	74.8	87.6	95.7	97.3	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	23.1	63.0	74.9	87.8	95.8	97.4	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	23.1	63.0	75.0	87.8	95.8	97.4	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	23.1	63.0	75.0	87.8	95.9	97.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	23.1	63.0	75.0	87.9	95.9	97.5	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2743

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTH AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	18.7	49.0	57.9	70.3	80.4	82.7	86.4	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 20000	19.0	49.9	48.9	71.5	81.7	84.0	87.7	88.9	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV ≥ 18000	19.0	49.9	58.9	71.5	81.7	84.0	87.7	88.9	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV ≥ 16000	19.1	50.0	59.1	71.8	82.1	84.4	88.1	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV ≥ 14000	19.4	50.8	60.3	73.0	83.5	85.8	89.6	90.8	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV ≥ 12000	19.7	51.5	61.1	74.1	84.7	87.0	90.9	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 10000	19.8	51.9	61.6	74.7	85.3	87.6	91.5	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV ≥ 9000	19.8	52.0	61.6	74.8	85.4	87.7	91.6	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV ≥ 8000	20.1	52.2	61.8	75.1	85.6	88.0	91.9	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV ≥ 7000	20.1	52.2	61.9	75.1	85.7	88.0	91.9	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV ≥ 6000	20.3	52.5	62.1	75.3	85.9	88.3	92.1	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV ≥ 5000	20.3	52.6	62.2	75.4	86.0	88.4	92.2	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV ≥ 4500	20.5	52.7	62.4	75.6	86.2	88.5	92.4	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV ≥ 4000	20.5	52.8	62.5	75.7	86.3	88.6	92.5	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV ≥ 3500	20.6	52.9	62.6	75.8	86.4	88.8	92.6	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥ 3000	20.6	53.0	62.6	75.8	86.4	88.8	92.7	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥ 2500	20.6	53.3	63.0	76.2	86.9	89.3	93.2	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV ≥ 2000	20.6	53.7	63.5	76.9	87.6	90.1	93.9	95.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV ≥ 1800	20.6	54.1	63.9	77.4	88.1	90.7	94.6	95.8	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV ≥ 1500	20.6	54.1	63.9	77.4	88.1	90.7	94.6	95.8	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV ≥ 1200	20.7	54.3	64.2	77.7	88.7	91.3	95.4	96.6	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV ≥ 1000	20.7	54.5	64.4	78.1	89.2	92.0	96.2	97.5	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 900	20.7	54.5	64.4	78.1	89.2	92.1	96.4	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV ≥ 800	20.7	54.5	64.5	78.2	89.3	92.2	96.5	97.8	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV ≥ 700	20.7	54.5	64.5	78.2	89.4	92.3	96.8	98.1	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV ≥ 600	20.7	54.5	64.5	78.2	89.5	92.4	96.9	98.2	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4
IV ≥ 500	20.7	54.6	64.5	78.3	89.5	92.4	96.9	98.3	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 400	20.7	54.6	64.5	78.3	89.5	92.4	96.9	98.4	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 300	20.7	54.6	64.5	78.3	89.6	92.5	97.0	98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 200	20.7	54.6	64.5	78.3	89.6	92.5	97.0	98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 100	20.7	54.6	64.5	78.3	89.6	92.5	97.0	98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 0	20.7	54.6	64.5	78.3	89.6	92.5	97.0	98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS. 2786

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

42-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	18.1	40.8	49.7	58.7	69.5	73.1	78.0	79.9	80.1	80.7	81.0	81.0	81.1	81.1	81.1	81.2
≥ 20000	18.4	51.3	50.3	59.4	70.3	74.0	79.0	80.9	81.1	81.8	82.0	82.0	82.1	82.1	82.2	82.3
IV 18000	18.4	41.3	50.3	59.4	70.3	74.0	79.0	80.9	81.1	81.8	82.0	82.0	82.1	82.1	82.2	82.3
IV 16000	18.4	41.4	50.5	59.7	70.6	74.3	79.3	81.2	81.4	82.1	82.4	82.4	82.4	82.4	82.5	82.6
IV 14000	18.7	42.3	51.7	61.0	72.3	76.0	81.2	83.1	83.3	84.0	84.3	84.3	84.3	84.3	84.4	84.5
IV 12000	19.1	43.4	53.0	62.6	74.0	77.7	83.0	85.0	85.2	85.9	86.2	86.2	86.3	86.3	86.4	86.5
IV 10000	19.2	43.6	53.5	63.0	74.5	78.3	83.5	85.5	85.7	86.4	86.7	86.7	86.8	86.8	86.9	87.0
IV 9000	19.2	43.8	53.6	63.2	74.6	78.4	83.7	85.7	85.8	86.6	86.8	86.8	86.9	86.9	87.0	87.1
IV 8000	19.4	44.0	53.8	63.4	74.9	78.7	84.0	86.0	86.2	86.9	87.2	87.2	87.2	87.2	87.3	87.5
IV 7000	19.4	44.0	53.8	63.5	75.0	78.8	84.0	86.1	86.2	87.0	87.2	87.2	87.3	87.3	87.4	87.5
IV 6000	19.4	44.0	53.8	63.5	75.0	78.8	84.0	86.1	86.2	87.0	87.2	87.2	87.3	87.3	87.4	87.5
IV 5000	19.6	44.2	54.0	63.7	75.2	78.9	84.2	86.2	86.4	87.1	87.4	87.4	87.5	87.5	87.6	87.7
IV 4500	19.6	44.2	54.1	63.7	75.2	79.0	84.3	86.3	86.4	87.2	87.5	87.5	87.5	87.5	87.6	87.7
IV 4000	19.7	44.4	54.2	63.9	75.4	79.2	84.5	86.5	86.6	87.4	87.6	87.6	87.7	87.7	87.8	87.9
IV 3500	19.8	44.5	54.4	64.1	75.6	79.3	84.6	86.6	86.8	87.5	87.8	87.8	87.9	87.9	88.0	88.1
IV 3000	19.8	44.7	54.6	64.3	75.9	79.7	85.0	87.0	87.1	87.9	88.1	88.1	88.2	88.2	88.3	88.4
IV 2500	19.8	44.9	54.9	64.7	76.3	80.1	85.3	87.3	87.5	88.2	88.5	88.5	88.6	88.6	88.7	88.8
IV 2000	19.9	45.3	55.3	65.2	76.9	80.7	86.0	88.0	88.1	88.9	89.1	89.1	89.2	89.2	89.3	89.4
IV 1800	19.9	45.6	55.5	65.5	77.2	81.1	86.4	88.4	88.6	89.3	89.6	89.6	89.6	89.6	89.8	89.9
IV 1500	19.9	45.8	55.9	65.9	77.8	81.7	87.1	89.2	89.3	90.1	90.4	90.4	90.4	90.4	90.5	90.7
IV 1200	19.9	45.9	56.1	66.2	78.5	82.5	88.0	90.1	90.3	91.0	91.3	91.3	91.4	91.4	91.5	91.6
IV 1000	19.9	46.1	56.6	66.8	79.3	83.7	89.4	91.7	91.8	92.8	93.0	93.0	93.1	93.1	93.2	93.3
IV 900	19.9	46.1	56.6	66.8	79.5	83.9	90.2	92.5	92.8	93.7	94.0	94.0	94.1	94.1	94.2	94.3
IV 800	19.9	46.1	56.6	66.8	79.7	84.4	90.7	93.0	93.3	94.3	94.6	94.6	94.6	94.7	94.8	94.9
IV 700	19.9	46.1	56.6	67.0	79.9	84.6	91.2	93.6	94.1	95.2	95.5	95.5	95.6	95.7	95.8	95.9
IV 600	19.9	46.1	56.6	67.0	80.0	84.7	91.3	93.9	94.4	95.5	95.9	95.9	96.0	96.1	96.2	96.3
IV 500	19.9	46.1	56.6	67.0	80.0	84.7	91.6	94.2	94.8	96.2	96.7	96.7	96.9	97.0	97.1	97.2
IV 400	19.9	46.1	56.6	67.0	80.1	84.8	91.7	94.5	95.1	96.6	97.1	97.2	97.5	97.6	97.7	97.8
IV 300	19.9	46.1	56.6	67.0	80.1	84.8	91.8	94.6	95.3	97.1	97.6	97.6	98.0	98.0	98.2	98.3
IV 200	19.9	46.1	56.6	67.0	80.1	84.8	91.8	94.7	95.3	97.2	97.8	97.9	98.4	98.5	98.7	98.8
IV 100	19.9	46.1	56.6	67.0	80.1	84.8	91.8	94.7	95.3	97.3	98.0	98.0	98.6	98.8	99.3	99.4
IV 0	19.9	46.1	56.6	67.0	80.1	84.8	91.8	94.7	95.3	97.3	98.0	98.0	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2782

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥10	≥½	≥0
NO CEILING	14.8	27.5	33.5	42.0	53.0	58.9	67.2	72.6	73.8	75.7	76.2	76.2	76.4	76.5	76.5	76.6
≥ 20000	15.4	28.5	34.0	43.3	54.5	60.7	69.0	74.6	75.8	77.7	78.2	78.2	78.4	78.5	78.6	78.7
IV 18000	15.4	28.5	34.7	43.3	54.5	60.8	69.1	74.7	75.9	77.8	78.3	78.3	78.5	78.6	78.7	78.8
IV 16000	15.6	28.8	35.0	43.7	54.9	61.2	69.6	75.1	76.4	78.3	78.8	78.8	79.0	79.1	79.2	79.2
IV 14000	15.9	29.5	35.9	44.8	56.6	63.0	71.7	77.5	78.8	80.7	81.2	81.2	81.4	81.5	81.6	81.7
IV 12000	16.3	30.4	37.0	46.2	58.4	65.0	73.8	79.7	80.9	82.9	83.4	83.4	83.6	83.7	83.8	83.8
IV 10000	16.4	30.5	37.2	46.5	58.8	65.5	74.5	80.3	81.5	83.5	84.0	84.0	84.2	84.3	84.4	84.5
IV 9000	16.4	30.6	37.2	46.5	58.9	65.6	74.6	80.4	81.6	83.6	84.1	84.2	84.3	84.4	84.5	84.6
IV 8000	16.4	30.7	37.3	46.6	59.0	65.7	74.8	80.8	82.0	84.0	84.5	84.5	84.7	84.8	84.9	85.0
IV 7000	16.5	30.8	37.4	46.7	59.1	65.8	75.0	81.0	82.2	84.2	84.8	84.8	85.0	85.1	85.2	85.2
IV 6000	16.5	30.8	37.4	46.7	59.1	65.8	75.0	81.0	82.2	84.2	84.8	84.8	85.0	85.1	85.2	85.2
IV 5000	16.5	30.8	37.4	46.7	59.1	65.8	75.0	81.0	82.2	84.2	84.8	84.8	85.0	85.1	85.2	85.2
IV 4500	16.6	31.0	37.6	46.9	59.3	66.0	75.2	81.2	82.4	84.4	84.9	85.0	85.2	85.3	85.3	85.4
IV 4000	16.7	31.1	37.8	47.1	59.5	66.2	75.4	81.4	82.6	84.6	85.1	85.2	85.3	85.4	85.5	85.6
IV 3500	16.8	31.2	37.9	47.3	59.6	66.3	75.5	81.5	82.8	84.7	85.3	85.3	85.5	85.6	85.7	85.7
IV 3000	16.9	31.4	38.1	47.5	60.0	66.8	76.0	82.0	83.2	85.2	85.7	85.8	86.0	86.1	86.1	86.2
IV 2500	17.0	31.6	38.3	47.7	60.2	67.0	76.2	82.2	83.5	85.5	86.1	86.1	86.3	86.4	86.5	86.5
IV 2000	17.1	31.9	38.7	48.1	60.7	67.6	76.9	82.9	84.2	86.2	86.7	86.8	87.0	87.1	87.1	87.2
IV 1800	17.1	31.9	38.7	48.1	60.8	67.7	77.1	83.1	84.4	86.5	87.0	87.0	87.2	87.3	87.4	87.5
IV 1500	17.1	32.1	38.9	48.5	61.3	68.4	78.0	84.1	85.4	87.5	88.0	88.1	88.3	88.4	88.4	88.5
IV 1200	17.1	32.2	39.0	48.6	61.5	68.9	79.0	85.3	86.8	88.9	89.4	89.5	89.7	89.8	89.8	89.9
IV 1000	17.1	32.2	39.0	48.6	61.7	69.2	79.5	86.1	87.7	90.0	90.7	90.7	91.1	91.2	91.3	91.3
IV 900	17.1	32.2	39.0	48.6	61.7	69.2	79.5	86.1	87.7	90.0	90.7	90.7	91.1	91.2	91.3	91.3
IV 800	17.1	32.2	39.0	48.6	61.7	69.2	79.5	86.1	87.7	90.0	90.7	90.7	91.1	91.2	91.3	91.3
IV 700	17.1	32.2	39.0	48.6	61.7	69.2	79.5	86.1	87.7	90.0	90.7	90.7	91.1	91.2	91.3	91.3
IV 600	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3
IV 500	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3
IV 400	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3
IV 300	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3
IV 200	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3
IV 100	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3
IV 0	17.1	32.2	39.0	48.6	61.8	69.5	80.4	88.2	90.2	93.3	94.5	94.5	95.0	95.2	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

2783

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MCPTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25-1.0	≥.1	≥0	
NO CEILING	17.3	34.6	41.6	54.1	65.7	73.1	80.5	85.6	86.5	87.4	87.7	87.7	87.8	87.8	87.8	87.8
IV 20000	17.7	35.6	42.7	55.4	67.2	74.9	82.6	87.8	88.6	89.6	89.9	89.9	90.0	90.0	90.0	90.0
IV 18000	17.7	35.6	42.9	55.6	67.4	75.1	82.8	87.9	88.8	89.8	90.1	90.1	90.2	90.2	90.2	90.2
IV 16000	17.9	35.9	43.2	55.9	67.7	75.5	83.2	88.3	89.3	90.3	90.6	90.6	90.6	90.6	90.7	90.7
IV 14000	18.1	36.2	43.6	56.4	68.5	76.4	84.3	89.5	90.5	91.5	91.8	91.8	91.8	91.8	91.9	91.9
IV 12000	18.8	37.3	44.9	57.8	70.1	78.3	86.4	91.6	92.6	93.6	93.9	93.9	93.9	93.9	94.0	94.0
IV 10000	18.9	37.5	45.1	58.1	70.4	78.9	87.1	92.4	93.4	94.3	94.6	94.6	94.7	94.7	94.7	94.7
IV 9000	19.0	37.6	45.3	58.2	70.5	79.1	87.2	92.6	93.5	94.5	94.8	94.8	94.9	94.9	94.9	94.9
IV 8000	19.0	37.6	45.3	58.2	70.6	79.1	87.3	92.7	93.7	94.6	95.0	95.0	95.0	95.0	95.0	95.0
IV 7000	19.2	37.8	45.4	58.4	70.7	79.3	87.6	93.0	94.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4
IV 6000	19.2	37.8	45.4	58.4	70.8	79.3	87.6	93.0	94.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5
IV 5000	19.3	37.9	45.5	58.5	70.9	79.5	87.8	93.1	94.2	95.2	95.6	95.6	95.6	95.6	95.7	95.7
IV 4500	19.4	38.0	45.7	58.7	71.0	79.6	87.9	93.3	94.3	95.3	95.7	95.7	95.8	95.8	95.8	95.8
IV 4000	19.5	38.1	45.8	58.8	71.2	79.7	88.0	93.5	94.5	95.5	95.9	95.9	96.0	96.0	96.0	96.0
IV 3500	19.6	38.3	45.9	58.9	71.3	79.9	88.2	93.6	94.7	95.7	96.1	96.1	96.1	96.1	96.2	96.2
IV 3000	19.6	38.4	46.2	59.2	71.6	80.2	88.5	93.9	95.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	19.7	38.6	46.4	59.5	72.0	80.7	89.0	94.6	95.6	96.6	97.0	97.0	97.1	97.1	97.1	97.1
IV 2000	19.7	38.6	46.4	59.5	72.2	80.9	89.3	94.9	95.9	96.9	97.3	97.3	97.4	97.4	97.4	97.4
IV 1800	19.7	38.6	46.4	59.7	72.4	81.1	89.5	95.3	96.3	97.3	97.7	97.7	97.7	97.7	97.8	97.8
IV 1500	19.8	38.7	46.5	59.7	72.4	81.3	89.8	95.6	96.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2
IV 1700	19.8	38.7	46.5	59.7	72.5	81.4	90.0	96.2	97.2	98.4	98.8	98.8	98.8	98.8	98.9	98.9
IV 1000	19.8	38.7	46.5	59.7	72.5	81.4	90.1	96.3	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1
IV 900	19.8	38.7	46.5	59.7	72.5	81.4	90.1	96.3	97.4	98.7	99.1	99.2	99.2	99.2	99.2	99.2
IV 800	19.8	38.7	46.5	59.7	72.5	81.4	90.1	96.3	97.5	98.9	99.3	99.3	99.4	99.4	99.4	99.4
IV 700	19.8	38.7	46.5	59.7	72.6	81.5	90.1	96.4	97.6	99.0	99.6	99.6	99.6	99.6	99.7	99.7
IV 600	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.1	99.7	99.7	99.8	99.8	99.8	99.8
IV 500	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.2	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	19.8	38.7	46.5	59.7	72.6	81.5	90.2	96.5	97.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2784

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0	
NO CEILING	29.5	61.6	70.2	79.3	85.1	87.0	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 20000	30.5	63.5	72.1	81.4	87.2	89.2	91.1	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
IV 18000	30.6	63.7	72.4	81.8	87.6	89.6	91.5	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 16000	30.8	64.0	72.8	82.2	88.0	90.1	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
IV 14000	31.3	64.9	73.8	83.5	89.5	91.5	93.4	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 12000	31.9	65.9	75.0	84.9	91.1	93.2	95.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
IV 10000	32.0	66.4	75.6	85.7	92.0	94.3	96.4	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 9000	32.1	66.6	75.9	86.1	92.4	94.8	96.9	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 8000	32.2	66.7	76.1	86.2	92.8	95.2	97.3	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 7000	32.3	66.8	76.2	86.4	93.0	95.3	97.5	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7
IV 6000	32.4	66.9	76.3	86.5	93.1	95.5	97.7	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 5000	32.4	67.2	76.6	86.8	93.4	95.8	98.0	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 4500	32.5	67.2	76.7	86.9	93.5	95.8	98.0	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2
≥ 4000	32.5	67.3	76.7	86.9	93.5	95.9	98.1	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
IV 3500	32.5	67.3	76.7	86.9	93.5	95.9	98.1	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 3000	32.5	67.3	76.8	87.0	93.6	95.9	98.1	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.3
IV 2500	32.5	67.4	76.8	87.0	93.7	96.0	98.2	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4
≥ 2000	32.5	67.4	76.8	87.0	93.8	96.2	98.3	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 1800	32.6	67.4	76.8	87.1	93.8	96.2	98.4	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1500	32.7	67.5	76.9	87.2	94.0	96.4	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 1200	32.7	67.5	76.9	87.2	94.0	96.4	98.7	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 1000	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
IV 900	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 800	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 700	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 500	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	32.7	67.5	76.9	87.2	94.0	96.5	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2784



3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	21.8	56.3	66.5	78.5	84.9	87.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 20000	22.8	58.5	69.0	81.3	87.6	90.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 18000	22.8	58.5	69.0	81.4	87.8	90.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 16000	23.1	59.0	69.6	82.1	88.7	91.1	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 14000	23.7	60.1	70.9	83.7	90.5	92.9	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 12000	24.3	61.4	72.6	85.5	92.6	95.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
IV 10000	24.5	62.0	73.4	86.5	93.7	96.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 9000	24.7	62.2	73.6	86.8	94.0	96.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 8000	24.9	62.4	73.8	87.1	94.3	96.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 7000	25.1	62.6	74.1	87.3	94.6	97.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 6000	25.3	63.0	74.5	87.7	95.0	97.6	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 5000	25.3	63.1	74.5	87.7	95.0	97.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 4500	25.4	63.2	74.7	87.9	95.2	97.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4000	25.4	63.2	74.7	87.9	95.2	97.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3500	25.4	63.2	74.7	87.9	95.2	97.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3000	25.5	63.2	74.7	87.9	95.2	97.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2500	25.5	63.2	74.7	87.9	95.3	97.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	25.5	63.2	74.7	88.0	95.3	97.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	25.6	63.3	74.8	88.1	95.4	98.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	25.6	63.3	74.8	88.1	95.5	98.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	25.6	63.3	74.8	88.1	95.5	98.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	25.6	63.3	74.8	88.1	95.5	98.1	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2780

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥½	≥¼	≥0
NO CEILING ≥ 20000	21.3	53.4	64.3	76.7	86.1	88.9	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 18000 IV 16000	22.2	55.1	66.3	79.1	88.6	91.4	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 14000 IV 12000	22.7	56.3	67.6	80.8	90.6	93.4	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 10000 IV 9000	23.2	57.7	69.3	82.8	92.8	95.7	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 8000 IV 7000	23.4	58.0	69.6	83.2	93.2	96.1	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 6000 IV 5000	23.7	58.5	70.0	83.7	93.8	96.7	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4500 IV 4000	23.9	58.7	70.3	83.9	94.0	96.9	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3500 IV 3000	24.0	58.8	70.4	84.1	94.1	97.1	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 2500 IV 2000	24.1	58.9	70.5	84.2	94.2	97.1	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800 IV 1500	24.1	58.9	70.5	84.4	94.5	97.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200 IV 1000	24.1	58.9	70.5	84.4	94.5	97.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900 IV 800	24.1	58.9	70.5	84.4	94.5	97.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700 IV 600	24.1	58.9	70.5	84.4	94.5	97.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500 IV 400	24.1	58.9	70.5	84.4	94.5	97.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 IV 200	24.1	58.9	70.5	84.4	94.5	97.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	24.1	58.9	70.5	84.4	94.5	97.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2784

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURKIN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

CEILING -FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥0
NO CEILING	72.5	56.6	60.6	70.7	87.0	88.9	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 20000	23.1	57.9	68.1	80.3	88.7	90.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 18000	23.1	58.0	68.1	80.4	88.7	90.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 16000	23.4	58.4	68.6	81.0	89.5	91.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 14000	23.7	59.1	69.4	81.9	90.5	92.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 12000	24.1	59.8	70.4	83.2	91.9	93.9	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 10000	24.4	60.4	70.9	83.7	92.5	94.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 9000	24.4	60.5	71.0	83.8	92.6	94.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 8000	24.5	60.5	71.1	83.9	92.7	94.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 7000	24.5	60.6	71.1	84.0	92.7	94.7	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 6000	24.6	60.8	71.4	84.2	93.0	95.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 5000	24.8	60.9	71.5	84.3	93.1	95.1	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 4500	24.8	60.9	71.5	84.3	93.2	95.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	24.8	61.0	71.6	84.6	93.4	95.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3500	24.9	61.0	71.6	84.6	93.4	95.4	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 3000	25.0	61.2	71.8	84.8	93.6	95.6	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2500	25.1	61.4	72.0	85.0	93.9	95.9	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2000	25.2	61.7	72.3	85.3	94.2	96.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	25.3	61.8	72.5	85.7	94.6	96.7	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	25.3	62.0	72.7	85.9	94.9	96.9	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	25.3	62.0	72.7	86.0	95.1	97.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	25.3	62.0	72.7	86.0	95.2	97.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	25.3	62.0	72.7	86.0	95.2	97.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	25.3	62.0	72.7	86.0	95.2	97.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	25.3	62.0	72.7	86.0	95.2	97.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2779

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINE 43-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	21.1	43.3	50.9	60.7	69.8	72.0	76.9	78.9	79.6	80.6	80.8	80.8	80.9	80.9	81.0	81.0
≥ 20000	21.2	43.5	51.1	61.0	70.1	72.3	77.3	79.4	80.1	81.0	81.3	81.3	81.4	81.4	81.4	81.4
IV 18000	21.4	43.8	51.4	61.3	70.4	72.6	77.6	79.7	80.3	81.3	81.5	81.6	81.6	81.6	81.7	81.7
≥ 16000	21.4	43.8	51.4	61.3	70.5	72.6	77.6	79.7	80.4	81.3	81.6	81.6	81.7	81.7	81.8	81.8
IV 14000	21.4	43.9	51.7	61.6	70.8	73.0	77.9	80.0	80.7	81.7	81.9	81.9	82.0	82.0	82.1	82.1
≥ 12000	21.8	44.4	52.2	62.2	71.3	73.6	78.6	80.7	81.4	82.4	82.6	82.6	82.7	82.7	82.8	82.8
IV 10000	22.1	44.9	52.7	62.8	72.0	74.2	79.3	81.4	82.0	83.1	83.3	83.3	83.4	83.4	83.5	83.5
≥ 9000	22.4	45.4	53.2	63.2	72.5	74.7	79.7	81.8	82.5	83.5	83.7	83.8	83.9	83.9	83.9	83.9
IV 8000	22.5	45.4	53.3	63.3	72.6	74.8	79.8	81.9	82.6	83.6	83.8	83.9	83.9	84.0	84.0	84.0
≥ 7000	22.5	45.4	53.3	63.3	72.6	74.8	79.8	81.9	82.6	83.6	83.9	83.9	84.0	84.0	84.1	84.1
IV 6000	22.5	45.6	53.4	63.5	72.9	75.1	80.1	82.3	82.9	83.9	84.2	84.2	84.3	84.3	84.4	84.4
≥ 5000	22.6	45.8	53.6	63.7	73.1	75.3	80.4	82.5	83.2	84.2	84.4	84.5	84.6	84.6	84.6	84.6
IV 4500	22.7	46.0	53.8	63.8	73.3	75.5	80.6	82.7	83.4	84.4	84.6	84.7	84.7	84.7	84.8	84.8
≥ 4000	22.8	46.4	54.2	64.3	73.7	75.9	81.0	83.1	83.8	84.8	85.1	85.1	85.2	85.2	85.2	85.2
IV 3500	22.9	46.9	54.8	64.9	74.3	76.6	81.7	83.8	84.5	85.5	85.7	85.8	85.9	85.9	85.9	85.9
≥ 3000	23.1	47.3	55.2	65.2	74.7	77.0	82.1	84.2	84.9	85.9	86.1	86.2	86.2	86.2	86.3	86.3
IV 2500	23.2	47.8	55.9	66.0	75.6	77.9	83.0	85.1	85.7	86.8	87.0	87.1	87.1	87.1	87.2	87.2
≥ 2000	23.4	48.7	56.9	67.7	77.3	79.6	84.8	86.9	87.6	88.6	88.8	88.9	88.9	88.9	89.0	89.0
IV 1800	23.4	48.9	57.2	68.3	78.2	80.5	85.7	87.9	88.5	89.6	89.8	89.8	89.9	89.9	90.0	90.0
≥ 1500	23.5	49.1	57.7	69.2	79.2	81.6	86.9	89.1	89.7	90.8	91.0	91.0	91.1	91.1	91.2	91.2
IV 1200	23.6	49.4	58.1	70.1	80.2	82.7	88.2	90.4	91.1	92.2	92.4	92.5	92.5	92.5	92.6	92.6
≥ 1000	23.6	49.5	58.5	70.8	81.3	84.0	89.9	92.2	92.9	94.1	94.3	94.4	94.4	94.4	94.5	94.5
IV 900	23.6	49.5	58.5	71.0	81.5	84.3	90.4	92.9	93.6	94.8	95.0	95.1	95.2	95.2	95.2	95.2
≥ 800	23.6	49.5	58.5	71.0	81.6	84.5	90.8	93.5	94.2	95.5	95.7	95.8	95.9	95.9	95.9	95.9
IV 700	23.6	49.5	58.5	71.0	82.1	85.0	91.5	94.4	95.2	96.5	96.8	96.8	96.9	96.9	97.0	97.0
≥ 600	23.6	49.5	58.5	71.1	82.1	85.2	91.9	94.9	95.7	97.2	97.6	97.6	97.7	97.7	97.8	97.8
IV 500	23.7	49.6	58.5	71.2	82.3	85.4	92.2	95.5	96.4	98.3	98.6	98.7	98.8	98.8	98.8	98.8
≥ 400	23.7	49.6	58.5	71.2	82.3	85.4	92.2	95.6	96.6	98.6	98.9	99.0	99.2	99.2	99.2	99.2
IV 300	23.7	49.6	58.5	71.2	82.3	85.4	92.2	95.7	96.6	98.7	99.1	99.2	99.3	99.3	99.4	99.4
≥ 200	23.7	49.6	58.5	71.2	82.4	85.4	92.2	95.7	96.8	99.0	99.4	99.5	99.6	99.6	99.7	99.7
IV 100	23.7	49.6	58.5	71.2	82.4	85.4	92.2	95.7	96.8	99.0	99.4	99.5	99.7	99.7	99.8	99.8
≥ 0	23.7	49.6	58.5	71.2	82.4	85.4	92.2	95.7	96.8	99.0	99.4	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2603

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION: NORTH AFB CALIF/SAN BERNARDINO 43-71 YEARS: \_\_\_\_\_ SEP MONTH: \_\_\_\_\_

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	
NO CEILING	24.9	43.4	49.7	57.3	64.5	66.8	70.4	72.5	72.9	73.8	74.0	74.1	74.2	74.3	74.3	74.4
IV 20000	25.0	43.6	49.9	57.6	64.9	67.1	70.8	73.0	73.4	74.3	74.5	74.5	74.7	74.7	74.8	74.9
IV 18000	25.0	43.6	49.9	57.6	64.9	67.2	70.8	73.0	73.4	74.3	74.5	74.6	74.7	74.8	74.8	74.9
IV 16000	25.0	43.8	50.2	57.9	65.2	67.4	71.1	73.3	73.7	74.6	74.8	74.9	75.0	75.0	75.1	75.2
IV 14000	25.1	44.1	50.6	58.3	65.6	67.9	71.5	73.7	74.1	75.0	75.2	75.3	75.4	75.5	75.5	75.6
IV 12000	25.8	44.9	51.4	59.2	66.7	68.9	72.6	74.8	75.2	76.1	76.4	76.4	76.5	76.6	76.6	76.7
IV 10000	26.1	45.5	52.0	59.8	67.3	69.5	73.2	75.4	75.8	76.7	76.9	77.0	77.1	77.2	77.2	77.3
IV 9000	26.1	45.7	52.2	60.0	67.4	69.8	73.5	75.7	76.0	77.0	77.2	77.2	77.4	77.4	77.5	77.5
IV 8000	26.1	45.9	52.4	60.2	67.7	70.0	73.7	75.9	76.3	77.2	77.4	77.5	77.6	77.7	77.7	77.8
IV 7000	26.3	46.1	52.7	60.5	67.9	70.3	74.0	76.2	76.6	77.5	77.7	77.8	77.9	78.0	78.0	78.1
IV 6000	26.4	46.4	52.9	60.7	68.3	70.7	74.4	76.6	77.0	78.0	78.2	78.2	78.4	78.4	78.5	78.5
IV 5000	26.5	46.6	53.2	61.0	68.6	71.0	74.7	76.9	77.2	78.2	78.5	78.5	78.7	78.7	78.7	78.8
IV 4500	26.5	46.9	53.4	61.2	68.8	71.2	74.9	77.1	77.5	78.5	78.7	78.8	78.9	79.0	79.0	79.1
IV 4000	26.6	47.2	53.7	61.5	69.1	71.6	75.2	77.4	77.8	78.8	79.0	79.1	79.2	79.3	79.3	79.4
IV 3500	26.8	47.7	54.2	62.0	69.6	72.1	75.7	77.9	78.3	79.3	79.5	79.6	79.7	79.8	79.8	79.9
IV 3000	26.9	48.1	54.7	62.5	70.1	72.5	76.2	78.4	78.8	79.8	80.0	80.0	80.2	80.2	80.3	80.3
IV 2500	27.0	48.5	55.2	63.1	70.8	73.2	76.9	79.1	79.5	80.5	80.7	80.8	80.9	81.0	81.0	81.1
IV 2000	27.1	49.3	56.3	65.0	72.7	75.1	78.8	81.1	81.5	82.5	82.7	82.8	82.9	83.0	83.0	83.1
IV 1800	27.1	49.6	56.7	65.8	73.5	75.9	79.9	82.1	82.5	83.5	83.8	83.8	84.0	84.0	84.0	84.1
IV 1500	27.1	49.7	57.0	66.2	74.2	76.7	80.7	83.0	83.4	84.4	84.7	84.7	84.9	85.0	85.0	85.1
IV 1200	27.2	50.0	57.2	66.6	75.0	77.5	81.8	84.2	84.6	85.6	86.0	86.0	86.2	86.2	86.3	86.4
IV 1000	27.2	50.1	57.6	67.1	75.8	78.5	83.1	85.6	86.0	87.1	87.6	87.6	87.8	87.9	87.9	88.0
IV 900	27.2	50.1	57.6	67.1	75.9	78.7	83.6	86.2	86.6	87.9	88.3	88.4	88.6	88.6	88.7	88.8
IV 800	27.2	50.1	57.7	67.2	75.9	78.8	84.0	86.9	87.4	88.8	89.3	89.3	89.5	89.6	89.6	89.7
IV 700	27.2	50.1	57.7	67.4	76.3	79.5	85.1	88.2	88.9	90.3	90.8	90.9	91.2	91.2	91.3	91.4
IV 600	27.2	50.1	57.7	67.5	76.9	80.0	85.6	88.9	89.7	91.3	92.1	92.1	92.4	92.4	92.5	92.6
IV 500	27.2	50.1	57.7	67.5	76.9	80.1	86.0	89.6	90.5	92.7	93.7	93.7	94.0	94.1	94.2	94.3
IV 400	27.3	50.2	57.8	67.6	77.0	80.2	86.3	90.1	91.1	93.4	94.5	94.6	95.0	95.0	95.1	95.2
IV 300	27.3	50.2	57.8	67.6	77.0	80.2	86.4	90.2	91.4	94.3	95.6	95.7	96.2	96.2	96.4	96.5
IV 200	27.3	50.2	57.8	67.6	77.0	80.2	86.4	90.3	91.5	94.6	96.2	96.2	97.0	97.2	97.7	97.8
IV 100	27.3	50.2	57.8	67.6	77.0	80.2	86.4	90.4	91.6	94.8	96.4	96.5	97.5	97.7	98.5	98.6
IV 0	27.3	50.2	57.8	67.6	77.0	80.2	86.4	90.4	91.6	94.8	96.4	96.5	97.5	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2605

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-71  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	26.5	37.9	42.5	48.5	55.1	59.0	63.3	66.7	67.3	68.6	68.8	68.8	69.0	69.0	69.2	69.4
≥ 20000	26.9	38.6	43.4	49.4	56.2	60.1	64.5	67.9	68.5	69.8	70.1	70.1	70.2	70.3	70.5	70.6
IV ≥ 18000	26.9	38.6	43.4	49.4	56.2	60.1	64.5	67.9	68.5	69.8	70.1	70.1	70.2	70.3	70.5	70.6
IV 16000	27.0	38.9	43.7	49.3	56.7	60.6	65.0	68.4	69.0	70.2	70.6	70.6	70.7	70.8	71.0	71.1
IV ≥ 14000	27.5	39.6	44.5	50.6	57.5	61.4	65.9	69.3	69.9	71.2	71.5	71.5	71.6	71.7	71.7	72.0
IV 12000	28.8	41.1	46.1	52.2	59.2	63.1	67.7	71.1	71.7	73.1	73.4	73.4	73.6	73.7	73.9	74.0
IV 10000	29.1	41.6	46.7	52.9	59.8	63.9	68.4	71.9	72.5	73.9	74.2	74.2	74.4	74.5	74.7	74.8
IV 9000	29.2	41.8	46.8	53.0	59.9	64.1	68.6	72.1	72.7	74.1	74.4	74.4	74.6	74.7	74.9	75.0
IV 8000	29.5	42.2	47.3	53.5	60.4	64.6	69.2	72.7	73.3	74.7	75.0	75.0	75.2	75.3	75.5	75.6
IV 7000	29.5	42.3	47.4	53.6	60.6	64.7	69.4	72.8	73.4	74.8	75.2	75.2	75.3	75.4	75.6	75.7
IV 6000	29.6	42.4	47.5	53.6	60.6	64.9	69.5	73.0	73.6	75.0	75.4	75.4	75.6	75.7	75.9	76.0
IV 5000	29.8	42.6	47.9	54.1	61.1	65.3	70.0	73.5	74.1	75.5	75.9	75.9	76.1	76.2	76.4	76.5
IV 4500	29.8	42.9	48.2	54.5	61.4	65.7	70.4	73.8	74.4	75.8	76.3	76.3	76.5	76.5	76.7	76.8
IV 4000	30.0	43.2	48.5	54.8	61.8	66.1	70.8	74.2	74.8	76.3	76.7	76.7	76.9	77.0	77.2	77.3
IV 3500	30.2	43.7	49.0	55.3	62.3	66.6	71.4	74.8	75.4	76.8	77.3	77.3	77.5	77.5	77.7	77.8
IV 3000	30.5	44.2	49.6	55.9	62.9	67.2	72.0	75.5	76.1	77.5	77.9	77.9	78.1	78.2	78.4	78.5
IV 2500	30.7	44.6	50.1	56.5	63.7	68.2	73.0	76.6	77.3	78.7	79.1	79.1	79.3	79.4	79.6	79.7
IV 2000	30.8	45.4	51.2	57.7	65.3	69.9	75.1	79.0	79.8	81.3	81.7	81.7	81.9	82.0	82.1	82.3
IV 1800	30.8	45.6	51.4	58.0	65.9	70.5	75.8	79.8	80.6	82.1	82.6	82.6	82.8	82.8	83.0	83.1
IV 1500	30.9	45.9	51.7	58.3	66.3	71.2	76.9	80.9	81.7	83.2	83.9	83.9	84.1	84.1	84.3	84.4
IV 1200	30.9	45.9	51.7	58.4	66.7	71.9	77.7	82.0	82.8	84.4	85.0	85.0	85.2	85.3	85.5	85.6
IV 1000	30.9	45.9	51.7	58.4	66.7	72.0	78.3	83.1	84.2	85.9	86.7	86.7	86.9	87.0	87.2	87.3
IV 900	30.9	45.9	51.7	58.4	66.9	72.3	78.7	83.6	84.8	86.6	87.6	87.6	87.9	87.9	88.1	88.2
IV 800	30.9	45.9	51.7	58.4	66.9	72.4	78.9	84.3	85.5	87.6	88.7	88.8	89.1	89.1	89.3	89.4
IV 700	30.9	45.9	51.7	58.4	67.0	72.4	79.1	84.6	85.9	88.3	89.6	89.7	90.1	90.2	90.4	90.5
IV 600	30.9	45.9	51.7	58.4	67.1	72.5	79.5	85.2	86.6	89.3	90.0	90.9	91.4	91.6	91.9	92.0
IV 500	30.9	45.9	51.7	58.4	67.1	72.6	79.6	85.6	87.1	89.9	91.8	92.1	92.9	93.0	93.4	93.5
IV 400	30.9	45.9	51.7	58.5	67.2	72.6	79.8	85.9	87.4	90.2	92.4	92.7	93.7	94.0	94.4	94.5
IV 300	30.9	45.9	51.8	58.5	67.2	72.7	79.9	86.1	87.6	90.5	92.9	93.3	94.6	95.0	95.7	95.9
IV 200	30.9	45.9	51.8	58.5	67.2	72.7	79.9	86.1	87.6	90.6	93.0	93.4	95.3	95.9	96.7	97.0
IV 100	30.9	45.9	51.8	58.5	67.2	72.7	79.9	86.1	87.6	90.6	93.1	93.6	95.7	96.5	97.6	98.0
IV 0	30.9	45.9	51.8	58.5	67.2	72.7	79.9	86.1	87.6	90.7	93.2	93.7	95.8	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2604

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINE  
STATION NAME

43-71  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	28.6	43.6	49.3	57.1	63.8	69.1	72.9	77.3	79.1	81.1	81.6	81.6	81.7	81.7	81.7	81.7	81.7
≥ 20000	29.1	44.4	50.2	58.2	64.9	69.4	74.2	78.8	80.6	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2
IVN 18000	29.1	44.4	50.2	58.2	65.0	69.4	74.3	78.9	80.8	82.8	83.2	83.3	83.4	83.4	83.4	83.4	83.4
IVN 16000	29.4	44.9	50.8	58.8	65.5	70.0	74.9	79.5	81.4	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0
IVN 14000	29.7	45.5	51.3	59.5	66.2	70.7	75.7	80.3	82.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVN 12000	30.5	46.3	52.3	60.7	67.4	72.0	77.2	81.8	83.8	85.9	86.3	86.3	86.5	86.5	86.5	86.5	86.5
IVN 10000	30.9	46.9	53.0	61.4	68.3	73.0	78.1	82.8	84.7	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4
IVN 9000	30.9	47.0	53.0	61.5	68.3	73.0	78.2	82.8	84.8	86.8	87.3	87.3	87.5	87.5	87.5	87.5	87.5
IVN 8000	31.0	47.2	53.3	61.8	68.7	73.4	78.5	83.2	85.2	87.2	87.7	87.7	87.8	87.8	87.8	87.8	87.8
IVN 7000	31.1	47.4	53.5	62.0	68.9	73.6	78.7	83.4	85.4	87.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0
IVN 6000	31.3	47.6	53.8	62.3	69.2	73.9	79.1	83.8	85.7	87.8	88.2	88.3	88.4	88.4	88.4	88.4	88.4
IVN 5000	31.5	48.0	54.2	62.7	69.6	74.3	79.5	84.2	86.2	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8
IVN 4500	31.9	48.4	54.7	63.2	70.1	74.8	80.0	84.7	86.7	88.7	89.1	89.2	89.3	89.3	89.3	89.3	89.3
IVN 4000	31.9	48.7	54.9	63.5	70.4	75.2	80.5	85.2	87.1	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8
IVN 3500	32.1	49.0	55.3	63.9	70.9	75.7	81.0	85.7	87.6	89.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3
IVN 3000	32.2	49.3	55.6	64.5	71.6	76.5	81.8	86.5	88.5	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1
IVN 2500	32.3	49.9	56.4	65.1	72.5	77.5	82.8	87.6	89.5	91.6	92.0	92.1	92.2	92.2	92.2	92.2	92.2
IVN 2000	32.4	50.3	57.2	66.2	73.7	78.9	84.5	89.5	91.5	93.7	94.1	94.2	94.3	94.3	94.3	94.3	94.3
IVN 1800	32.5	50.3	57.2	66.4	74.0	79.3	84.9	90.0	92.0	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8
IVN 1500	32.5	50.4	57.3	66.6	74.3	79.9	85.6	90.9	92.9	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.7
IVN 1200	32.5	50.4	57.3	66.7	74.4	80.0	86.0	91.7	93.9	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0
IVN 1000	32.5	50.5	57.4	66.7	74.4	80.1	86.2	92.0	94.5	97.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7
IVN 900	32.5	50.5	57.4	66.8	74.5	80.2	86.3	92.3	94.9	97.5	98.1	98.2	98.4	98.4	98.4	98.4	98.4
IVN 800	32.5	50.5	57.4	66.8	74.5	80.3	86.4	92.5	95.1	97.9	98.5	98.5	98.7	98.7	98.7	98.7	98.7
IVN 700	32.5	50.5	57.4	66.8	74.5	80.3	86.4	92.5	95.1	97.9	98.6	98.7	98.8	98.8	98.8	98.8	98.8
IVN 600	32.5	50.5	57.4	66.8	74.5	80.3	86.4	92.6	95.3	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4
IVN 500	32.5	50.5	57.4	66.8	74.5	80.3	86.4	92.7	95.4	98.4	99.3	99.4	99.6	99.6	99.6	99.6	99.6
IVN 400	32.5	50.5	57.4	66.8	74.5	80.3	86.5	92.8	95.4	98.5	99.4	99.5	99.7	99.7	99.7	99.7	99.7
IVN 300	32.5	50.5	57.4	66.8	74.5	80.3	86.5	92.8	95.4	98.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8
IVN 200	32.5	50.5	57.4	66.8	74.5	80.3	86.5	92.8	95.4	98.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9
IVN 100	32.5	50.5	57.4	66.8	74.5	80.3	86.5	92.8	95.4	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0
IVN 0	32.5	50.5	57.4	66.8	74.5	80.3	86.5	92.8	95.4	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2608

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION NORTON AFB CALIF/SAN BERNARDINE 43-71 YEARS

SEP MONTH  
1200-1400 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥¼	≥0
NO CEILING	37.1	58.7	65.6	72.8	79.1	82.1	85.2	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 20000	38.1	60.3	67.3	74.6	81.1	84.2	87.4	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 18000	38.2	60.5	67.5	74.9	81.4	84.6	87.7	89.7	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 16000	38.6	61.0	68.0	75.5	82.0	85.1	88.2	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 14000	39.0	61.6	68.6	76.1	82.6	85.8	89.0	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 12000	39.3	62.2	69.2	76.7	83.3	86.6	89.8	91.8	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 10000	39.9	62.6	69.7	77.2	83.9	87.3	90.7	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 9000	40.1	62.9	70.0	77.6	84.3	87.7	91.0	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 8000	40.4	63.4	70.6	78.2	84.9	88.3	91.7	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 7000	40.8	63.7	71.0	78.5	85.3	88.7	92.0	94.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 6000	41.2	64.2	71.5	79.0	85.8	89.3	92.6	94.7	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 5000	41.4	64.7	72.0	79.6	86.4	89.9	93.2	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 4500	41.6	65.2	72.5	80.1	86.9	90.3	93.7	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 4000	41.9	65.6	72.9	80.5	87.3	90.8	94.1	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3500	42.2	66.0	73.4	81.1	87.9	91.4	94.8	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	42.3	66.5	73.9	81.7	88.5	92.2	95.5	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	42.3	66.6	74.1	81.9	88.8	92.5	95.9	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	42.3	66.7	74.3	82.1	89.0	92.8	96.3	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	42.3	66.8	74.4	82.2	89.1	92.9	96.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	42.3	66.8	74.4	82.2	89.2	93.0	96.7	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2601



3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 23122 NORTH AFB CALIF/SAN BERNARDINO YEARS 43-72 MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURLY PERCENT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	25.9	51.4	60.4	71.3	81.8	85.0	87.2	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 20000	26.9	52.6	61.8	72.8	83.6	87.0	89.3	90.4	90.6	90.8	90.8	90.9	90.8	90.8	90.8	90.8
IV 18000	26.7	52.8	62.0	73.0	83.8	87.1	89.5	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 16000	27.0	53.2	62.4	73.5	84.3	87.7	90.0	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 14000	27.4	53.8	63.2	74.3	85.2	88.6	90.9	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 12000	28.0	54.4	63.9	75.0	85.9	89.3	91.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 10000	28.8	55.3	64.7	75.9	87.1	90.6	93.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 9000	29.0	55.7	65.1	76.3	87.5	91.0	93.4	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 8000	29.5	56.2	65.7	76.9	88.2	91.8	94.3	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 7000	29.6	56.3	65.7	77.0	88.3	91.9	94.5	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 6000	30.0	56.7	66.2	77.4	88.8	92.4	95.0	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 5000	30.3	57.2	66.8	78.0	89.4	93.0	95.6	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4500	30.5	57.6	67.2	78.4	89.8	93.4	96.0	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 4000	30.6	57.8	67.5	78.8	90.3	93.9	96.4	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 3500	30.8	58.2	67.9	79.3	90.8	94.5	97.0	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	30.8	58.3	68.0	79.5	91.1	94.8	97.4	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 2500	30.8	58.4	68.1	79.5	91.1	94.9	97.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	30.8	58.4	68.1	79.6	91.3	95.1	97.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	30.8	58.4	68.2	79.6	91.3	95.1	97.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	30.8	58.4	68.2	79.6	91.5	95.3	98.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2607

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDING  
STATION NAME

43-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	19.8	46.6	56.4	68.6	78.2	82.5	87.1	89.7	90.3	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 20000	20.3	47.2	57.0	69.5	79.1	83.5	88.2	90.9	91.5	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 18000	20.3	47.2	57.0	69.5	79.1	83.5	88.2	90.9	91.5	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 16000	20.4	47.4	57.1	69.6	79.4	83.8	88.4	91.1	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 14000	20.6	47.6	57.5	70.0	79.7	84.2	88.8	91.5	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 12000	21.0	48.2	58.0	70.6	80.3	84.7	89.4	92.1	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 10000	21.4	48.9	58.7	71.4	81.2	85.6	90.3	93.0	93.7	94.2	94.3	94.3	94.4	94.4	94.4	94.4
IV 9000	21.5	49.0	58.9	71.6	81.3	85.9	90.6	93.3	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 8000	21.5	49.1	59.1	71.8	81.7	86.1	90.8	93.5	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9
IV 7000	21.7	49.3	59.3	72.0	81.9	86.4	91.1	93.8	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 6000	21.8	49.5	59.6	72.3	82.2	86.7	91.4	94.1	94.8	95.4	95.4	95.4	95.5	95.5	95.5	95.5
IV 5000	22.1	50.1	60.2	73.0	83.0	87.5	92.2	94.9	95.6	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV 4500	22.2	50.3	60.4	73.3	83.2	87.8	92.4	95.2	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV 4000	22.4	50.7	61.0	73.8	83.8	88.4	93.1	95.8	96.5	97.0	97.1	97.1	97.2	97.2	97.2	97.2
IV 3500	22.7	51.2	61.6	74.4	84.5	89.1	93.7	96.5	97.2	97.7	97.8	97.8	97.9	97.9	97.9	97.9
IV 3000	22.8	51.7	62.0	74.9	85.0	89.5	94.2	96.9	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	22.9	51.8	62.3	75.2	85.5	90.1	94.8	97.5	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 2000	22.9	51.8	62.3	75.3	85.7	90.3	95.0	97.7	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV 1800	22.9	51.8	62.3	75.3	85.7	90.3	95.0	97.7	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV 1500	22.9	51.9	62.4	75.4	85.8	90.4	95.2	98.0	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 1200	22.9	52.0	62.5	75.5	86.0	90.6	95.5	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	22.9	52.0	62.6	75.6	86.1	90.7	95.6	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	22.9	52.0	62.6	75.6	86.1	90.7	95.7	98.5	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2606

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION: NIRTON AFB CALIF/SAN BERNARDINO 43-72 YEARS: SEP MONTH: 1943

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING /FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01	
NO CEILING	19.8	47.1	57.4	68.4	77.4	79.9	84.4	86.2	86.7	87.4	87.5	87.5	87.6	87.6	87.6	87.6
≥ 20000	20.0	47.4	57.6	68.8	77.9	80.4	85.0	86.7	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2
IV ≥ 18000	20.1	47.4	57.7	68.9	77.9	80.4	85.0	86.8	87.4	88.0	88.2	88.2	88.3	88.3	88.3	88.3
IV ≥ 16000	20.1	47.4	57.7	68.9	77.9	80.4	85.0	86.8	87.4	88.0	88.2	88.2	88.3	88.3	88.3	88.3
IV ≥ 14000	20.2	47.7	58.0	69.2	78.3	80.8	85.4	87.2	87.7	88.4	88.6	88.6	88.7	88.7	88.7	88.7
IV ≥ 12000	20.4	48.0	58.4	69.6	78.7	81.2	85.8	87.6	88.2	88.9	89.0	89.0	89.1	89.1	89.1	89.1
IV ≥ 10000	20.7	48.6	59.0	70.3	79.4	81.9	86.5	88.2	88.8	89.5	89.7	89.7	89.8	89.8	89.8	89.8
IV ≥ 9000	20.9	48.8	59.3	70.6	79.7	82.2	86.8	88.6	89.2	89.9	90.0	90.0	90.1	90.1	90.1	90.1
IV ≥ 8000	21.0	48.8	59.3	70.6	79.8	82.3	86.9	88.7	89.3	90.0	90.1	90.1	90.2	90.2	90.2	90.2
IV ≥ 7000	21.2	49.0	59.5	70.8	80.0	82.5	87.2	89.0	89.6	90.3	90.5	90.5	90.5	90.5	90.5	90.5
IV ≥ 6000	21.2	49.1	59.6	70.9	80.1	82.7	87.4	89.2	89.8	90.5	90.6	90.6	90.7	90.7	90.7	90.7
IV ≥ 5000	21.3	49.5	60.1	71.4	80.6	83.2	87.9	89.7	90.3	91.0	91.1	91.1	91.2	91.2	91.2	91.2
IV ≥ 4500	21.4	49.7	60.3	71.6	80.8	83.4	88.0	89.8	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3
IV ≥ 4000	21.5	50.1	60.7	72.1	81.3	83.9	88.6	90.3	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9
IV ≥ 3500	21.7	50.6	61.4	72.9	82.1	84.7	89.3	91.1	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6
IV ≥ 3000	21.9	51.2	62.2	73.7	83.0	85.6	90.3	92.1	92.7	93.4	93.5	93.5	93.6	93.6	93.6	93.6
IV ≥ 2500	22.3	52.0	63.1	74.7	84.1	86.7	91.4	93.2	93.8	94.5	94.6	94.6	94.7	94.7	94.7	94.7
IV ≥ 2000	22.7	53.1	64.2	76.2	85.8	88.4	93.1	94.8	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.4
IV ≥ 1800	22.7	53.2	64.4	76.5	86.0	88.7	93.3	95.1	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6
IV ≥ 1500	22.7	53.4	64.7	77.0	86.7	89.3	94.1	95.9	96.5	97.2	97.3	97.3	97.4	97.4	97.4	97.4
IV ≥ 1200	22.7	53.6	65.0	77.3	87.3	90.0	94.9	96.7	97.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV ≥ 1000	22.7	53.6	65.0	77.4	87.5	90.1	95.4	97.3	98.0	98.7	98.8	98.8	98.9	98.9	98.9	98.9
IV ≥ 900	22.7	53.6	65.0	77.4	87.5	90.2	95.6	97.5	98.1	98.9	99.0	99.0	99.2	99.2	99.2	99.2
IV ≥ 800	22.7	53.6	65.0	77.4	87.5	90.3	95.8	97.8	98.5	99.2	99.4	99.4	99.5	99.5	99.5	99.5
IV ≥ 700	22.7	53.6	65.0	77.4	87.5	90.3	95.9	98.0	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8
IV ≥ 600	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 500	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 400	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 300	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 200	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 100	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 0	22.7	53.6	65.0	77.4	87.5	90.3	96.0	98.2	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2609

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

ICT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	27.3	42.5	46.4	52.1	58.8	61.5	67.8	70.4	72.1	73.4	74.1	74.2	74.4	74.4	74.4	74.4
≥ 20000	27.8	43.4	47.5	53.4	60.2	63.0	69.4	72.2	73.9	75.2	75.9	76.1	76.2	76.2	76.3	76.3
IV 18000	27.8	43.4	47.3	53.4	60.2	63.0	69.4	72.2	73.9	75.2	76.0	76.1	76.3	76.3	76.3	76.3
IV 16000	27.8	43.4	47.6	53.5	60.3	63.1	69.5	72.3	74.0	75.3	76.1	76.2	76.4	76.4	76.4	76.4
IV 14000	27.8	43.5	47.7	53.5	60.4	63.2	69.7	72.5	74.2	75.7	76.4	76.5	76.7	76.7	76.7	76.7
IV 12000	27.4	43.6	47.8	53.7	60.6	63.5	69.9	72.8	74.5	75.9	76.7	76.8	77.0	77.0	77.0	77.0
IV 10000	28.1	43.9	48.2	54.1	61.0	63.9	70.4	73.5	75.2	76.7	77.4	77.5	77.7	77.7	77.7	77.7
IV 9000	28.1	44.0	48.3	54.2	61.1	64.0	70.6	73.6	73.3	76.8	77.5	77.6	77.8	77.8	77.8	77.8
IV 8000	28.2	44.2	48.7	54.7	61.7	64.6	71.1	74.1	75.9	77.3	78.1	78.2	78.4	78.4	78.4	78.4
IV 7000	28.2	44.3	48.8	54.8	61.8	64.7	71.2	74.2	76.0	77.4	78.2	78.3	78.5	78.5	78.5	78.5
IV 6000	28.4	44.6	49.3	55.3	62.3	65.2	71.7	74.7	76.5	77.9	78.7	78.8	79.0	79.0	79.0	79.0
IV 5000	28.7	45.2	49.9	56.0	63.0	65.9	72.5	75.5	77.2	78.7	79.4	79.5	79.7	79.7	79.8	79.8
IV 4500	28.8	45.5	50.3	56.4	63.5	66.4	72.9	75.9	77.7	79.1	79.9	80.0	80.2	80.2	80.2	80.2
IV 4000	28.9	45.8	50.7	56.9	63.9	66.8	73.4	76.4	78.2	79.6	80.4	80.5	80.7	80.7	80.7	80.7
IV 3500	29.1	46.4	51.2	57.4	64.5	67.4	74.0	77.0	78.7	80.2	80.9	81.0	81.2	81.2	81.3	81.3
IV 3000	29.2	47.0	52.0	58.4	65.5	68.4	75.0	78.0	79.8	81.2	82.0	82.1	82.3	82.3	82.3	82.3
IV 2500	29.3	47.6	53.0	59.6	67.1	70.0	76.6	79.6	81.4	82.8	83.6	83.7	83.9	83.9	84.0	84.0
IV 2000	29.5	48.8	54.5	61.5	69.2	72.2	79.0	82.1	83.9	85.3	86.1	86.2	86.4	86.4	86.4	86.4
IV 1800	29.5	49.0	54.9	62.0	69.8	72.9	79.6	82.8	84.5	86.0	86.9	87.0	87.2	87.2	87.2	87.2
IV 1500	29.7	49.6	55.7	63.6	71.7	74.8	81.8	84.9	86.7	88.2	89.0	89.1	89.3	89.3	89.4	89.4
IV 1200	29.8	49.8	56.2	64.5	73.0	76.2	83.5	86.9	88.7	90.3	91.1	91.2	91.4	91.4	91.4	91.4
IV 1000	29.8	50.1	56.5	65.2	73.8	77.2	84.8	88.3	90.2	91.7	92.6	92.7	93.0	93.0	93.0	93.0
IV 900	29.8	50.1	56.6	65.3	73.9	77.4	85.3	88.9	90.8	92.4	93.3	93.4	93.6	93.6	93.7	93.7
IV 800	29.8	50.1	56.6	65.4	74.2	77.7	85.7	89.5	91.4	93.0	93.9	94.0	94.2	94.2	94.3	94.3
IV 700	29.8	50.1	56.6	65.4	74.3	77.8	86.0	89.9	91.9	93.7	94.6	94.8	95.0	95.0	95.0	95.0
IV 600	29.8	50.1	56.6	65.4	74.3	77.9	86.2	90.3	92.4	94.2	95.2	95.3	95.6	95.6	95.6	95.6
IV 500	29.8	50.1	56.6	65.4	74.3	78.0	86.4	90.7	92.7	94.8	96.0	96.1	96.3	96.3	96.4	96.4
IV 400	29.8	50.1	56.6	65.4	74.3	78.0	86.4	90.8	93.0	95.2	96.5	96.6	97.0	97.0	97.1	97.1
IV 300	29.8	50.1	56.6	65.5	74.4	78.1	86.6	91.0	93.1	95.5	96.9	97.0	97.4	97.5	97.6	97.6
IV 200	29.8	50.1	56.6	65.5	74.4	78.1	86.6	91.0	93.2	95.6	97.1	97.2	97.9	98.0	98.4	98.4
IV 100	29.8	50.1	56.6	65.5	74.4	78.1	86.6	91.0	93.2	95.6	97.2	97.3	98.1	98.2	98.7	99.0
IV 0	29.8	50.1	56.6	65.5	74.4	78.1	86.6	91.0	93.2	95.6	97.2	97.3	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2781

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

29122 STATION NORTON AFB CALIF/SAN BERNARDINO 43-72 YEARS

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING ≥ 20000	32.5	46.6	50.5	55.7	59.8	62.6	66.9	69.2	69.9	70.8	71.3	71.4	71.5	71.5	71.5	71.7
IV 18000	32.9	47.2	51.2	56.5	60.8	63.5	67.9	70.2	70.9	71.9	72.4	72.5	72.5	72.5	72.6	72.8
IV 16000	32.9	47.2	51.3	56.6	60.9	63.7	68.0	70.4	71.2	72.2	72.7	72.8	72.8	72.8	72.9	73.1
IV 14000	33.0	47.4	51.5	56.8	61.3	64.0	68.5	70.8	71.7	72.7	73.2	73.3	73.3	73.3	73.4	73.6
IV 12000	33.2	47.8	51.9	57.3	61.8	64.6	69.2	71.5	72.4	73.4	73.9	73.9	74.0	74.0	74.0	74.3
IV 10000	33.7	48.4	52.5	58.0	62.5	65.3	70.0	72.4	73.3	74.3	74.8	74.8	74.9	74.9	74.9	75.2
IV 9000	33.9	48.6	52.7	58.1	62.6	65.5	70.2	72.6	73.4	74.4	74.9	75.0	75.1	75.1	75.1	75.3
IV 8000	34.0	48.7	53.0	58.4	63.0	65.9	70.5	73.0	73.8	74.8	75.3	75.4	75.4	75.4	75.5	75.7
IV 7000	34.1	48.8	53.1	58.6	63.1	66.0	70.7	73.1	73.9	74.9	75.4	75.5	75.6	75.6	75.6	75.8
IV 6000	34.2	49.2	53.5	59.0	63.5	66.4	71.1	73.5	74.3	75.3	75.8	75.9	76.0	76.0	76.0	76.2
IV 5000	34.5	49.9	54.1	59.6	64.3	67.1	71.8	74.3	75.1	76.1	76.6	76.7	76.7	76.7	76.8	77.0
IV 4500	34.6	50.2	54.4	60.0	64.6	67.5	72.1	74.6	75.4	76.4	76.9	77.0	77.0	77.0	77.1	77.3
IV 4000	34.8	50.6	55.0	60.7	65.3	68.2	72.9	75.3	76.2	77.2	77.7	77.8	77.8	77.8	77.9	78.1
IV 3500	34.9	50.9	55.2	61.1	65.7	68.6	73.3	75.8	76.6	77.6	78.1	78.2	78.2	78.2	78.3	78.5
IV 3000	35.0	51.4	55.8	61.6	66.4	69.2	74.0	76.5	77.4	78.4	78.9	78.9	79.0	79.0	79.0	79.3
IV 2500	35.1	52.1	56.8	62.8	67.8	70.9	75.7	78.2	79.0	80.0	80.5	80.6	80.6	80.6	80.7	80.9
IV 2000	35.1	52.7	58.0	64.1	69.4	72.0	77.7	80.3	81.1	82.1	82.6	82.7	82.7	82.7	82.8	83.0
IV 1800	35.2	53.0	58.2	64.6	70.0	73.5	78.6	81.2	82.0	83.0	83.5	83.6	83.7	83.7	83.7	83.9
IV 1500	35.4	53.6	59.1	66.3	72.0	75.7	80.9	83.6	84.5	85.5	86.0	86.1	86.1	86.1	86.2	86.4
IV 1200	35.4	54.0	59.7	67.2	73.1	76.9	82.6	85.4	86.3	87.4	87.9	88.0	88.1	88.1	88.2	88.4
IV 1000	35.4	54.1	59.9	67.5	73.9	77.6	83.6	86.3	87.4	88.7	89.3	89.3	89.4	89.4	89.5	89.7
IV 900	35.4	54.2	60.0	67.6	74.0	78.0	84.1	87.1	88.2	89.3	90.1	90.1	90.2	90.2	90.3	90.5
IV 800	35.4	54.2	60.0	67.6	74.0	78.1	84.4	87.5	88.6	89.8	90.4	90.5	90.6	90.6	90.6	90.9
IV 700	35.4	54.2	60.0	67.7	74.0	78.1	84.5	87.7	88.8	90.2	90.8	90.9	90.9	90.9	91.0	91.2
IV 600	35.4	54.2	60.0	67.7	74.0	78.2	84.6	87.9	89.1	90.6	91.3	91.3	91.4	91.4	91.5	91.7
IV 500	35.4	54.2	60.0	67.7	74.1	78.3	84.8	88.4	89.8	91.6	92.5	92.6	92.7	92.7	92.8	93.0
IV 400	35.4	54.3	60.1	67.8	74.2	78.4	85.0	88.7	90.0	92.1	93.1	93.2	93.4	93.4	93.4	93.7
IV 300	35.4	54.3	60.2	67.9	74.3	78.4	85.1	88.8	90.2	92.5	93.7	94.0	94.2	94.2	94.3	94.6
IV 200	35.4	54.3	60.2	67.9	74.4	78.5	85.2	89.0	90.4	93.1	94.3	94.6	95.5	95.5	95.8	96.1
IV 100	35.4	54.3	60.2	67.9	74.4	78.5	85.3	89.1	90.6	93.2	94.6	94.9	96.1	96.2	96.7	97.3
IV 0	35.4	54.3	60.2	67.9	74.4	78.5	85.3	89.1	90.6	93.2	94.6	94.9	96.1	96.3	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2778

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

LCY  
DATA

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.	≥0
NO CEILING ≥ 20000	35.1	44.6	48.2	51.6	55.4	57.9	60.2	61.9	62.5	63.7	64.2	64.2	64.5	64.5	64.6	64.8
IV ≥ 18000	36.2	45.9	49.6	53.5	57.6	60.3	62.7	64.5	65.3	66.6	67.1	67.2	67.4	67.4	67.6	67.9
IV 16000	36.2	45.9	49.6	53.5	57.6	60.4	62.8	64.6	65.4	66.6	67.2	67.2	67.5	67.5	67.7	67.9
IV 14000	36.4	46.1	50.0	54.0	58.1	60.8	63.2	65.1	65.9	67.1	67.7	67.7	68.0	68.0	68.2	68.4
IV 12000	36.9	46.8	50.7	54.8	58.9	61.7	64.2	66.2	67.0	68.3	68.9	68.9	69.2	69.2	69.4	69.7
IV 10000	37.3	47.4	51.4	55.5	59.9	62.7	65.4	67.4	68.2	69.5	70.1	70.1	70.4	70.4	70.6	71.0
IV 9000	38.3	48.6	52.7	56.9	61.2	64.2	67.0	69.2	70.0	71.4	72.0	72.0	72.3	72.5	72.5	72.9
IV 8000	38.3	48.7	52.8	57.0	61.4	64.3	67.1	69.4	70.2	71.5	72.2	72.2	72.5	72.5	72.7	73.1
IV 7000	38.6	48.9	53.1	57.3	61.7	64.8	67.6	69.8	70.7	72.1	72.7	72.8	73.1	73.1	73.3	73.6
IV 6000	38.6	49.1	53.2	57.4	61.9	65.0	67.8	70.1	71.0	72.3	73.0	73.0	73.3	73.3	73.5	73.8
IV 5000	38.9	49.5	53.6	57.9	62.3	65.4	68.3	70.6	71.4	72.8	73.4	73.5	73.8	73.8	74.0	74.3
IV 4500	39.2	50.0	54.2	58.4	62.9	66.1	68.9	71.2	72.1	73.5	74.1	74.2	74.5	74.5	74.7	75.0
IV 4000	39.4	50.4	54.7	58.9	63.4	66.6	69.5	71.8	72.7	74.0	74.7	74.7	75.0	75.0	75.2	75.5
IV 3500	39.8	51.0	55.4	59.8	64.4	67.5	70.5	72.8	73.6	75.0	75.6	75.7	76.0	76.0	76.2	76.5
IV 3000	39.9	51.4	55.9	60.5	65.1	68.2	71.3	73.6	74.5	75.9	76.5	76.6	76.8	76.8	77.1	77.4
IV 2500	40.3	51.8	56.4	61.3	66.1	69.3	72.4	74.8	75.7	77.1	77.8	77.8	78.1	78.1	78.3	78.6
IV 2000	40.4	52.2	57.1	62.0	67.0	70.3	73.4	76.3	77.2	78.6	79.3	79.3	79.6	79.6	79.8	80.2
IV 1800	40.4	52.3	57.8	63.3	68.5	72.0	75.4	78.4	79.3	80.7	81.4	81.3	81.7	81.7	82.0	82.3
IV 1500	40.4	52.6	58.1	63.7	69.3	73.1	76.7	79.7	80.6	82.1	82.8	82.8	83.1	83.1	83.3	83.7
IV 1200	40.4	52.8	58.4	64.2	70.2	74.7	78.9	82.1	83.0	84.6	85.2	85.2	85.6	85.6	85.8	86.1
IV 1000	40.5	52.9	58.6	64.6	70.8	75.4	79.9	83.3	84.5	86.2	86.9	87.0	87.4	87.4	87.6	87.9
IV 900	40.5	53.0	58.7	64.7	71.1	75.8	80.5	84.3	85.8	87.7	88.5	88.5	88.9	88.9	89.1	89.4
IV 800	40.5	53.0	58.7	64.7	71.1	75.8	80.5	84.6	86.0	88.0	88.9	88.9	89.4	89.4	89.6	89.9
IV 700	40.5	53.0	58.7	64.7	71.1	75.8	80.6	84.7	86.3	88.3	89.4	89.4	89.9	89.9	90.1	90.4
IV 600	40.5	53.0	58.7	64.7	71.1	75.9	80.7	85.2	86.7	89.1	90.5	90.6	91.2	91.2	91.4	91.7
IV 500	40.5	53.0	58.7	64.7	71.1	75.9	80.7	85.3	86.9	89.5	91.4	91.7	92.4	92.4	92.7	93.1
IV 400	40.5	53.0	58.7	64.7	71.1	75.9	80.8	85.5	87.1	89.8	91.8	92.0	93.0	93.1	93.5	93.9
IV 300	40.5	53.0	58.7	64.7	71.1	75.9	80.8	85.5	87.1	89.9	92.0	92.3	94.0	94.3	94.9	95.3
IV 200	40.5	53.0	58.7	64.7	71.2	75.9	80.9	85.5	87.2	90.0	92.2	92.3	94.4	94.8	95.6	96.2
IV 100	40.5	53.0	58.7	64.7	71.2	75.9	80.9	85.5	87.2	90.0	92.3	92.6	94.7	95.3	96.5	97.7
IV 0	40.5	53.0	58.7	64.7	71.2	75.9	80.9	85.5	87.2	90.0	92.3	92.6	94.8	95.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION: NORTON AFB CALIF/54N BERNARDING 43-72 YEARS

LCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1.6	≥1	≥0
NO CEILING	35.6	45.8	49.9	55.1	60.1	62.5	56.1	69.2	70.2	71.8	72.4	72.4	72.7	72.7	72.8	72.8
≥ 20000	37.4	48.0	52.3	58.1	63.4	66.1	70.0	73.2	74.3	76.1	76.8	76.8	77.1	77.1	77.2	77.2
≥ 18000	37.4	48.0	52.3	58.1	63.4	66.1	70.0	73.2	74.4	76.1	76.9	76.9	77.1	77.2	77.3	77.3
≥ 16000	37.5	48.4	52.7	58.5	63.9	66.6	70.5	73.7	74.9	76.6	77.4	77.4	77.6	77.7	77.8	77.8
≥ 14000	37.9	48.9	53.3	59.2	64.7	67.4	71.4	74.8	75.9	77.9	78.6	78.6	78.9	79.0	79.0	79.0
≥ 12000	38.2	49.3	53.7	59.7	65.3	68.0	72.2	75.5	76.7	78.7	79.4	79.4	79.7	79.7	79.8	79.8
≥ 10000	38.7	50.0	54.5	60.3	66.1	69.0	73.1	76.5	77.7	79.7	80.5	80.5	80.8	80.8	80.9	80.9
≥ 9000	38.9	50.3	54.9	60.9	66.6	69.4	73.6	77.0	78.2	80.3	81.1	81.1	81.4	81.4	81.5	81.5
≥ 8000	39.1	50.6	55.2	61.4	67.0	69.9	74.0	77.5	78.8	80.9	81.6	81.6	81.9	82.0	82.1	82.1
≥ 7000	39.3	51.0	55.6	61.8	67.3	70.4	74.5	78.0	79.3	81.5	82.3	82.3	82.5	82.6	82.7	82.7
≥ 6000	39.6	51.7	56.4	62.6	68.3	71.2	75.3	78.8	80.1	82.3	83.1	83.1	83.3	83.4	83.5	83.5
≥ 5000	40.2	52.5	57.3	63.5	69.2	72.1	76.3	79.8	81.0	83.2	84.0	84.0	84.3	84.3	84.4	84.4
≥ 4500	40.6	53.3	58.1	64.4	70.1	73.0	77.2	80.7	82.0	84.1	84.9	84.9	85.2	85.3	85.4	85.4
≥ 4000	40.9	53.7	58.6	65.0	70.8	73.7	77.9	81.4	82.6	84.8	85.6	85.6	85.9	86.0	86.0	86.0
≥ 3500	41.1	54.1	59.0	65.5	71.4	74.4	78.6	82.1	83.4	85.5	86.3	86.3	86.6	86.7	86.8	86.8
≥ 3000	41.4	54.6	59.6	66.2	72.4	75.6	79.9	83.6	84.8	87.0	87.8	87.8	88.1	88.1	88.2	88.2
≥ 2500	41.6	55.0	60.4	67.4	73.9	77.5	82.1	85.8	87.0	89.2	90.0	90.0	90.3	90.3	90.4	90.4
≥ 2000	41.7	55.4	60.9	68.3	75.2	79.0	84.0	87.7	89.0	91.2	92.0	92.0	92.2	92.3	92.4	92.4
≥ 1800	41.7	55.4	60.9	68.4	75.5	79.3	84.4	88.2	89.6	91.8	92.6	92.6	92.9	92.9	93.0	93.0
≥ 1500	41.8	55.5	61.1	68.7	75.9	80.0	85.3	89.3	90.7	93.1	94.0	94.0	94.3	94.3	94.4	94.4
≥ 1200	41.8	55.5	61.1	68.7	76.1	80.1	85.5	89.8	91.3	93.9	94.8	94.8	95.1	95.2	95.3	95.3
≥ 1000	41.8	55.6	61.1	68.8	76.1	80.2	85.6	90.2	91.8	94.6	95.6	95.6	95.9	96.0	96.1	96.1
≥ 900	41.8	55.6	61.1	68.8	76.1	80.2	85.6	90.2	92.1	94.9	96.1	96.2	96.5	96.5	96.6	96.6
≥ 800	41.8	55.6	61.1	68.8	76.2	80.2	85.8	90.3	92.2	95.2	96.6	96.6	97.0	97.0	97.2	97.2
≥ 700	41.8	55.6	61.1	68.8	76.2	80.3	85.8	90.5	92.4	95.5	97.0	97.1	97.6	97.6	97.7	97.7
≥ 600	41.8	55.6	61.1	68.8	76.2	80.3	85.8	90.6	92.5	95.7	97.4	97.5	98.1	98.1	98.2	98.2
≥ 500	41.8	55.6	61.1	68.8	76.2	80.3	85.9	90.7	92.6	95.9	97.8	98.0	98.6	98.6	98.7	98.7
≥ 400	41.8	55.6	61.1	68.8	76.2	80.3	85.9	90.7	92.6	96.0	97.9	98.2	98.9	99.0	99.1	99.1
≥ 300	41.8	55.6	61.1	68.8	76.2	80.3	85.9	90.7	92.7	96.0	98.0	98.4	99.3	99.4	99.6	99.6
≥ 200	41.8	55.6	61.1	68.8	76.2	80.3	85.9	90.7	92.7	96.0	98.0	98.4	99.4	99.5	99.7	99.7
≥ 100	41.8	55.6	61.1	68.8	76.2	80.3	85.9	90.7	92.7	96.0	98.0	98.4	99.4	99.6	99.8	99.9
≥ 0	41.8	55.6	61.1	68.8	76.2	80.3	85.9	90.7	92.7	96.0	98.0	98.4	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2773

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURKIN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

1 OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS UTC

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.25	≥.1	≥.05	≥.0	≥0
NO CEILING	40.8	52.5	57.9	62.8	68.4	71.3	73.9	75.9	76.8	77.7	77.8	77.9	77.9	77.9	78.0	78.0
≥ 20000	43.2	55.6	61.4	66.6	72.8	75.8	78.6	80.7	81.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2
IV 18000	43.3	55.6	61.4	66.6	72.8	75.9	78.7	80.9	82.0	83.1	83.3	83.3	83.3	83.3	83.4	83.4
IV 16000	43.5	55.9	61.8	67.2	73.4	76.5	79.4	81.6	82.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1
IV 14000	43.9	56.5	62.4	67.8	74.1	77.2	80.2	82.4	83.5	84.6	84.8	84.8	84.8	84.8	84.9	84.9
IV 12000	44.3	57.3	63.3	68.9	75.3	78.4	81.5	83.8	85.0	86.1	86.2	86.3	86.3	86.3	86.3	86.4
IV 10000	45.1	58.4	64.5	70.1	76.7	79.8	82.8	85.1	86.3	87.5	87.6	87.7	87.7	87.7	87.7	87.8
IV 9000	45.6	59.0	65.2	70.7	77.3	80.4	83.4	85.8	86.9	88.1	88.2	88.3	88.3	88.3	88.3	88.4
IV 8000	45.9	59.3	65.6	71.2	77.8	80.9	84.0	86.4	87.6	88.7	88.9	88.9	88.9	88.9	89.0	89.0
IV 7000	46.1	59.7	66.1	71.7	78.3	81.4	84.6	86.9	88.1	89.3	89.4	89.5	89.5	89.5	89.5	89.6
IV 6000	47.5	60.8	67.2	72.9	79.7	82.8	85.9	88.3	89.5	90.6	90.8	90.8	90.8	90.8	90.9	90.9
IV 5000	47.5	61.8	68.3	74.1	80.8	83.9	87.0	89.4	90.6	91.8	91.9	92.0	92.0	92.0	92.0	92.1
IV 4500	48.1	62.6	69.1	74.9	81.7	84.9	87.9	90.3	91.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9
IV 4000	48.4	62.9	69.4	75.4	82.2	85.3	88.4	90.8	92.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4
IV 3500	48.8	63.6	70.3	76.3	83.5	86.7	89.8	92.2	93.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8
IV 3000	48.9	64.0	70.9	77.1	84.5	87.7	90.9	93.4	94.6	95.8	95.9	96.0	96.0	96.0	96.0	96.1
IV 2500	49.1	64.5	71.5	77.9	85.5	88.8	92.1	94.6	95.9	97.0	97.2	97.2	97.2	97.2	97.3	97.3
IV 2000	49.1	64.6	71.6	78.1	85.8	89.2	92.7	95.3	96.5	97.7	97.8	97.9	97.9	97.9	97.9	98.0
IV 1800	49.1	64.6	71.6	78.1	85.8	89.3	92.8	95.5	96.7	97.9	98.0	98.1	98.1	98.1	98.1	98.2
IV 1500	49.1	64.6	71.6	78.1	85.9	89.4	92.9	95.6	96.9	98.1	98.2	98.2	98.3	98.3	98.4	98.4
IV 1200	49.1	64.6	71.6	78.1	85.9	89.4	93.0	95.7	97.3	98.8	99.0	99.1	99.1	99.1	99.1	99.2
IV 1000	49.1	64.6	71.6	78.1	86.0	89.5	93.2	96.0	97.4	99.1	99.3	99.4	99.4	99.4	99.4	99.5
IV 900	49.1	64.6	71.6	78.1	86.0	89.5	93.2	96.0	97.4	99.1	99.4	99.4	99.5	99.5	99.5	99.5
IV 800	49.1	64.6	71.6	78.2	86.0	89.6	93.3	96.1	97.6	99.3	99.6	99.6	99.7	99.7	99.7	99.7
IV 700	49.1	64.6	71.6	78.2	86.0	89.6	93.4	96.2	97.7	99.4	99.6	99.7	99.7	99.7	99.7	99.8
IV 600	49.1	64.6	71.6	78.2	86.0	89.6	93.4	96.3	97.8	99.5	99.7	99.8	99.8	99.8	99.9	99.9
IV 500	49.1	64.6	71.6	78.2	86.1	89.6	93.4	96.3	97.8	99.5	99.8	99.9	99.9	99.9	99.9	100.0
IV 400	49.1	64.6	71.6	78.2	86.1	89.6	93.4	96.3	97.8	99.5	99.8	99.9	99.9	99.9	99.9	100.0
IV 300	49.1	64.6	71.6	78.2	86.1	89.6	93.4	96.3	97.9	99.6	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	49.1	64.6	71.6	78.2	86.1	89.6	93.4	96.3	97.9	99.6	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	49.1	64.6	71.6	78.2	86.1	89.6	93.4	96.3	97.9	99.6	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	49.1	64.6	71.6	78.2	86.1	89.6	93.4	96.3	97.9	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2772



3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72 OCT 1950

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	>6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 2000'	31.7	44.1	50.2	57.4	64.1	67.6	71.9	74.6	75.9	76.7	77.0	77.0	77.0	77.0	77.0	77.1
IV 18000	34.3	47.8	54.4	62.5	69.7	73.4	78.1	81.2	82.6	83.6	84.0	84.0	84.0	84.0	84.0	84.1
IV 16000	34.6	48.3	55.0	63.1	70.3	74.0	78.8	81.9	83.4	84.4	84.8	84.8	84.8	84.8	84.8	84.9
IV 14000	34.7	48.4	55.1	63.3	70.7	74.5	79.3	82.4	83.8	84.9	85.3	85.3	85.3	85.3	85.3	85.5
IV 12000	35.3	49.3	56.1	64.5	72.1	76.0	80.9	84.3	85.7	86.9	87.3	87.3	87.3	87.3	87.3	87.4
IV 10000	35.8	49.9	56.8	65.3	73.0	76.8	82.0	85.5	87.0	88.1	88.5	88.5	88.6	88.6	88.6	88.7
IV 9000	36.0	50.2	57.1	65.6	73.3	77.2	82.4	85.8	87.3	88.4	88.9	88.9	88.9	88.9	88.9	89.0
IV 8000	36.5	50.8	57.9	66.4	74.1	78.1	83.3	86.8	88.4	89.5	90.0	90.0	90.0	90.0	90.0	90.1
IV 7000	37.0	51.6	58.7	67.4	75.1	79.1	84.4	87.9	89.5	90.6	91.0	91.0	91.0	91.1	91.1	91.2
IV 6000	37.8	52.7	59.8	68.7	76.7	80.7	86.0	89.5	91.1	92.3	92.7	92.7	92.7	92.7	92.7	92.8
IV 5000	38.2	53.5	60.7	69.7	77.8	81.8	87.1	90.6	92.3	93.4	93.9	93.9	93.9	93.9	93.9	94.0
IV 4500	38.5	53.8	61.0	70.0	78.1	82.2	87.5	91.0	92.7	93.8	94.2	94.2	94.3	94.3	94.3	94.4
IV 4000	38.6	54.3	61.7	70.7	78.9	83.0	88.4	91.9	93.6	94.8	95.2	95.2	95.2	95.2	95.2	95.4
IV 3500	39.0	54.9	62.4	71.5	79.8	83.9	89.3	92.9	94.6	95.7	96.1	96.1	96.2	96.2	96.2	96.3
IV 3000	39.2	55.4	62.9	72.1	80.5	84.7	90.2	93.9	95.6	96.7	97.2	97.2	97.2	97.2	97.2	97.3
IV 2500	39.2	55.5	63.2	72.5	81.1	85.3	90.9	94.6	96.3	97.5	97.9	97.9	98.0	98.0	98.0	98.1
IV 2000	39.3	55.7	63.4	72.8	81.6	85.9	91.6	95.4	97.0	98.2	98.7	98.7	98.7	98.7	98.7	98.8
IV 1800	39.4	55.7	63.4	72.8	81.6	86.0	91.7	95.4	97.1	98.3	98.7	98.7	98.8	98.8	98.8	98.9
IV 1500	39.4	55.8	63.5	72.9	81.7	86.1	91.8	95.6	97.3	98.6	99.0	99.0	99.1	99.1	99.1	99.2
IV 1200	39.4	55.8	63.5	73.0	81.7	86.1	91.9	95.6	97.3	98.8	99.3	99.3	99.3	99.3	99.3	99.4
IV 1000	39.4	55.8	63.5	73.0	81.9	86.2	92.1	95.9	97.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7
IV 900	39.4	55.8	63.5	73.0	81.9	86.2	92.1	95.9	97.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7
IV 800	39.4	55.8	63.5	73.0	81.9	86.2	92.1	96.0	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.9
IV 700	39.4	55.8	63.5	73.0	81.9	86.2	92.1	96.0	97.7	99.2	99.7	99.7	99.8	99.8	99.8	99.9
IV 600	39.4	55.8	63.5	73.0	81.9	86.2	92.2	96.1	97.8	99.3	99.8	99.8	99.9	99.9	99.9	100.0
IV 500	39.4	55.8	63.5	73.0	81.9	86.2	92.2	96.1	97.8	99.3	99.8	99.8	99.9	99.9	99.9	100.0
IV 400	39.4	55.8	63.5	73.0	81.9	86.2	92.3	96.1	97.8	99.4	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	39.4	55.8	63.5	73.0	81.9	86.2	92.3	96.1	97.8	99.4	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	39.4	55.8	63.5	73.0	81.9	86.2	92.3	96.1	97.8	99.4	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	39.4	55.8	63.5	73.0	81.9	86.2	92.3	96.1	97.8	99.4	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	39.4	55.8	63.5	73.0	81.9	86.2	92.3	96.1	97.8	99.4	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2777

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION NOPTON AFB CALIF/SAN BERNARDINO 63-72 YEARS MONTH I.C.T.

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS L.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≤0
NO CEILING	24.4	40.0	46.1	54.7	64.0	67.8	73.0	76.7	78.0	79.4	80.1	80.1	80.1	80.1	80.1	80.1
≥ 20000	25.1	41.7	48.1	57.5	67.2	71.1	77.5	80.8	82.2	83.9	84.6	84.6	84.6	84.6	84.6	84.6
IV 18000	25.1	41.7	48.1	57.5	67.2	71.2	77.5	80.9	82.3	83.9	84.7	84.7	84.7	84.7	84.7	84.8
IV 16000	25.1	41.8	48.1	57.5	67.3	71.2	77.6	81.0	82.4	84.0	84.8	84.8	84.8	84.8	84.8	84.9
IV 14000	25.3	42.1	48.6	58.1	68.0	71.9	78.5	81.9	83.2	84.9	85.7	85.7	85.7	85.7	85.7	85.7
IV 12000	25.4	42.4	49.1	58.9	68.7	72.8	79.5	82.9	84.4	86.0	86.8	86.8	86.8	86.8	86.8	86.9
IV 10000	25.6	42.8	49.6	59.5	69.5	73.8	80.6	84.1	85.5	87.2	88.0	88.0	88.0	88.0	88.0	88.1
IV 9000	25.8	43.0	49.9	59.8	69.5	74.1	80.9	84.3	85.8	87.5	88.2	88.2	88.2	88.2	88.2	88.2
IV 8000	26.1	43.6	50.5	60.5	70.5	74.8	81.7	85.1	86.7	88.4	89.1	89.1	89.1	89.1	89.1	89.2
IV 7000	26.5	44.3	51.3	61.2	71.3	75.7	82.5	85.9	87.5	89.2	89.9	89.9	89.9	89.9	89.9	90.0
IV 6000	26.9	44.8	51.8	61.8	72.0	76.4	83.2	86.7	88.3	90.0	90.7	90.7	90.7	90.7	90.7	90.8
IV 5000	27.1	45.4	52.4	62.5	72.7	77.1	83.9	87.5	89.1	90.8	91.5	91.5	91.5	91.5	91.5	91.6
IV 4500	27.3	45.8	52.7	63.0	73.3	77.7	84.5	88.1	89.7	91.4	92.1	92.1	92.1	92.1	92.1	92.2
IV 4000	27.5	46.1	53.2	63.5	73.9	78.4	85.3	88.8	90.4	92.1	92.9	92.9	92.9	92.9	92.9	92.9
IV 3500	27.7	46.4	53.6	64.2	74.5	79.0	85.9	89.5	91.1	92.8	93.6	93.6	93.6	93.6	93.6	93.7
IV 3000	27.8	47.2	54.5	65.2	75.7	80.2	87.2	90.8	92.4	94.1	94.9	94.9	94.9	94.9	94.9	95.0
IV 2500	28.0	47.9	55.5	66.5	77.1	81.7	88.8	92.4	94.0	95.7	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	28.2	48.6	56.3	67.7	78.5	83.1	90.3	93.7	95.5	97.2	98.0	98.0	98.0	98.0	98.0	98.1
IV 1800	28.2	48.7	56.6	67.9	78.7	83.3	90.5	94.2	95.7	97.4	98.2	98.2	98.2	98.2	98.2	98.3
IV 1500	28.3	48.8	56.9	68.3	79.2	83.9	91.1	94.7	96.4	98.2	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	28.3	48.8	57.0	68.5	79.4	84.0	91.3	95.0	96.7	98.4	99.2	99.2	99.2	99.2	99.2	99.3
IV 1000	28.3	48.9	57.1	68.5	79.6	84.2	91.5	95.1	96.9	98.7	99.5	99.5	99.5	99.5	99.5	99.6
IV 900	28.3	48.9	57.1	68.5	79.6	84.3	91.5	95.2	96.9	98.7	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	28.3	48.9	57.1	68.6	79.7	84.4	91.7	95.4	97.1	98.9	99.7	99.7	99.7	99.7	99.7	99.8
IV 700	28.3	48.9	57.1	68.6	79.7	84.4	91.7	95.4	97.2	99.0	99.8	99.8	99.8	99.8	99.8	99.9
IV 600	28.3	48.9	57.1	68.6	79.7	84.4	91.7	95.4	97.2	99.0	99.8	99.8	99.8	99.8	99.8	99.9
IV 500	28.3	48.9	57.1	68.6	79.7	84.4	91.8	95.5	97.3	99.1	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	28.3	48.9	57.1	68.6	79.7	84.4	91.8	95.5	97.3	99.1	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	28.3	48.9	57.1	68.6	79.7	84.4	91.8	95.5	97.3	99.1	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	28.3	48.9	57.1	68.6	79.7	84.4	91.8	95.5	97.3	99.1	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	28.3	48.9	57.1	68.6	79.7	84.4	91.8	95.5	97.3	99.1	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	28.3	48.9	57.1	68.6	79.7	84.4	91.8	95.5	97.3	99.1	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2774

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MIRTON AFB CALIF/SAH BERNARDINE  
STATION NAME

43-72  
YEARS

GCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	24.9	41.7	46.7	54.0	63.5	66.2	71.1	74.1	75.2	77.2	77.6	77.6	77.8	77.8	77.8	77.8
≥ 20000	25.4	42.7	47.9	55.8	65.7	68.5	73.6	77.0	78.1	80.3	80.8	80.8	81.1	81.1	81.1	81.1
≥ 18000	25.4	42.7	47.9	55.8	65.7	68.5	73.6	77.0	78.2	80.4	80.8	80.9	81.1	81.1	81.1	81.1
≥ 16000	25.4	42.8	48.0	56.0	65.8	68.7	73.8	77.2	78.4	80.6	81.0	81.1	81.3	81.3	81.3	81.3
≥ 14000	25.4	42.9	48.1	56.1	65.9	68.8	74.1	77.6	78.8	81.0	81.5	81.5	81.8	81.8	81.8	81.8
≥ 12000	25.6	43.1	48.6	56.7	66.5	69.4	74.8	78.4	79.6	81.8	82.3	82.3	82.6	82.6	82.6	82.6
≥ 10000	25.7	43.3	48.8	56.9	66.8	69.8	75.2	78.8	80.1	82.3	82.8	82.8	83.1	83.1	83.1	83.1
≥ 9000	25.9	43.6	49.2	57.4	67.3	70.2	75.7	79.3	80.6	82.8	83.2	83.3	83.5	83.5	83.5	83.5
≥ 8000	26.0	44.0	49.7	57.9	67.9	70.8	76.2	79.9	81.2	83.4	83.9	83.9	84.1	84.1	84.1	84.1
≥ 7000	26.4	44.5	50.2	58.4	68.4	71.3	76.7	80.4	81.7	83.9	84.4	84.4	84.6	84.6	84.6	84.6
≥ 6000	26.6	44.8	50.5	58.8	68.8	71.7	77.1	80.8	82.1	84.3	84.8	84.8	85.0	85.0	85.0	85.0
≥ 5000	26.9	45.3	51.1	59.4	69.3	72.3	77.7	81.3	82.7	84.9	85.3	85.4	85.6	85.6	85.6	85.6
≥ 4500	27.0	45.7	51.5	59.8	69.8	72.7	78.1	81.8	83.1	85.3	85.8	85.8	86.0	86.0	86.0	86.0
≥ 4000	27.1	46.1	51.9	60.3	70.3	73.3	78.7	82.3	83.7	85.9	86.3	86.4	86.6	86.6	86.6	86.6
≥ 3500	27.2	46.6	52.5	61.1	71.2	74.2	79.6	83.2	84.6	86.8	87.2	87.3	87.5	87.5	87.5	87.5
≥ 3000	27.4	47.5	53.4	62.2	72.4	75.4	80.9	84.5	85.9	88.1	88.5	88.5	88.8	88.8	88.8	88.8
≥ 2500	27.7	48.5	54.6	63.7	74.3	77.2	82.8	86.4	87.8	90.0	90.4	90.5	90.7	90.7	90.7	90.7
≥ 2000	28.0	49.5	56.1	65.8	76.6	79.5	85.2	88.9	90.3	92.4	92.9	93.0	93.2	93.2	93.2	93.2
≥ 1800	28.0	49.6	56.2	66.1	77.1	80.1	85.8	89.5	90.8	93.0	93.5	93.5	93.8	93.8	93.8	93.8
≥ 1500	28.0	49.8	56.5	67.1	78.3	81.4	87.2	90.9	92.4	94.6	95.1	95.2	95.4	95.4	95.4	95.4
≥ 1200	28.1	50.1	56.9	67.8	79.2	82.3	88.4	92.2	93.8	96.0	96.5	96.5	96.8	96.8	96.8	96.8
≥ 1000	28.1	50.3	57.2	68.1	79.5	82.8	89.2	93.0	94.6	96.8	97.3	97.4	97.6	97.6	97.6	97.6
≥ 900	28.1	50.3	57.2	68.4	79.9	83.1	89.6	93.5	95.1	97.4	98.0	98.1	98.3	98.3	98.3	98.3
≥ 800	28.2	50.4	57.3	68.4	80.0	83.3	90.0	94.0	95.5	97.9	98.5	98.5	98.8	98.8	98.8	98.8
≥ 700	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.2	95.8	98.2	98.8	98.9	99.1	99.1	99.1	99.1
≥ 600	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.2	95.8	98.3	99.0	99.1	99.3	99.3	99.3	99.3
≥ 500	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.4	95.9	98.5	99.2	99.2	99.5	99.5	99.5	99.5
≥ 400	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.4	96.0	98.5	99.3	99.4	99.7	99.7	99.7	99.7
≥ 300	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.4	96.0	98.5	99.4	99.4	99.8	99.8	99.8	99.8
≥ 200	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.4	96.0	98.5	99.4	99.4	99.9	99.9	99.9	100.0
≥ 100	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.4	96.0	98.5	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	28.2	50.4	57.3	68.4	80.2	83.4	90.2	94.4	96.0	98.5	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2781

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTH AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	46.4	56.6	59.5	63.3	67.3	68.4	70.4	71.7	72.1	72.9	73.4	73.5	73.7	73.7	73.7	73.7
≥ 20000	47.5	57.8	61.1	64.9	69.1	70.3	72.4	74.1	74.7	75.5	76.1	76.1	76.3	76.5	76.4	76.4
IV 18000	47.8	58.2	61.5	65.3	69.5	70.7	72.8	74.6	75.1	75.9	76.5	76.6	76.7	76.8	76.8	76.8
IV 16000	47.9	58.3	61.7	65.5	69.7	71.0	73.1	74.9	75.4	76.2	76.9	76.9	77.1	77.2	77.2	77.2
IV 14000	48.3	58.7	62.3	66.1	70.3	71.5	73.7	75.4	76.0	76.9	77.6	77.7	77.9	77.9	77.9	77.9
IV 12000	48.8	59.4	63.1	66.9	71.1	72.4	74.5	76.3	77.0	77.8	78.6	78.6	78.8	78.8	78.9	78.9
IV 10000	49.0	59.7	63.5	67.4	71.6	72.8	74.9	76.7	77.5	78.3	79.0	79.1	79.3	79.3	79.3	79.3
IV 9000	49.1	59.8	63.6	67.5	71.7	72.9	75.0	76.9	77.6	78.4	79.2	79.2	79.4	79.4	79.5	79.5
IV 8000	49.2	59.9	63.6	67.5	71.6	73.0	75.2	77.0	77.7	78.6	79.3	79.4	79.6	79.6	79.6	79.6
IV 7000	49.6	60.4	64.2	68.1	72.3	73.6	75.8	77.6	78.3	79.2	79.9	80.0	80.2	80.2	80.2	80.2
IV 6000	49.8	60.9	64.7	68.6	72.8	74.0	76.3	78.2	78.9	79.7	80.5	80.5	80.7	80.7	80.8	80.8
IV 5000	50.6	62.3	66.2	70.2	74.6	75.8	78.2	80.0	80.7	81.6	82.3	82.4	82.5	82.6	82.6	82.6
IV 4500	51.0	62.9	66.9	71.0	75.3	76.6	78.9	80.8	81.5	82.4	83.1	83.1	83.3	83.4	83.4	83.4
IV 4000	51.3	63.7	67.7	71.8	76.2	77.4	79.8	81.6	82.4	83.2	84.0	84.0	84.2	84.2	84.2	84.2
IV 3500	51.4	64.5	68.7	72.9	77.3	78.6	81.0	82.9	83.6	84.5	85.2	85.3	85.4	85.5	85.5	85.5
IV 3000	51.7	65.6	70.0	74.4	78.9	80.2	82.7	84.6	85.3	86.1	86.9	86.9	87.1	87.1	87.2	87.2
IV 2500	51.9	66.6	71.1	75.7	80.2	81.6	84.2	86.1	86.8	87.7	88.4	88.4	88.6	88.7	88.7	88.7
IV 2000	52.3	68.1	73.1	78.0	82.6	84.1	86.9	88.9	89.6	90.5	91.4	91.4	91.6	91.6	91.7	91.7
IV 1800	52.3	68.6	73.6	78.5	83.2	84.8	87.6	89.6	90.4	91.3	92.2	92.2	92.4	92.4	92.5	92.5
IV 1500	52.5	69.1	74.1	79.2	84.2	85.8	89.0	91.0	91.9	92.9	93.8	93.8	94.0	94.1	94.1	94.1
IV 1200	52.5	69.3	74.3	79.6	84.8	86.4	89.9	92.2	93.1	94.2	95.1	95.1	95.4	95.5	95.5	95.5
IV 1000	52.5	69.4	74.5	79.9	85.2	86.9	90.5	93.0	94.0	95.4	96.3	96.4	96.6	96.7	96.7	96.7
IV 900	52.5	69.5	74.6	80.0	85.4	87.3	90.9	93.5	94.4	95.9	96.8	96.8	97.0	97.1	97.2	97.2
IV 800	52.5	69.5	74.6	80.1	85.5	87.4	91.0	93.7	94.7	96.2	97.1	97.1	97.3	97.4	97.5	97.5
IV 700	52.5	69.5	74.6	80.1	85.6	87.4	91.2	93.9	94.9	96.4	97.3	97.3	97.5	97.7	97.7	97.7
IV 600	52.5	69.5	74.6	80.1	85.6	87.4	91.3	94.1	95.1	96.6	97.5	97.6	97.8	97.9	98.0	98.0
IV 500	52.5	69.5	74.6	80.2	85.7	87.5	91.4	94.3	95.3	97.1	98.1	98.1	98.4	98.6	98.6	98.6
IV 400	52.5	69.5	74.6	80.2	85.8	87.6	91.5	94.4	95.5	97.3	98.3	98.4	98.7	98.9	98.9	98.9
IV 300	52.5	69.5	74.6	80.2	85.8	87.6	91.5	94.4	95.5	97.4	98.5	98.6	99.0	99.1	99.2	99.2
IV 200	52.5	69.5	74.6	80.2	85.8	87.6	91.6	94.5	95.6	97.5	98.6	98.7	99.2	99.4	99.4	99.4
IV 100	52.5	69.5	74.6	80.2	85.8	87.6	91.6	94.5	95.7	97.6	98.7	98.8	99.3	99.5	99.7	99.7
IV 0	52.5	69.5	74.6	80.2	85.8	87.6	91.6	94.5	95.7	97.6	98.7	98.8	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2672

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1.4	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	48.7	60.7	63.5	67.2	69.8	70.8	72.1	72.8	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.7
≥ 20000	49.8	62.1	65.0	68.7	71.4	72.5	73.9	74.6	74.9	75.5	75.7	75.8	75.8	75.8	75.8	75.8
≥ 18000	50.0	62.3	65.4	69.1	71.8	72.9	74.3	75.0	75.3	75.9	76.1	76.2	76.2	76.2	76.2	76.2
≥ 16000	50.1	62.4	65.6	69.2	71.9	73.0	74.4	75.1	75.4	76.0	76.2	76.3	76.3	76.3	76.3	76.3
≥ 14000	50.3	62.8	66.0	69.7	72.4	73.5	74.9	75.6	76.0	76.7	76.9	77.0	77.0	77.0	77.0	77.0
≥ 12000	51.0	63.7	66.9	70.7	73.4	74.5	75.9	76.6	77.0	77.7	77.9	78.0	78.0	78.0	78.0	78.0
≥ 10000	51.3	64.0	67.2	71.1	73.8	75.0	76.3	77.1	77.5	78.2	78.4	78.5	78.5	78.5	78.5	78.5
≥ 9000	51.4	64.0	67.3	71.1	73.8	75.0	76.4	77.2	77.6	78.2	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	51.4	64.1	67.3	71.2	73.9	75.1	76.5	77.3	77.7	78.4	78.6	78.7	78.7	78.7	78.7	78.7
≥ 7000	51.7	64.6	67.8	71.7	74.4	75.6	77.0	77.8	78.2	78.9	79.1	79.2	79.2	79.2	79.2	79.2
≥ 6000	52.2	65.1	68.4	72.4	75.1	76.3	77.7	78.5	78.9	79.6	79.8	79.9	79.9	79.9	79.9	79.9
≥ 5000	52.9	66.6	70.1	74.1	76.8	78.0	79.5	80.3	80.7	81.4	81.6	81.7	81.7	81.7	81.7	81.7
≥ 4500	53.0	67.4	70.9	74.9	77.7	78.9	80.5	81.3	81.7	82.4	82.6	82.7	82.7	82.7	82.7	82.7
≥ 4000	53.5	68.4	71.9	76.0	78.8	80.0	81.5	82.4	82.8	83.5	83.7	83.8	83.8	83.8	83.8	83.8
≥ 3500	53.9	69.5	73.1	77.2	79.9	81.2	82.8	83.7	84.1	84.8	85.0	85.1	85.1	85.1	85.1	85.1
≥ 3000	54.2	70.6	74.4	78.8	81.6	82.9	84.7	85.6	86.0	86.8	87.0	87.1	87.1	87.1	87.1	87.1
≥ 2500	54.5	71.1	75.1	79.9	82.7	84.1	85.8	86.8	87.2	88.0	88.2	88.3	88.3	88.3	88.3	88.3
≥ 2000	55.1	72.4	76.6	81.6	84.6	85.9	87.8	88.8	89.3	90.2	90.4	90.5	90.5	90.5	90.5	90.5
≥ 1800	55.3	72.9	77.3	82.4	85.3	86.7	88.7	89.9	90.3	91.3	91.6	91.6	91.6	91.7	91.7	91.7
≥ 1500	55.5	73.3	77.9	83.0	86.1	87.6	89.9	91.0	91.5	92.5	92.8	92.8	92.8	92.9	92.9	92.9
≥ 1200	55.5	73.6	78.2	83.4	86.8	88.3	90.7	92.0	92.6	93.6	93.9	94.0	94.0	94.0	94.1	94.1
≥ 1000	55.5	73.7	78.4	83.8	87.2	88.9	91.5	92.8	93.4	94.5	94.9	94.9	94.9	95.0	95.0	95.0
≥ 900	55.5	73.7	78.5	83.9	87.4	89.2	91.7	93.1	93.7	94.9	95.3	95.4	95.4	95.4	95.4	95.4
≥ 800	55.5	73.7	78.5	84.0	87.7	89.4	92.1	93.6	94.2	95.5	95.8	95.9	95.9	95.9	96.0	96.0
≥ 700	55.5	73.7	78.5	84.1	87.7	89.5	92.3	93.8	94.4	95.7	96.0	96.1	96.1	96.1	96.2	96.2
≥ 600	55.5	73.7	78.5	84.2	87.9	89.6	92.5	94.1	94.7	96.1	96.5	96.5	96.5	96.6	96.6	96.6
≥ 500	55.5	73.7	78.5	84.2	87.9	89.6	92.6	94.2	94.9	96.3	96.7	96.8	96.8	96.8	96.9	96.9
≥ 400	55.5	73.7	78.5	84.2	87.9	89.7	92.6	94.2	94.9	96.5	97.1	97.2	97.3	97.3	97.4	97.4
≥ 300	55.5	73.7	78.5	84.2	87.9	89.7	92.8	94.4	95.1	96.8	97.4	97.6	97.8	97.9	98.0	98.0
≥ 200	55.5	73.7	78.5	84.2	87.9	89.7	92.8	94.4	95.1	96.9	97.5	97.7	98.0	98.0	98.1	98.2
≥ 100	55.5	73.7	78.5	84.2	87.9	89.7	92.8	94.4	95.2	97.0	97.7	97.8	98.1	98.2	98.5	98.8
≥ 0	55.5	73.7	78.5	84.2	87.9	89.7	92.8	94.4	95.2	97.0	97.7	97.8	98.2	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2692

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
 HOURS L.S.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.9	58.4	60.7	63.3	64.9	65.7	66.6	67.3	67.8	68.3	68.5	68.5	68.7	68.7	68.8	68.8
≥20000	55.3	62.4	65.1	67.8	69.8	70.5	71.5	72.3	72.9	73.5	73.7	73.7	73.9	74.0	74.1	74.1
IV 18000	55.7	62.9	65.5	68.4	70.3	71.0	72.1	72.9	73.5	74.0	74.2	74.3	74.5	74.5	74.6	74.6
IV 16000	56.1	63.3	66.0	68.8	70.7	71.5	72.5	73.3	73.9	74.5	74.7	74.7	74.9	75.0	75.1	75.1
IV 14000	57.0	64.3	67.0	69.9	71.9	72.7	73.8	74.6	75.4	75.9	76.1	76.2	76.4	76.4	76.5	76.5
IV 12000	57.5	65.1	68.0	70.9	73.0	73.8	74.9	75.7	76.6	77.1	77.4	77.4	77.6	77.7	77.7	77.8
IV 10000	57.9	65.5	68.6	71.6	73.6	74.4	75.5	76.4	77.2	77.8	78.1	78.1	78.3	78.4	78.5	78.5
IV 9000	58.2	65.8	68.9	71.9	74.0	74.8	75.9	76.8	77.7	78.3	78.5	78.6	78.7	78.8	78.9	78.9
IV 8000	58.5	66.2	69.4	72.4	74.5	75.3	76.4	77.4	78.3	78.8	79.1	79.1	79.3	79.4	79.5	79.5
IV 7000	58.8	66.6	69.8	72.8	75.0	75.8	76.9	77.8	78.7	79.3	79.6	79.6	79.8	79.9	80.0	80.0
IV 6000	59.3	67.3	70.5	73.6	75.8	76.6	77.7	78.6	79.5	80.1	80.4	80.4	80.6	80.7	80.7	80.8
IV 5000	60.3	68.6	71.9	74.9	77.1	78.0	79.1	80.0	80.9	81.5	81.8	81.8	82.0	82.1	82.2	82.2
IV 4500	60.9	69.4	72.8	75.9	78.1	79.0	80.1	81.0	81.9	82.5	82.8	82.8	83.0	83.1	83.2	83.2
IV 4000	61.6	70.4	73.8	77.0	79.3	80.2	81.3	82.2	83.1	83.7	84.0	84.0	84.2	84.3	84.4	84.4
IV 3500	62.2	71.3	74.8	78.1	80.5	81.4	82.5	83.5	84.4	85.0	85.2	85.3	85.5	85.5	85.7	85.7
IV 3000	62.7	72.3	75.8	79.4	81.9	82.8	84.1	85.1	86.0	86.7	87.0	87.0	87.2	87.2	87.4	87.4
IV 2500	63.0	72.9	76.7	80.4	83.4	84.3	85.7	86.8	87.7	88.3	88.7	88.7	88.9	89.0	89.1	89.1
IV 2000	63.2	73.8	77.9	81.9	85.2	86.2	87.7	88.8	89.7	90.5	90.9	90.9	91.1	91.2	91.3	91.3
IV 1800	63.3	74.0	78.3	82.3	85.7	86.8	88.3	89.5	90.4	91.2	91.6	91.6	91.8	91.9	92.0	92.0
IV 1500	63.5	74.3	78.7	82.8	86.5	87.8	89.3	90.5	91.5	92.4	92.8	92.9	93.1	93.2	93.3	93.3
IV 1200	63.5	74.3	79.0	83.1	87.0	88.3	90.0	91.4	92.5	93.6	94.2	94.3	94.5	94.5	94.6	94.7
IV 1000	63.5	74.4	79.0	83.2	87.1	88.5	90.4	91.9	93.1	94.4	95.0	95.1	95.2	95.3	95.4	95.5
IV 900	63.5	74.4	79.0	83.2	87.2	88.6	90.5	92.0	93.2	94.5	95.1	95.2	95.4	95.4	95.5	95.6
IV 800	63.5	74.4	79.0	83.3	87.3	88.7	90.6	92.2	93.4	94.7	95.4	95.4	95.7	95.8	95.9	95.9
IV 700	63.5	74.4	79.0	83.3	87.3	88.7	90.6	92.2	93.4	94.7	95.4	95.4	95.8	95.8	96.1	96.1
IV 600	63.5	74.4	79.0	83.3	87.3	88.7	90.7	92.3	93.6	94.9	95.7	95.8	96.2	96.4	96.5	96.6
IV 500	63.5	74.4	79.0	83.3	87.3	88.7	90.7	92.3	93.6	95.1	96.0	96.3	96.8	97.0	97.1	97.1
IV 400	63.5	74.4	79.0	83.3	87.3	88.7	90.8	92.4	93.7	95.2	96.2	96.5	97.0	97.2	97.3	97.4
IV 300	63.5	74.4	79.0	83.3	87.3	88.7	90.9	92.5	93.8	95.3	96.6	96.9	97.5	97.8	97.9	98.0
IV 200	63.5	74.4	79.0	83.3	87.3	88.7	90.9	92.5	93.8	95.6	96.8	97.1	97.7	98.0	98.3	98.7
IV 100	63.5	74.4	79.0	83.3	87.3	88.7	90.9	92.5	93.8	95.6	96.8	97.1	97.7	98.0	98.4	98.8
IV 0	63.5	74.4	79.0	83.3	87.3	88.7	90.9	92.5	93.8	95.6	96.8	97.1	97.7	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAH BERNARDING  
STATION NAME

43-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-1100  
HOURS (LT)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.4	≥.25	≥.1	≥0
NO CEILING	50.4	57.4	59.1	62.1	64.6	65.5	66.5	67.5	68.0	68.8	69.1	69.2	69.3	69.5	69.6	69.6
≥ 20000	55.4	63.2	65.3	68.8	71.6	72.7	73.8	75.0	75.7	76.6	77.0	77.2	77.3	77.4	77.6	77.6
IV 18000	55.9	63.7	65.8	69.2	72.1	73.1	74.3	75.5	76.2	77.1	77.5	77.7	77.8	77.9	78.1	78.1
IV 16000	56.2	64.2	66.3	69.7	72.6	73.6	74.8	76.1	76.7	77.7	78.1	78.2	78.4	78.5	78.7	78.7
IV 14000	57.3	65.4	67.6	71.1	74.2	75.3	76.5	77.7	78.4	79.4	79.8	80.0	80.1	80.3	80.4	80.4
IV 12000	58.1	66.3	68.7	72.4	75.5	76.6	77.8	79.2	79.9	81.0	81.4	81.6	81.7	81.9	82.0	82.0
IV 10000	58.4	66.8	69.1	72.8	76.0	77.1	78.3	79.8	80.5	81.7	82.1	82.3	82.4	82.6	82.7	82.7
IV 9000	58.5	66.9	69.2	72.9	76.1	77.2	78.5	80.0	80.7	81.9	82.3	82.5	82.6	82.8	82.9	82.9
IV 8000	58.8	67.2	69.5	73.3	76.5	77.6	78.9	80.5	81.2	82.4	82.7	82.9	83.1	83.2	83.4	83.4
IV 7000	58.8	67.3	69.7	73.4	76.6	77.7	79.1	80.7	81.4	82.6	83.0	83.2	83.3	83.5	83.6	83.6
IV 6000	59.6	68.5	70.8	74.6	77.8	78.8	80.2	81.8	82.5	83.7	84.1	84.3	84.4	84.6	84.7	84.7
IV 5000	60.6	69.8	72.1	75.9	79.2	80.3	81.7	83.3	84.0	85.2	85.6	85.8	86.0	86.1	86.3	86.3
IV 4500	61.2	70.7	73.1	76.9	80.2	81.4	82.8	84.4	85.1	86.3	86.7	86.9	87.1	87.2	87.4	87.4
IV 4000	62.0	71.9	74.3	78.3	81.7	82.9	84.3	85.9	86.6	87.8	88.3	88.5	88.6	88.8	88.9	88.9
IV 3500	62.6	72.9	75.5	79.5	83.0	84.2	85.6	87.2	88.0	89.2	89.6	89.8	90.0	90.1	90.3	90.3
IV 3000	63.0	73.8	76.5	80.6	84.1	85.4	86.8	88.5	89.3	90.5	91.0	91.1	91.3	91.4	91.6	91.6
IV 2500	63.4	74.7	77.6	81.9	85.6	86.9	88.5	90.2	91.1	92.3	92.7	92.9	93.1	93.2	93.4	93.4
IV 2000	63.6	75.4	78.4	82.9	87.0	88.4	90.1	92.0	93.0	94.3	94.8	95.0	95.2	95.3	95.5	95.5
IV 1800	63.7	75.8	78.8	83.4	87.7	89.1	90.7	92.7	93.7	95.1	95.5	95.8	95.9	96.1	96.2	96.2
IV 1500	63.8	76.1	79.2	83.8	88.1	89.6	91.4	93.4	94.3	95.7	96.2	96.5	96.7	96.8	97.0	97.0
IV 1200	63.8	76.1	79.3	84.0	88.4	89.9	91.8	93.9	95.1	96.5	97.1	97.4	97.5	97.7	97.8	97.8
IV 1000	63.8	76.1	79.3	84.0	88.4	90.0	91.9	94.0	95.2	96.8	97.4	97.7	97.8	98.0	98.1	98.1
IV 900	63.8	76.1	79.3	84.0	88.4	90.0	91.9	94.0	95.4	97.0	97.6	97.9	98.1	98.2	98.4	98.4
IV 800	63.8	76.1	79.3	84.0	88.4	90.0	91.9	94.1	95.4	97.1	97.8	98.1	98.3	98.4	98.6	98.6
IV 700	63.8	76.1	79.3	84.0	88.4	90.0	91.9	94.1	95.4	97.1	97.8	98.1	98.4	98.5	98.7	98.7
IV 600	63.8	76.1	79.3	84.0	88.5	90.1	92.0	94.2	95.5	97.2	98.0	98.4	98.7	98.8	99.0	99.0
IV 500	63.8	76.1	79.3	84.0	88.5	90.1	92.0	94.3	95.7	97.4	98.2	98.5	98.9	99.0	99.2	99.2
IV 400	63.8	76.1	79.3	84.0	88.5	90.1	92.0	94.4	95.8	97.5	98.3	98.7	99.0	99.2	99.4	99.4
IV 300	63.8	76.1	79.3	84.0	88.5	90.1	92.1	94.5	95.8	97.5	98.4	98.8	99.1	99.3	99.5	99.5
IV 200	63.8	76.1	79.3	84.0	88.5	90.1	92.1	94.5	95.8	97.6	98.4	98.8	99.2	99.4	99.7	99.8
IV 100	63.8	76.1	79.3	84.0	88.5	90.1	92.1	94.5	95.8	97.6	98.4	98.8	99.2	99.5	99.8	99.9
IV 0	63.8	76.1	79.3	84.0	88.5	90.1	92.1	94.5	95.8	97.6	98.4	98.8	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2689

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 MIRTON AFB CALIF/SAH BERNARDINO 43-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
GROUPS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	49.7	57.6	59.6	62.8	65.4	66.4	67.6	68.6	69.2	69.7	69.7	69.8	69.9	69.9	69.9	69.9
≥ 20000	56.0	64.6	67.2	70.3	73.7	74.7	76.2	77.3	78.0	78.7	78.8	78.8	78.9	78.9	78.9	78.9
≥ 18000	56.3	65.0	67.6	71.2	74.1	75.2	76.7	77.8	78.5	79.2	79.2	79.3	79.4	79.4	79.4	79.4
≥ 16000	56.7	65.6	68.2	71.9	74.8	75.8	77.3	78.5	79.1	79.8	79.9	79.9	80.0	80.0	80.0	80.0
≥ 14000	57.0	66.7	69.3	73.2	76.2	77.2	78.8	80.0	80.7	81.4	81.5	81.6	81.7	81.7	81.7	81.7
≥ 12000	58.4	67.7	70.5	74.5	77.6	78.7	80.4	81.7	82.5	83.2	83.3	83.3	83.5	83.5	83.5	83.5
≥ 10000	59.1	68.6	71.5	75.6	78.9	80.1	81.7	83.1	84.0	84.7	84.8	84.8	84.9	84.9	84.9	84.9
≥ 9000	59.2	68.9	71.7	75.7	79.1	80.3	81.9	83.3	84.2	84.9	85.0	85.0	85.1	85.1	85.1	85.1
≥ 8000	59.6	69.2	72.1	76.2	79.5	80.8	82.5	83.9	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7
≥ 7000	59.7	69.3	72.2	76.3	79.7	80.9	82.6	84.1	84.9	85.7	85.8	85.8	85.9	85.9	85.9	85.9
≥ 6000	60.1	69.9	72.9	77.0	80.3	81.6	83.3	84.7	85.6	86.4	86.4	86.5	86.6	86.6	86.6	86.6
≥ 5000	61.1	71.1	74.3	78.5	82.0	83.3	85.0	86.4	87.3	88.0	88.1	88.2	88.3	88.3	88.3	88.3
≥ 4500	61.5	72.1	75.4	79.7	83.2	84.5	86.2	87.6	88.5	89.3	89.3	89.4	89.5	89.5	89.5	89.5
≥ 4000	62.4	73.1	76.5	81.0	84.8	86.0	87.8	89.2	90.1	90.9	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500	63.5	74.6	78.2	82.7	86.5	87.8	89.6	91.0	91.9	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 3000	64.3	75.8	79.7	84.3	88.3	89.7	91.5	93.0	93.9	94.7	94.7	94.8	94.9	94.9	94.9	94.9
≥ 2500	64.7	76.4	80.3	85.2	89.3	90.8	92.6	94.2	95.1	95.9	95.9	96.0	96.1	96.1	96.1	96.1
≥ 2000	64.8	77.0	81.0	86.0	90.4	92.0	94.0	95.6	96.5	97.4	97.4	97.5	97.6	97.6	97.6	97.6
≥ 1800	64.9	77.2	81.4	86.4	90.9	92.4	94.4	96.1	97.0	97.8	97.9	98.0	98.1	98.1	98.1	98.1
≥ 1500	64.9	77.3	81.6	86.6	91.1	92.6	94.8	96.5	97.5	98.3	98.4	98.5	98.6	98.6	98.7	98.7
≥ 1200	64.9	77.3	81.6	86.7	91.2	92.8	95.0	96.7	97.8	98.7	98.9	99.0	99.1	99.1	99.3	99.3
≥ 1000	64.9	77.4	81.7	86.8	91.3	92.9	95.2	96.9	98.0	99.0	99.2	99.2	99.4	99.5	99.6	99.6
≥ 900	64.9	77.4	81.7	86.8	91.3	92.9	95.2	96.9	98.0	99.1	99.3	99.3	99.5	99.6	99.7	99.7
≥ 800	64.9	77.4	81.7	86.8	91.3	92.9	95.2	97.0	98.1	99.1	99.3	99.3	99.5	99.6	99.7	99.7
≥ 700	64.9	77.4	81.7	86.8	91.3	92.9	95.2	97.0	98.1	99.1	99.3	99.4	99.6	99.7	99.7	99.7
≥ 600	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.1	99.2	99.4	99.4	99.6	99.7	99.8	99.8
≥ 500	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.2	99.3	99.4	99.5	99.7	99.8	99.9	99.9
≥ 400	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.2	99.3	99.4	99.5	99.8	99.9	100.0	100.0
≥ 300	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.2	99.3	99.4	99.5	99.8	99.9	100.0	100.0
≥ 200	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.2	99.3	99.4	99.5	99.8	99.9	100.0	100.0
≥ 100	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.2	99.3	99.4	99.5	99.8	99.9	100.0	100.0
≥ 0	64.9	77.4	81.7	86.8	91.3	92.9	95.3	97.1	98.2	99.3	99.4	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2684



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.8	52.5	56.2	59.6	63.1	64.2	66.4	67.8	68.4	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3
≥ 20000	49.7	58.3	62.4	66.6	70.6	71.9	74.4	76.0	76.8	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
IV ≥ 18000	50.0	58.7	62.8	67.0	71.0	72.4	74.8	76.5	77.2	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1
IV 16000	50.4	59.2	63.2	67.5	71.6	72.9	75.4	77.1	77.8	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
IV 14000	51.0	60.1	64.2	68.5	72.6	74.0	76.6	78.5	79.3	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3
IV 12000	52.2	61.3	65.5	69.9	74.3	75.6	78.3	80.3	81.2	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	52.9	62.3	66.5	70.9	75.4	76.8	79.6	81.6	82.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8
IV 9000	53.1	62.5	66.8	71.2	75.7	77.2	79.9	82.0	83.1	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3
IV 8000	53.3	62.8	67.1	71.7	76.2	77.6	80.4	82.5	83.6	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9
IV 7000	53.6	63.2	67.6	72.2	76.8	78.2	81.0	83.1	84.2	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4
IV 6000	54.3	64.2	68.8	73.2	77.8	79.2	81.9	84.1	85.1	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4
IV 5000	55.3	66.2	70.7	75.5	80.2	81.7	84.5	86.7	87.8	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	55.9	66.9	71.5	76.4	81.1	82.6	85.4	87.6	88.7	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0
IV 4000	56.3	67.3	72.5	77.6	82.4	83.9	86.7	88.9	90.0	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3
IV 3500	57.0	68.6	73.8	79.0	83.9	85.5	88.5	90.6	91.7	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0
IV 3000	57.4	69.4	74.8	80.3	85.3	87.1	90.1	92.2	93.3	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7
IV 2500	57.8	70.2	75.6	81.3	86.5	88.4	91.4	93.7	94.8	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1
IV 2000	57.9	70.7	76.2	81.9	87.4	89.3	92.5	94.9	96.0	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4
IV 1800	57.9	70.9	76.3	82.1	87.7	89.6	92.9	95.4	96.5	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8
IV 1500	58.0	71.0	76.6	82.5	88.1	90.3	93.4	96.0	97.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IV 1200	58.0	71.0	76.7	82.6	88.4	90.6	93.8	96.4	97.5	98.5	98.8	98.8	99.0	99.0	99.1	99.1	99.1
IV 1000	58.0	71.1	76.8	82.8	88.5	90.7	94.1	96.7	97.8	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4
IV 900	58.0	71.1	76.8	82.8	88.5	90.7	94.1	96.7	97.8	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5
IV 800	58.0	71.1	76.8	82.8	88.6	90.8	94.1	96.8	97.9	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6
IV 700	58.0	71.1	76.8	82.8	88.6	90.8	94.1	96.8	97.9	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7
IV 600	58.0	71.1	76.8	82.8	88.6	90.8	94.1	96.8	97.9	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8
IV 500	58.0	71.1	76.8	82.8	88.6	90.8	94.1	96.9	98.0	99.3	99.5	99.6	99.7	99.7	99.9	99.9	99.9
IV 400	58.0	71.1	76.8	82.8	88.6	90.8	94.2	96.9	98.1	99.3	99.6	99.6	99.8	99.8	100.0	100.0	100.0
IV 300	58.0	71.1	76.8	82.8	88.6	90.8	94.2	96.9	98.1	99.3	99.6	99.6	99.8	99.8	100.0	100.0	100.0
IV 200	58.0	71.1	76.8	82.8	88.6	90.8	94.2	96.9	98.1	99.3	99.6	99.6	99.8	99.8	100.0	100.0	100.0
IV 100	58.0	71.1	76.8	82.8	88.6	90.8	94.2	96.9	98.1	99.3	99.6	99.6	99.8	99.8	100.0	100.0	100.0
IV 0	58.0	71.1	76.8	82.8	88.6	90.8	94.2	96.9	98.1	99.3	99.6	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2680

USAF ETAC

FORM 101-64

G 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 STATION MURKIN AFB CALIF/SAN BERNARDINO 43-72 YEARS MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	42.0	51.4	55.8	61.7	65.5	67.0	69.0	70.7	71.9	72.7	73.0	73.0	73.1	73.1	73.1	73.1
≥ 20000	44.1	54.4	59.4	65.5	70.1	71.8	74.1	76.2	77.4	78.4	78.7	79.7	78.9	78.9	78.9	78.9
≥ 18000	44.3	54.8	59.8	65.9	70.5	72.2	74.5	76.6	77.8	78.8	79.1	79.1	79.3	79.3	79.3	79.3
IV 16000	44.6	55.1	60.2	66.3	71.0	72.7	75.0	77.1	78.3	79.3	79.7	79.7	79.8	79.8	79.8	79.8
IV 14000	44.9	55.5	60.6	66.8	71.7	73.3	75.7	77.8	79.0	80.0	80.5	80.5	80.6	80.6	80.6	80.6
IV 12000	45.6	56.4	61.5	67.4	72.7	74.5	76.9	79.0	80.3	81.4	81.8	81.8	81.9	81.9	81.9	81.9
IV 10000	46.0	56.8	62.0	68.4	73.4	75.3	77.7	80.1	81.4	82.5	82.9	82.9	83.0	83.0	83.0	83.0
IV 9000	46.0	57.0	62.2	68.6	73.6	75.5	77.9	80.3	81.6	82.8	83.2	83.2	83.3	83.3	83.3	83.3
IV 8000	46.3	57.4	62.6	69.0	74.0	75.9	78.4	80.8	82.1	83.3	83.7	83.7	83.8	83.8	83.8	83.8
IV 7000	46.4	57.7	62.8	69.4	74.4	76.3	78.7	81.2	82.5	83.6	84.0	84.0	84.1	84.1	84.1	84.1
IV 6000	46.8	58.4	63.6	70.2	75.3	77.2	79.6	82.0	83.3	84.5	84.9	84.9	85.0	85.0	85.0	85.0
IV 5000	47.6	59.6	65.3	71.8	76.9	78.9	81.4	83.8	85.2	86.3	86.8	86.8	86.9	86.9	86.9	86.9
IV 4500	47.8	60.3	66.0	72.6	77.7	79.6	82.1	84.6	86.0	87.1	87.5	87.5	87.7	87.7	87.7	87.7
IV 4000	48.2	61.4	67.4	74.2	79.4	81.3	83.8	86.3	87.7	88.8	89.2	89.2	89.3	89.3	89.3	89.3
IV 3500	48.6	62.9	69.0	76.0	81.2	83.3	85.9	88.5	89.9	91.0	91.5	91.5	91.6	91.6	91.6	91.6
IV 3000	48.8	63.9	70.3	77.5	82.8	84.8	87.4	90.0	91.4	92.5	93.0	93.0	93.1	93.1	93.1	93.1
IV 2500	49.0	64.8	71.3	78.7	84.1	86.3	89.0	91.6	93.0	94.2	94.6	94.6	94.7	94.7	94.7	94.7
IV 2000	49.2	65.5	72.1	79.7	85.4	87.7	90.5	93.1	94.5	95.7	96.1	96.1	96.2	96.2	96.2	96.2
IV 1800	49.3	65.8	72.6	80.3	86.2	88.5	91.3	93.9	95.3	96.5	96.9	96.9	97.0	97.0	97.0	97.0
IV 1500	49.4	66.2	73.1	81.1	86.9	89.3	92.3	95.0	96.3	97.6	98.0	98.0	98.1	98.1	98.1	98.1
IV 1200	49.4	66.3	73.3	81.3	87.4	89.8	92.8	95.6	97.0	98.2	98.7	98.7	98.8	98.8	98.8	98.8
IV 1000	49.6	66.6	73.7	81.7	88.0	90.5	93.4	96.3	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.5
IV 900	49.6	66.6	73.7	81.8	88.0	90.5	93.5	96.3	97.7	98.9	99.4	99.5	99.6	99.6	99.6	99.6
IV 800	49.6	66.6	73.7	81.8	88.0	90.5	93.5	96.3	97.7	99.0	99.5	99.5	99.6	99.6	99.6	99.6
IV 700	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.4	97.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8
IV 600	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9
IV 500	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9
IV 400	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9
IV 300	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	100.0	100.0
IV 200	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	100.0	100.0
IV 100	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	49.6	66.6	73.9	81.9	88.1	90.6	93.6	96.5	97.8	99.1	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2681

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINE  
STATION NAME

43-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	42.9	53.9	57.2	61.6	66.0	67.5	69.7	71.1	71.7	72.9	73.5	73.6	73.7	73.7	73.7	73.7
≥ 20000	44.8	55.9	59.7	64.4	69.2	71.0	73.8	75.4	76.3	77.5	78.2	78.2	78.4	78.4	78.4	78.4
IV 18000	45.2	56.4	60.3	64.9	69.8	71.6	74.3	76.0	76.9	78.0	78.8	78.8	78.9	78.9	78.9	78.9
16000	45.2	56.5	60.4	65.0	69.9	71.7	74.5	76.2	77.1	78.3	79.1	79.2	79.3	79.3	79.3	79.3
IV 14000	45.7	57.0	60.9	65.5	70.4	72.2	75.0	76.7	77.6	78.8	79.6	79.7	79.9	79.9	79.9	79.9
12000	46.1	57.5	61.4	66.2	71.0	72.8	75.7	77.4	78.2	79.5	80.3	80.3	80.5	80.5	80.5	80.5
IV 10000	46.4	57.8	61.8	66.6	71.4	73.4	76.3	78.0	78.8	80.1	80.9	80.9	81.1	81.1	81.1	81.1
9000	46.5	58.2	62.2	67.0	71.8	73.8	76.7	78.4	79.2	80.5	81.3	81.3	81.6	81.6	81.6	81.6
IV 8000	46.8	58.4	62.4	67.2	72.1	74.0	77.0	78.8	79.6	80.8	81.7	81.7	81.9	81.9	81.9	81.9
7000	47.0	58.9	62.9	67.7	72.5	74.5	77.5	79.2	80.1	81.3	82.1	82.1	82.4	82.4	82.4	82.4
IV 6000	47.3	59.5	63.5	68.4	73.3	75.2	78.2	80.0	80.8	82.1	82.9	82.9	83.2	83.2	83.2	83.2
5000	48.1	61.0	65.2	70.0	75.0	77.0	80.1	81.8	82.7	83.9	84.8	84.8	85.0	85.0	85.0	85.0
IV 4500	48.2	61.5	65.8	70.7	75.7	77.6	80.7	82.5	83.4	84.6	85.4	85.5	85.7	85.7	85.7	85.7
4000	48.5	62.2	66.6	71.5	76.5	78.5	81.6	83.3	84.2	85.4	86.2	86.3	86.5	86.5	86.5	86.5
IV 3500	48.8	63.5	67.9	72.9	77.9	79.9	83.0	84.8	85.7	87.0	87.8	87.8	88.0	88.0	88.0	88.0
3000	49.0	64.8	69.3	74.4	79.6	81.5	84.6	86.5	87.4	88.6	89.5	89.5	89.7	89.7	89.7	89.7
IV 2500	49.5	66.0	70.8	76.0	81.3	83.4	86.6	88.5	89.3	90.6	91.4	91.5	91.7	91.7	91.7	91.7
2000	49.6	67.4	72.5	77.9	83.3	85.5	88.8	90.7	91.5	92.8	93.7	93.7	93.9	93.9	93.9	93.9
IV 1800	49.8	68.0	73.2	78.9	84.3	86.5	89.8	91.7	92.6	93.9	94.7	94.8	95.0	95.0	95.0	95.0
1500	49.8	68.2	73.4	79.2	84.6	86.8	90.2	92.2	93.1	94.5	95.4	95.4	95.6	95.6	95.6	95.6
IV 1200	49.9	68.6	74.0	80.0	85.6	88.0	91.5	93.8	94.7	96.3	97.1	97.2	97.4	97.4	97.4	97.4
1000	49.9	68.7	74.1	80.2	85.8	88.2	92.1	94.7	95.6	97.2	98.1	98.2	98.4	98.4	98.4	98.4
IV 900	49.9	68.7	74.1	80.2	85.8	88.3	92.2	94.9	95.8	97.4	98.4	98.4	98.6	98.6	98.6	98.6
800	49.9	68.7	74.1	80.3	86.0	88.5	92.4	95.2	96.1	97.7	98.7	98.7	99.0	99.0	99.0	99.0
IV 700	49.9	68.7	74.1	80.3	86.1	88.5	92.5	95.2	96.2	97.9	98.8	98.9	99.1	99.1	99.1	99.1
600	49.9	68.7	74.1	80.3	86.1	88.5	92.5	95.3	96.2	98.0	98.9	99.0	99.2	99.2	99.2	99.2
IV 500	49.9	68.7	74.1	80.3	86.1	88.6	92.7	95.4	96.4	98.2	99.2	99.3	99.6	99.6	99.6	99.6
400	49.9	68.7	74.1	80.3	86.1	88.6	92.7	95.5	96.5	98.2	99.4	99.4	99.9	99.9	99.9	99.9
IV 300	49.9	68.7	74.1	80.3	86.1	88.6	92.7	95.5	96.5	98.2	99.4	99.4	99.9	99.9	99.9	99.9
200	49.9	68.7	74.1	80.3	86.1	88.6	92.7	95.5	96.5	98.2	99.4	99.4	99.9	99.9	99.9	99.9
IV 100	49.9	68.7	74.1	80.3	86.1	88.6	92.7	95.5	96.5	98.2	99.4	99.4	99.9	99.9	99.9	99.9
0	49.9	68.7	74.1	80.3	86.1	88.6	92.7	95.5	96.5	98.2	99.4	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2693

3  
DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

MOPTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET:	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	
NO CEILING	52.0	61.4	62.7	65.1	66.3	66.8	67.8	68.1	68.2	68.7	69.3	69.3	69.5	69.6	69.6	69.8
IV 20000	54.5	64.4	65.8	68.7	70.2	70.8	71.9	72.2	72.3	72.8	73.4	73.4	73.7	73.7	73.7	73.9
IV 18000	54.7	64.6	66.1	69.0	70.5	71.1	72.2	72.5	72.6	73.2	73.8	73.8	74.0	74.0	74.1	74.2
IV 16000	55.0	64.9	66.4	69.3	70.8	71.4	72.5	72.8	72.9	73.4	74.1	74.1	74.3	74.3	74.3	74.5
IV 14000	56.0	66.0	67.5	70.4	71.9	72.5	73.7	74.0	74.1	74.7	75.3	75.3	75.5	75.5	75.6	75.7
IV 12000	56.9	67.1	68.6	71.6	73.2	73.8	75.0	75.4	75.4	76.0	76.6	76.6	76.8	76.8	76.9	77.0
IV 10000	57.2	67.6	69.3	72.2	73.8	74.4	75.6	76.0	76.0	76.6	77.2	77.2	77.4	77.5	77.5	77.7
IV 9000	57.7	68.1	69.7	72.6	74.2	74.8	76.0	76.4	76.5	77.1	77.7	77.7	77.9	77.9	78.0	78.1
IV 8000	58.2	68.5	70.2	73.2	74.8	75.4	76.6	77.1	77.2	77.7	78.3	78.3	78.6	78.6	78.6	78.8
IV 7000	58.2	68.7	70.2	73.4	75.2	75.8	77.1	77.5	77.6	78.2	78.8	78.8	79.0	79.0	79.1	79.2
IV 6000	59.0	69.6	71.4	74.3	76.1	76.7	77.9	78.4	78.5	79.0	79.6	79.6	79.9	79.9	79.9	80.1
IV 5000	59.9	71.3	73.2	76.2	78.0	78.6	79.9	80.4	80.4	81.0	81.6	81.6	81.8	81.9	81.9	82.1
IV 4500	60.3	72.2	74.2	77.2	79.0	79.7	81.0	81.4	81.5	82.1	82.7	82.7	82.9	82.9	83.0	83.1
IV 4000	60.9	73.2	75.4	78.4	80.3	80.9	82.2	82.6	82.7	83.3	83.9	83.9	84.1	84.2	84.2	84.4
IV 3500	61.5	74.4	76.6	79.6	81.7	82.3	83.6	84.1	84.1	84.8	85.4	85.4	85.6	85.7	85.7	85.8
IV 3000	61.9	75.7	78.2	81.6	83.5	84.2	85.6	86.1	86.2	86.9	87.5	87.5	87.7	87.7	87.8	87.9
IV 2500	62.3	76.8	79.3	82.9	85.0	85.7	87.3	87.8	87.9	88.5	89.2	89.2	89.4	89.4	89.4	89.6
IV 2000	62.4	77.7	80.5	84.4	86.7	87.5	89.2	89.8	89.8	90.6	91.2	91.2	91.4	91.5	91.5	91.6
IV 1800	62.5	78.1	81.2	85.3	87.6	88.4	90.2	90.8	90.9	91.7	92.3	92.3	92.5	92.5	92.6	92.7
IV 1500	62.5	78.8	82.1	86.3	88.8	89.5	91.6	92.2	92.3	93.1	93.7	93.7	93.9	94.0	94.0	94.2
IV 1200	62.6	79.1	82.5	86.7	89.4	90.2	92.6	93.3	93.4	94.2	94.9	94.9	95.1	95.1	95.2	95.3
IV 1000	62.6	79.2	82.7	87.0	89.8	90.7	93.1	93.9	94.1	94.9	95.7	95.8	96.1	96.1	96.3	96.3
IV 900	62.6	79.3	82.8	87.1	90.0	90.9	93.4	94.3	94.4	95.3	96.1	96.1	96.4	96.5	96.5	96.6
IV 800	62.6	79.4	82.8	87.2	90.1	91.0	93.5	94.4	94.5	95.5	96.4	96.5	96.8	96.8	96.9	97.0
IV 700	62.6	79.4	82.8	87.2	90.1	91.1	93.6	94.6	94.7	95.7	96.6	96.7	97.0	97.0	97.0	97.2
IV 600	62.6	79.5	83.0	87.4	90.3	91.3	93.8	94.9	95.1	96.0	97.0	97.1	97.6	97.6	97.6	97.6
IV 500	62.6	79.5	83.0	87.4	90.4	91.3	94.1	95.2	95.4	96.3	97.7	97.8	98.1	98.1	98.1	98.3
IV 400	62.6	79.5	83.0	87.4	90.4	91.3	94.1	95.2	95.4	96.3	97.7	97.8	98.1	98.1	98.1	98.3
IV 300	62.6	79.5	83.0	87.4	90.4	91.3	94.1	95.2	95.5	96.6	97.8	98.1	98.5	98.5	98.6	98.7
IV 200	62.6	79.5	83.0	87.4	90.4	91.3	94.1	95.4	95.5	96.6	97.9	98.2	98.6	98.8	98.8	99.0
IV 100	62.6	79.5	83.0	87.4	90.4	91.3	94.2	95.4	95.6	96.6	98.0	98.3	98.7	98.9	99.1	99.2
IV 0	62.6	79.5	83.0	87.4	90.4	91.3	94.2	95.4	95.6	96.6	98.0	98.3	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2775

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

WORTON AFB CALIF/SAN BERNARDING

42-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	52.3	61.0	63.2	65.4	66.2	66.8	67.2	67.7	67.8	68.2	68.6	68.6	69.2	69.2	69.4	69.9
≥ 20000	55.0	64.3	66.6	69.0	69.8	70.5	70.9	71.4	71.5	72.0	72.4	72.4	73.0	73.0	73.3	73.8
IV 18000	55.3	64.8	67.0	69.4	70.2	70.9	71.3	71.8	71.9	72.4	72.8	72.8	73.4	73.4	73.7	74.2
IV 16000	55.4	64.9	67.2	69.7	70.5	71.1	71.6	72.0	72.2	72.7	73.1	73.1	73.7	73.7	73.9	74.5
IV 14000	56.2	65.8	68.1	70.6	71.4	72.1	72.5	73.0	73.1	73.7	74.1	74.1	74.6	74.7	74.9	75.5
IV 12000	56.6	66.4	68.8	71.3	72.1	72.8	73.3	73.7	73.9	74.4	74.8	74.8	75.4	75.4	75.7	76.2
IV 10000	57.4	67.2	69.6	72.1	72.9	73.5	74.1	74.5	74.7	75.2	75.6	75.6	76.2	76.2	76.5	77.0
IV 9000	57.9	67.7	70.1	72.6	73.4	74.1	74.6	75.1	75.2	75.7	76.1	76.1	76.7	76.7	77.0	77.5
IV 8000	58.2	68.0	70.5	73.0	73.8	74.5	75.0	75.5	75.6	76.2	76.6	76.6	77.2	77.2	77.5	78.0
IV 7000	58.6	68.5	71.0	73.5	74.4	75.1	75.6	76.1	76.3	76.8	77.3	77.3	77.8	77.9	78.1	78.7
IV 6000	59.4	69.5	71.9	74.6	75.4	76.2	76.7	77.2	77.4	77.9	78.3	78.3	78.9	79.0	79.2	79.7
IV 5000	60.3	71.1	73.7	76.4	77.3	78.1	78.7	79.2	79.3	79.9	80.3	80.3	80.9	80.9	81.2	81.7
IV 4500	60.9	71.7	74.3	77.0	77.9	78.7	79.3	79.8	80.0	80.5	80.9	80.9	81.5	81.5	81.8	82.3
IV 4000	61.7	73.2	75.9	78.6	79.5	80.3	80.9	81.4	81.5	82.1	82.5	82.5	83.1	83.1	83.4	83.9
IV 3500	62.0	73.9	76.7	79.4	80.4	81.2	81.8	82.3	82.5	83.0	83.4	83.4	84.0	84.0	84.3	84.8
IV 3000	62.3	74.9	78.0	80.9	82.0	82.8	83.5	84.1	84.3	85.0	85.4	85.4	86.0	86.1	86.3	86.8
IV 2500	62.8	76.0	79.3	82.3	83.8	84.6	85.4	86.1	86.3	87.0	87.4	87.4	88.0	88.0	88.3	88.8
IV 2000	63.0	76.9	80.4	83.6	85.4	86.3	87.1	87.8	88.0	88.7	89.2	89.2	89.7	89.8	90.0	90.6
IV 1800	63.2	77.3	81.0	84.3	86.3	87.4	88.3	89.0	89.2	89.9	90.4	90.4	91.0	91.0	91.2	91.8
IV 1500	63.3	77.9	81.8	85.3	87.7	88.9	90.0	90.7	90.9	91.7	92.1	92.1	92.7	92.8	93.0	93.5
IV 1200	63.3	78.5	82.5	85.3	88.8	90.0	91.2	92.1	92.3	93.1	93.5	93.5	94.1	94.2	94.4	95.0
IV 1000	63.4	78.6	82.7	86.5	89.2	90.5	91.8	92.6	92.8	93.7	94.2	94.2	94.8	94.9	95.1	95.7
IV 900	63.4	78.6	82.7	86.5	89.3	90.5	91.8	92.7	92.9	93.8	94.3	94.4	95.0	95.0	95.3	95.8
IV 800	63.4	78.6	82.7	86.5	89.4	90.6	92.0	92.9	93.0	93.9	94.6	94.6	95.2	95.2	95.5	96.0
IV 700	63.4	78.7	82.7	86.7	89.5	90.8	92.2	93.2	93.4	94.3	95.0	95.0	95.6	95.7	95.9	96.3
IV 600	63.4	78.7	82.8	86.7	89.6	90.9	92.3	93.4	93.7	94.6	95.3	95.4	96.0	96.0	96.3	96.8
IV 500	63.4	78.8	82.8	86.8	89.7	91.0	92.4	93.5	93.9	94.8	95.5	95.7	96.3	96.3	96.6	97.1
IV 400	63.4	78.8	82.8	86.8	89.7	91.0	92.4	93.5	93.9	94.9	95.7	96.0	96.6	96.7	97.0	97.5
IV 300	63.4	78.8	82.8	86.8	89.7	91.0	92.4	93.6	93.9	95.1	95.9	96.2	97.0	97.1	97.3	97.9
IV 200	63.4	78.8	82.8	86.8	89.7	91.0	92.4	93.6	93.9	95.1	95.9	96.3	97.0	97.3	97.5	98.2
IV 100	63.4	78.8	82.8	86.8	89.7	91.0	92.4	93.6	94.0	95.3	96.1	96.5	97.3	97.5	97.8	98.5
IV 0	63.4	78.8	82.8	86.8	89.7	91.0	92.4	93.6	94.0	95.3	96.1	96.5	97.3	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2775

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAJ

# CEILING VERSUS VISIBILITY

STATION 23122 MORTON AFB CALIF/SAN BERNARDING YEARS 43-72

OFF MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
NO. OF TESTS

CEILING FEET	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING IV 20000	51.1	56.2	58.0	59.4	60.3	60.7	61.3	61.9	62.1	62.8	63.3	63.3	63.8	63.8	64.2	64.6
IV 18000	56.4	62.2	64.1	65.6	66.8	67.2	67.9	68.6	68.8	69.5	70.0	70.1	70.5	70.6	71.0	71.5
IV 16000	57.1	62.8	64.7	66.3	67.5	67.9	68.5	69.3	69.4	70.2	70.7	70.7	71.2	71.3	71.7	72.2
IV 14000	57.5	63.2	65.2	66.8	67.9	68.3	69.0	69.7	69.9	70.7	71.2	71.2	71.7	71.7	72.1	72.6
IV 12000	59.4	65.5	67.5	69.0	70.2	70.7	71.4	72.2	72.4	73.1	73.6	73.6	74.1	74.2	74.6	75.1
IV 10000	60.9	67.2	69.3	71.1	72.2	72.8	73.5	74.3	74.4	75.3	75.8	75.8	76.3	76.3	76.7	77.2
IV 9000	61.7	68.2	70.3	72.1	73.3	73.8	74.5	75.3	75.5	76.3	76.8	76.8	77.3	77.4	77.8	78.3
IV 8000	62.0	68.6	70.8	72.6	73.8	74.3	75.0	75.8	75.9	76.8	77.3	77.3	77.8	77.8	78.2	78.7
IV 7000	62.3	69.2	71.4	73.2	74.5	75.0	75.8	76.6	76.7	77.6	78.1	78.1	78.6	78.7	79.1	79.6
IV 6000	62.8	69.7	72.0	73.8	75.1	75.7	76.4	77.2	77.4	78.2	78.8	78.8	79.3	79.4	79.7	80.3
IV 5000	63.4	70.4	72.7	74.6	75.8	76.5	77.2	78.0	78.2	79.1	79.6	79.6	80.1	80.2	80.6	81.1
IV 4500	64.6	72.0	74.4	76.4	77.7	78.3	79.1	80.0	80.2	81.1	81.6	81.7	82.1	82.2	82.6	83.1
IV 4000	65.0	72.7	75.2	77.2	78.5	79.1	79.9	80.8	81.0	81.9	82.4	82.5	82.9	83.0	83.4	83.9
IV 3000	65.7	73.8	76.3	78.3	79.7	80.5	81.2	82.2	82.4	83.3	83.8	83.9	84.3	84.4	84.8	85.4
IV 3000 3000	66.3	75.0	77.6	79.7	81.1	81.9	82.8	83.7	84.0	84.8	85.4	85.5	85.9	86.0	86.4	86.9
IV 2500	67.1	76.2	79.0	81.2	82.8	83.6	84.6	85.5	85.8	86.8	87.3	87.4	87.8	87.9	88.3	88.8
IV 2000	67.5	77.0	79.8	82.2	83.9	84.8	85.9	87.1	87.4	88.4	88.9	89.0	89.5	89.6	89.9	90.5
IV 1800	67.8	77.7	80.6	83.3	85.2	86.2	87.4	88.7	89.0	90.1	90.6	90.7	91.2	91.3	91.7	92.3
IV 1500	67.9	78.1	81.1	83.8	86.0	87.0	88.3	89.6	89.9	91.0	91.5	91.6	92.1	92.2	92.6	93.2
IV 1200	68.0	78.5	81.7	84.5	86.8	87.8	89.2	90.7	91.0	92.2	92.9	93.0	93.5	93.6	94.0	94.6
IV 1000	68.1	78.9	82.0	85.0	87.4	88.5	89.9	91.5	91.8	93.1	93.9	94.0	94.5	94.6	95.0	95.6
IV 900	68.1	78.9	82.2	85.2	87.6	88.8	90.6	92.2	92.6	94.0	94.8	94.9	95.3	95.3	95.7	96.3
IV 800	68.1	78.9	82.2	85.2	87.7	88.9	90.7	92.4	92.7	94.3	95.0	95.2	95.7	95.7	96.1	96.6
IV 700	68.1	78.9	82.2	85.2	87.8	89.0	90.8	92.5	92.9	94.4	95.2	95.3	95.9	96.1	96.5	97.1
IV 600	68.1	79.0	82.3	85.3	87.9	89.1	91.0	92.7	93.2	94.8	95.6	95.8	96.4	96.4	97.0	97.6
IV 500	68.1	79.0	82.3	85.3	87.9	89.1	91.0	92.7	93.2	94.9	95.7	95.9	96.6	96.8	97.2	97.7
IV 400	68.1	79.0	82.3	85.3	87.9	89.1	91.0	92.7	93.2	94.9	95.8	96.0	96.7	97.0	97.4	97.9
IV 300	68.1	79.0	82.3	85.3	87.9	89.1	91.0	92.7	93.3	95.0	95.9	96.1	96.8	97.1	97.5	98.1
IV 200	68.1	79.0	82.3	85.3	87.9	89.1	91.0	92.8	93.3	95.0	95.9	96.2	97.0	97.3	97.8	98.4
IV 100	68.1	79.0	82.3	85.3	88.0	89.2	91.1	92.8	93.4	95.1	96.0	96.2	97.1	97.4	98.0	98.6
IV 0	68.1	79.0	82.3	85.3	88.0	89.2	91.1	92.8	93.4	95.1	96.0	96.2	97.1	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2765

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122

MIRTON AFB CALIF/SAN BERNARDINO

43-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	50.8	55.8	57.6	59.2	60.2	61.1	61.5	62.3	62.6	62.9	63.1	63.1	63.3	63.3	63.4
≥ 20000	59.0	65.0	67.0	69.0	70.5	71.5	72.0	72.8	73.2	73.6	73.8	73.8	74.0	74.1	74.1
≥ 18000	59.4	65.5	67.5	69.5	71.0	72.0	72.5	73.3	73.7	74.1	74.3	74.3	74.5	74.6	74.7
IV 16000	60.0	66.1	68.2	70.2	71.7	72.7	73.2	74.1	74.4	74.8	75.0	75.1	75.3	75.4	75.4
IV 14000	61.9	68.3	70.5	72.7	74.2	75.3	75.8	76.7	77.0	77.4	77.7	77.7	77.9	78.0	78.0
IV 12000	63.7	70.4	72.9	74.9	76.6	77.7	78.3	79.1	79.5	80.0	80.2	80.2	80.5	80.5	80.6
IV 10000	64.9	71.9	74.1	76.5	78.3	79.3	79.9	80.8	81.2	81.6	81.8	81.9	82.2	82.3	82.4
IV 9000	65.3	72.5	74.8	77.2	79.0	80.0	80.6	81.5	81.9	82.3	82.5	82.6	82.9	83.0	83.1
IV 8000	65.9	73.2	75.5	77.9	79.7	80.7	81.3	82.2	82.6	83.1	83.3	83.4	83.7	83.8	83.9
IV 7000	66.2	73.5	75.8	78.2	80.0	81.1	81.7	82.6	83.0	83.4	83.6	83.7	84.1	84.2	84.2
IV 6000	66.7	74.2	76.5	78.9	80.8	81.8	82.5	83.4	83.8	84.3	84.6	84.7	85.0	85.1	85.2
IV 5000	67.7	75.6	78.0	80.5	82.4	83.5	84.2	85.1	85.6	86.1	86.3	86.4	86.8	86.9	86.9
IV 4500	68.3	76.4	78.8	81.3	83.2	84.4	85.1	86.0	86.5	87.0	87.2	87.3	87.7	87.8	87.8
IV 4000	68.8	77.4	80.0	82.5	84.6	85.9	86.6	87.7	88.1	88.6	88.8	89.0	89.3	89.4	89.5
IV 3500	69.2	78.0	80.7	83.3	85.4	86.8	87.5	88.6	89.0	89.6	89.8	89.9	90.2	90.3	90.4
IV 3000	69.9	79.2	82.0	84.7	86.9	88.3	89.3	90.3	90.7	91.3	91.5	91.7	92.0	92.1	92.2
IV 2500	70.2	80.1	82.9	85.9	88.2	89.6	90.6	91.7	92.3	92.9	93.1	93.2	93.6	93.7	93.7
IV 2000	70.5	80.9	84.0	87.0	89.3	90.9	91.9	93.3	93.8	94.5	94.7	94.8	95.1	95.2	95.3
IV 1800	70.5	81.1	84.1	87.2	89.6	91.2	92.3	93.6	94.4	95.0	95.2	95.3	95.7	95.8	95.8
IV 1500	70.7	81.3	84.5	87.7	90.3	91.9	93.1	94.9	95.5	96.2	96.4	96.4	96.9	97.0	97.0
IV 1200	70.7	81.5	84.8	88.0	90.6	92.3	93.6	95.5	96.2	96.9	97.2	97.3	97.7	97.7	97.8
IV 1000	70.7	81.6	84.9	88.3	91.0	92.7	94.0	96.1	96.8	97.6	97.9	98.0	98.3	98.4	98.5
IV 900	70.7	81.6	84.9	88.3	91.0	92.7	94.0	96.1	96.9	97.7	97.9	98.0	98.4	98.5	98.5
IV 800	70.7	81.6	84.9	88.3	91.0	92.7	94.0	96.1	97.0	97.8	98.1	98.2	98.6	98.7	98.8
IV 700	70.7	81.6	84.9	88.3	91.1	92.8	94.1	96.2	97.1	97.9	98.2	98.3	98.7	98.9	99.0
IV 600	70.7	81.6	84.9	88.3	91.1	92.8	94.1	96.3	97.2	98.1	98.3	98.5	98.9	99.1	99.2
IV 500	70.7	81.6	85.0	88.4	91.2	92.9	94.2	96.3	97.3	98.2	98.5	98.6	99.1	99.2	99.3
IV 400	70.7	81.6	85.0	88.4	91.2	92.9	94.2	96.3	97.3	98.2	98.5	98.6	99.1	99.3	99.4
IV 300	70.7	81.6	85.0	88.4	91.2	92.9	94.2	96.4	97.3	98.2	98.5	98.6	99.2	99.5	99.6
IV 200	70.7	81.6	85.0	88.4	91.2	92.9	94.2	96.4	97.3	98.2	98.5	98.6	99.3	99.6	99.7
IV 100	70.7	81.6	85.0	88.4	91.2	92.9	94.2	96.4	97.3	98.2	98.5	98.6	99.3	99.6	99.7
IV 0	70.7	81.6	85.0	88.4	91.2	92.9	94.2	96.4	97.3	98.2	98.5	98.6	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2779

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 23122 HIRTON AFB CALIF/SAN BERNARDINO STATION NAME: 43-72 YEARS: MONTH: RFC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.00	≥0
NO CEILING	51.3	56.7	57.8	59.3	60.3	60.7	61.4	62.1	62.4	62.6	62.9	62.9	62.9	62.9	62.9	63.0
IV 20000	60.3	67.2	66.7	70.9	72.3	72.7	73.4	74.2	74.6	74.8	75.2	75.2	75.2	75.2	75.2	75.3
IV 18000	60.8	67.6	69.2	71.4	72.8	73.2	73.9	74.7	75.1	75.4	75.7	75.7	75.8	75.8	75.8	75.8
IV 16000	61.2	68.2	69.7	72.0	73.4	73.8	74.5	75.4	75.7	76.0	76.3	76.3	76.4	76.4	76.4	76.4
IV 14000	62.4	69.9	71.5	73.9	75.5	75.9	76.7	77.6	77.9	78.2	78.6	78.6	78.6	78.6	78.6	78.7
IV 12000	64.0	71.8	73.5	76.2	78.0	78.4	79.2	80.2	80.5	80.8	81.1	81.1	81.2	81.2	81.2	81.3
IV 10000	65.2	73.1	75.0	77.7	79.5	79.9	80.8	81.8	82.1	82.4	82.8	82.9	82.9	83.0	83.0	83.0
IV 9000	66.0	74.0	75.9	78.7	80.5	80.9	81.8	82.8	83.1	83.4	83.8	83.9	84.0	84.0	84.0	84.0
IV 8000	66.3	74.5	76.4	79.1	81.0	81.4	82.3	83.3	83.6	84.0	84.3	84.4	84.5	84.5	84.5	84.5
IV 7000	66.5	74.7	76.6	79.3	81.3	81.6	82.5	83.6	83.9	84.2	84.6	84.7	84.7	84.8	84.8	84.8
IV 6000	67.2	75.7	77.7	80.4	82.4	82.8	83.7	84.7	85.0	85.4	85.8	85.8	85.9	85.9	85.9	85.9
IV 5000	68.0	76.9	79.0	81.8	83.8	84.2	85.2	86.3	86.6	86.9	87.3	87.4	87.4	87.5	87.5	87.5
IV 4500	69.0	78.0	80.1	83.0	85.1	85.5	86.4	87.5	87.9	88.2	88.6	88.7	88.7	88.8	88.8	88.8
IV 4000	69.9	79.3	81.5	84.5	86.6	87.1	88.2	89.3	89.7	90.0	90.4	90.4	90.5	90.5	90.5	90.6
IV 3500	70.6	80.5	82.8	85.9	88.2	88.6	89.7	90.9	91.2	91.5	91.9	92.0	92.0	92.1	92.1	92.1
IV 3000	71.5	81.8	84.2	87.5	89.9	90.4	91.4	92.7	93.0	93.3	93.7	93.8	93.8	93.9	93.9	93.9
IV 2500	71.9	82.8	85.2	88.8	91.3	91.8	92.9	94.2	94.6	94.9	95.3	95.3	95.4	95.4	95.4	95.5
IV 2000	72.1	83.6	86.1	90.0	92.7	93.3	94.4	95.7	96.1	96.4	96.8	96.9	96.9	97.0	97.0	97.0
IV 1800	72.1	83.7	86.2	90.1	92.9	93.6	94.7	96.1	96.5	96.8	97.2	97.3	97.3	97.4	97.4	97.4
IV 1500	72.1	84.0	86.5	90.5	93.7	94.4	95.7	97.2	97.6	98.0	98.4	98.4	98.5	98.5	98.5	98.6
IV 1200	72.2	84.0	86.6	90.7	93.9	94.6	96.0	97.7	98.1	98.5	98.9	98.9	99.0	99.0	99.0	99.1
IV 1000	72.2	84.1	86.8	90.9	94.1	94.8	96.2	97.9	98.4	98.8	99.2	99.3	99.4	99.4	99.4	99.4
IV 900	72.2	84.1	86.8	90.9	94.1	94.8	96.3	98.0	98.4	98.8	99.3	99.3	99.4	99.4	99.4	99.5
IV 800	72.2	84.1	86.8	90.9	94.1	94.8	96.3	98.0	98.5	98.9	99.3	99.4	99.5	99.5	99.5	99.5
IV 700	72.2	84.1	86.8	91.0	94.2	94.9	96.4	98.1	98.5	99.0	99.4	99.5	99.6	99.6	99.6	99.6
IV 600	72.2	84.1	86.8	91.0	94.2	94.9	96.4	98.2	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.9
IV 500	72.2	84.1	86.8	91.0	94.3	95.0	96.5	98.2	98.7	99.1	99.6	99.8	99.9	99.9	99.9	99.9
IV 400	72.2	84.1	86.8	91.0	94.3	95.0	96.5	98.3	98.7	99.2	99.7	99.8	99.9	99.9	99.9	100.0
IV 300	72.2	84.1	86.8	91.0	94.3	95.0	96.5	98.3	98.7	99.2	99.7	99.8	99.9	99.9	100.0	100.0
IV 200	72.2	84.1	86.8	91.0	94.3	95.0	96.5	98.3	98.7	99.2	99.7	99.8	99.9	99.9	100.0	100.0
IV 100	72.2	84.1	86.8	91.0	94.3	95.0	96.5	98.3	98.7	99.2	99.7	99.8	99.9	99.9	100.0	100.0
IV 0	72.2	84.1	86.8	91.0	94.3	95.0	96.5	98.3	98.7	99.2	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2779



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	48.1	54.5	56.3	57.9	59.2	60.0	60.5	61.3	61.8	62.2	62.7	62.7	62.7	62.7	62.7	62.8
IV ≥ 18000	54.9	62.9	65.2	67.4	69.0	69.9	70.8	71.9	72.5	73.0	73.5	73.5	73.5	73.6	73.6	73.6
IV ≥ 16000	55.1	63.1	65.4	67.7	69.3	70.2	71.2	72.2	72.8	73.5	73.9	74.0	74.0	74.0	74.0	74.1
IV ≥ 14000	55.4	63.6	65.8	68.1	69.7	70.6	71.6	72.6	73.2	73.9	74.4	74.4	74.5	74.5	74.5	74.5
IV ≥ 12000	57.0	65.8	68.3	70.7	72.4	73.3	74.3	75.4	76.0	76.6	77.1	77.2	77.3	77.3	77.3	77.3
IV ≥ 10000	58.1	67.3	69.9	72.5	74.3	75.2	76.4	77.5	78.1	78.8	79.3	79.4	79.5	79.5	79.5	79.5
IV ≥ 9000	59.2	68.9	71.6	74.3	76.3	77.1	78.3	79.5	80.1	80.8	81.4	81.5	81.6	81.6	81.6	81.6
IV ≥ 8000	60.1	69.9	72.6	75.3	77.3	78.2	79.4	80.6	81.3	82.0	82.5	82.6	82.7	82.7	82.7	82.8
IV ≥ 7000	60.8	70.9	73.5	76.3	78.3	79.2	80.6	81.7	82.5	83.2	83.7	83.8	83.9	83.9	83.9	84.0
IV ≥ 6000	61.4	71.8	74.6	77.4	79.5	80.3	81.7	82.9	83.6	84.3	84.9	85.0	85.1	85.1	85.1	85.1
IV ≥ 5000	62.1	72.9	75.7	78.6	80.6	81.5	82.9	84.0	84.8	85.5	86.0	86.1	86.2	86.2	86.2	86.3
IV ≥ 4500	62.9	74.3	77.2	80.1	82.3	83.3	84.8	86.0	86.7	87.4	87.9	88.1	88.2	88.2	88.2	88.2
IV ≥ 4000	63.7	75.2	78.2	81.2	83.5	84.4	85.8	87.0	87.8	88.5	89.0	89.1	89.2	89.2	89.2	89.3
IV ≥ 3500	64.9	77.3	80.3	83.4	85.8	86.7	88.1	89.4	90.1	90.9	91.4	91.5	91.6	91.6	91.6	91.7
IV ≥ 3000	65.5	78.3	81.5	84.8	87.3	88.2	89.6	90.9	91.7	92.4	93.0	93.1	93.2	93.2	93.2	93.2
IV ≥ 2500	65.8	79.2	82.6	86.1	88.6	89.5	90.9	92.3	93.0	93.8	94.3	94.4	94.5	94.5	94.5	94.5
IV ≥ 2000	66.2	80.1	83.6	87.1	89.8	90.8	92.2	93.7	94.4	95.2	95.7	95.8	95.9	95.9	95.9	96.0
IV ≥ 1800	66.6	81.0	84.4	88.2	90.9	91.8	93.5	94.9	95.8	96.5	97.1	97.2	97.3	97.3	97.3	97.3
IV ≥ 1500	66.6	81.4	84.8	88.6	91.7	92.7	94.4	95.9	96.8	97.6	98.2	98.3	98.4	98.4	98.4	98.5
IV ≥ 1200	66.7	81.5	84.9	89.0	91.9	93.1	94.8	96.3	97.3	98.1	98.7	98.8	98.9	98.9	98.9	99.0
IV ≥ 1000	66.7	81.5	85.0	89.1	92.3	93.4	95.2	96.8	97.7	98.6	99.3	99.4	99.5	99.5	99.5	99.6
IV ≥ 900	66.7	81.5	85.0	89.1	92.3	93.5	95.3	96.8	97.8	98.7	99.4	99.5	99.6	99.6	99.6	99.6
IV ≥ 800	66.7	81.6	85.1	89.1	92.3	93.5	95.3	96.9	97.8	98.8	99.5	99.6	99.7	99.7	99.7	99.8
IV ≥ 700	66.7	81.6	85.1	89.1	92.4	93.5	95.4	96.9	97.9	98.8	99.5	99.6	99.8	99.8	99.8	99.8
IV ≥ 600	66.7	81.6	85.1	89.1	92.4	93.5	95.4	97.0	97.9	98.9	99.6	99.7	99.9	99.9	99.9	99.9
IV ≥ 500	66.7	81.6	85.1	89.2	92.4	93.6	95.5	97.1	98.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0
IV ≥ 400	66.7	81.6	85.1	89.2	92.4	93.6	95.5	97.1	98.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0
IV ≥ 300	66.7	81.6	85.1	89.2	92.4	93.6	95.5	97.1	98.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0
IV ≥ 200	66.7	81.6	85.1	89.2	92.4	93.6	95.5	97.1	98.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0
IV ≥ 100	66.7	81.6	85.1	89.2	92.4	93.6	95.5	97.1	98.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0
IV ≥ 0	66.7	81.6	85.1	89.2	92.4	93.6	95.5	97.1	98.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2770

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122  
STATION

WRIGHT AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

YEARS

1 FC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	49.1	58.5	60.8	63.2	64.5	65.5	66.2	66.7	66.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	52.0	62.4	64.8	67.7	69.8	70.5	71.6	72.3	72.6	73.3	73.9	74.0	74.0	74.0	74.0	74.0
IV 18000	52.2	62.7	65.2	68.1	69.8	70.9	72.0	72.8	73.1	73.8	74.4	74.4	74.5	74.5	74.5	74.5
IV 16000	52.5	63.1	65.6	68.5	70.2	71.3	72.5	73.2	73.5	74.2	74.8	74.9	74.9	74.9	74.9	74.9
IV 14000	53.5	64.5	67.1	70.0	71.8	72.9	74.2	75.0	75.3	76.0	76.6	76.6	76.7	76.7	76.7	76.7
IV 12000	54.4	66.2	68.8	71.8	73.5	74.7	76.0	76.9	77.2	77.9	78.6	78.7	78.7	78.7	78.7	78.7
IV 10000	55.4	67.5	70.2	73.2	74.9	76.2	77.5	78.4	78.7	79.4	80.1	80.2	80.2	80.2	80.2	80.2
IV 9000	56.1	68.3	70.9	73.9	75.7	76.9	78.2	79.3	79.5	80.3	80.9	81.0	81.1	81.1	81.1	81.1
IV 8000	56.5	69.3	71.9	75.0	76.9	78.1	79.5	80.5	80.8	81.5	82.1	82.3	82.3	82.3	82.3	82.3
IV 7000	56.9	70.0	72.7	75.7	77.6	78.8	80.2	81.2	81.5	82.2	82.9	83.0	83.0	83.0	83.0	83.0
IV 6000	57.6	71.0	73.7	76.8	78.6	79.9	81.3	82.3	82.6	83.3	83.9	84.1	84.1	84.1	84.1	84.1
IV 5000	58.9	73.0	75.9	79.2	81.2	82.5	83.9	84.9	85.2	85.9	86.6	86.7	86.8	86.8	86.8	86.8
IV 4500	59.7	74.2	77.2	80.5	82.5	83.8	85.3	86.3	86.5	87.3	88.0	88.1	88.1	88.1	88.1	88.1
IV 4000	60.6	75.5	78.7	82.1	84.3	85.5	87.0	88.1	88.3	89.1	89.8	89.9	89.9	89.9	89.9	89.9
IV 3500	61.2	76.8	80.2	83.9	86.1	87.5	89.0	90.0	90.3	91.1	91.7	91.8	91.9	91.9	91.9	91.9
IV 3000	61.5	77.6	81.1	85.0	87.3	88.6	90.2	91.2	91.5	92.2	92.9	93.0	93.1	93.1	93.1	93.1
IV 2500	61.9	78.4	82.2	86.2	88.5	89.8	91.5	92.6	92.9	93.6	94.3	94.4	94.4	94.4	94.4	94.4
IV 2000	62.3	79.5	83.4	87.6	90.1	91.5	93.3	94.5	94.8	95.6	96.4	96.5	96.5	96.5	96.5	96.5
IV 1800	62.3	79.9	83.8	88.0	90.7	92.0	94.0	95.2	95.6	96.4	97.1	97.2	97.3	97.3	97.3	97.3
IV 1500	62.3	80.2	84.2	88.6	91.3	92.7	94.6	95.9	96.3	97.1	97.8	97.9	98.0	98.0	98.0	98.0
IV 1200	62.3	80.3	84.3	88.7	91.6	93.0	95.0	96.4	96.8	97.7	98.4	98.5	98.6	98.6	98.6	98.6
IV 1000	62.4	80.4	84.5	89.0	91.8	93.3	95.4	96.8	97.2	98.1	98.8	98.9	99.0	99.0	99.0	99.0
IV 900	62.4	80.4	84.5	89.0	91.9	93.3	95.4	96.8	97.2	98.1	98.9	99.0	99.0	99.0	99.0	99.0
IV 800	62.4	80.4	84.6	89.0	92.0	93.4	95.5	96.9	97.3	98.2	99.0	99.1	99.1	99.1	99.1	99.1
IV 700	62.4	80.4	84.6	89.0	92.0	93.4	95.5	96.9	97.3	98.3	99.2	99.3	99.4	99.4	99.4	99.4
IV 600	62.4	80.4	84.6	89.0	92.0	93.5	95.6	97.0	97.4	98.4	99.3	99.4	99.5	99.5	99.5	99.5
IV 500	62.4	80.4	84.6	89.0	92.0	93.5	95.7	97.1	97.4	98.5	99.4	99.5	99.7	99.7	99.7	99.7
IV 400	62.4	80.4	84.6	89.1	92.1	93.7	95.8	97.2	97.5	98.6	99.5	99.7	99.8	99.8	99.8	99.8
IV 300	62.4	80.4	84.6	89.1	92.1	93.7	95.8	97.2	97.6	98.7	99.6	99.8	99.9	99.9	99.9	99.9
IV 200	62.4	80.4	84.6	89.1	92.1	93.7	95.8	97.2	97.6	98.7	99.6	99.8	100.0	100.0	100.0	100.0
IV 100	62.4	80.4	84.6	89.1	92.1	93.7	95.8	97.2	97.6	98.7	99.6	99.8	100.0	100.0	100.0	100.0
IV 0	62.4	80.4	84.6	89.1	92.1	93.7	95.8	97.2	97.6	98.7	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2772

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

1 EC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
 GROUP 1-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01	
NO CEILING	52.1	60.9	62.8	65.0	66.3	66.9	68.0	68.5	68.6	68.9	69.6	69.6	69.8	69.9	69.9	69.9
≥ 20000	54.7	62.9	60.1	68.7	70.5	71.1	72.4	72.9	73.1	73.4	74.0	74.1	74.3	74.4	74.4	74.4
IV 18000	54.9	64.2	66.3	68.9	70.7	71.4	72.8	73.3	73.4	73.8	74.4	74.4	74.7	74.7	74.8	74.8
16000	55.1	64.4	66.5	69.1	70.9	71.6	73.0	73.6	73.7	74.0	74.6	74.7	74.9	75.0	75.0	75.0
IV 14000	56.1	65.6	67.9	70.9	72.3	73.0	74.4	75.0	75.1	75.4	76.0	76.1	76.3	76.4	76.4	76.4
12000	56.9	66.4	68.7	71.4	73.2	73.9	75.3	75.9	76.0	76.4	77.0	77.0	77.3	77.3	77.4	77.4
IV 10000	57.7	67.2	69.7	72.3	74.1	74.9	76.3	76.9	77.0	77.4	78.0	78.0	78.3	78.4	78.4	78.4
9000	58.2	67.9	70.3	72.9	74.7	75.5	76.9	77.5	77.6	78.0	78.6	78.6	78.9	79.0	79.0	79.0
IV 8000	58.5	68.4	70.9	73.6	75.5	76.2	77.8	78.3	78.4	78.8	79.4	79.5	79.7	79.8	79.8	79.8
7000	59.2	69.3	71.8	74.5	76.4	77.1	78.7	79.2	79.3	79.7	80.3	80.4	80.6	80.7	80.7	80.7
IV 6000	59.6	70.3	72.8	75.5	77.5	78.2	79.8	80.3	80.4	80.8	81.5	81.5	81.7	81.8	81.9	81.9
5000	60.5	72.0	74.7	77.5	79.4	80.1	81.7	82.3	82.4	82.8	83.5	83.5	83.8	83.9	83.9	83.9
IV 4500	61.3	73.3	76.0	78.7	80.6	81.4	83.0	83.5	83.7	84.1	84.8	84.8	85.1	85.2	85.2	85.2
4000	62.0	74.5	77.4	80.2	82.1	82.9	84.5	85.1	85.2	85.6	86.3	86.4	86.7	86.7	86.8	86.8
IV 3500	62.5	75.8	78.8	81.9	83.9	84.7	86.3	86.9	87.0	87.4	88.1	88.2	88.5	88.5	88.6	88.6
3000	62.7	76.7	79.9	83.1	85.1	86.0	87.6	88.2	88.3	88.7	89.5	89.5	89.8	89.9	89.9	89.9
IV 2500	63.1	77.7	81.2	84.6	86.7	87.5	89.3	89.9	90.0	90.4	91.2	91.2	91.5	91.6	91.6	91.6
2000	63.3	79.0	82.7	86.3	88.6	89.4	91.4	92.0	92.2	92.7	93.4	93.5	93.7	93.8	93.8	93.8
IV 1800	63.3	79.1	83.0	86.7	89.1	90.0	92.1	92.9	93.1	93.6	94.3	94.4	94.7	94.7	94.8	94.8
1500	63.3	79.7	83.8	87.7	90.2	91.1	93.3	94.2	94.4	95.1	95.8	95.9	96.1	96.2	96.2	96.2
IV 1200	63.4	80.1	84.2	88.2	90.8	91.7	94.0	95.0	95.2	95.9	96.6	96.7	97.0	97.0	97.1	97.1
1000	63.4	80.1	84.2	88.2	91.1	92.0	94.3	95.4	95.7	96.4	97.1	97.2	97.4	97.5	97.5	97.5
IV 900	63.4	80.1	84.3	88.3	91.3	92.2	94.6	95.7	96.0	96.7	97.4	97.5	97.7	97.8	97.8	97.8
800	63.4	80.2	84.4	88.4	91.3	92.2	94.7	95.7	96.0	96.7	97.5	97.6	97.8	97.9	97.9	97.9
IV 700	63.4	80.2	84.4	88.4	91.3	92.2	94.7	95.8	96.1	96.9	97.8	97.9	98.2	98.2	98.3	98.3
600	63.4	80.2	84.5	88.6	91.6	92.6	95.1	96.2	96.5	97.4	98.3	98.4	98.7	98.7	98.8	98.8
IV 500	63.4	80.2	84.5	88.6	91.7	92.6	95.1	96.4	96.8	97.7	98.7	98.7	99.0	99.1	99.1	99.1
400	63.4	80.3	84.5	88.6	91.7	92.7	95.2	96.4	96.9	97.8	98.7	98.8	99.1	99.2	99.2	99.2
IV 300	63.4	80.3	84.5	88.6	91.7	92.7	95.3	96.5	97.0	97.9	99.1	99.2	99.5	99.5	99.6	99.6
200	63.4	80.3	84.5	88.6	91.7	92.7	95.3	96.5	97.0	97.9	99.1	99.2	99.5	99.6	99.6	99.6
IV 100	63.4	80.3	84.5	88.6	91.7	92.7	95.3	96.5	97.0	97.9	99.1	99.2	99.5	99.6	99.7	99.7
0	63.4	80.3	84.5	88.6	91.7	92.7	95.3	96.5	97.0	97.9	99.1	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2772

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in ktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

SKY COVER

23122 NORTON AFB CALIF/SAN BERNARDINO

46-72

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	33.7	4.7	4.7	5.3	3.9	2.8	4.0	4.7	6.2	4.4	25.7	4.6	19755
FEB		33.1	4.0	4.6	5.1	3.8	3.0	3.6	4.0	5.7	4.3	28.8	4.8	18012
MAR		27.9	4.5	5.0	5.4	4.1	3.2	3.6	4.5	6.6	4.6	30.6	5.2	19734
APR		28.8	4.6	5.2	5.1	4.6	3.3	3.3	4.1	5.9	4.3	30.9	5.1	18597
MAY		29.9	6.8	5.8	5.8	4.2	3.0	3.1	3.3	4.7	3.5	29.9	4.8	19894
JUN		41.5	9.4	8.2	5.6	3.3	2.4	1.4	2.2	2.5	1.6	21.9	3.4	18960
JUL		49.7	9.9	8.0	7.6	4.4	3.0	2.4	3.2	3.2	2.0	6.7	2.3	19618
AUG		47.5	10.8	9.6	8.2	4.6	3.1	2.3	2.6	2.7	1.9	6.8	2.3	19991
SEP		48.9	9.0	8.7	6.9	4.3	2.5	2.4	2.1	2.5	1.5	11.4	2.5	18670
OCT		41.5	7.5	7.0	6.9	4.4	3.0	2.7	3.3	3.9	3.2	16.7	3.4	19944
NOV		41.1	5.7	5.6	5.8	3.7	2.9	3.1	3.8	4.4	4.6	19.3	3.8	19255
DEC		37.4	5.5	5.8	5.9	3.6	2.6	3.3	3.9	5.6	4.4	22.0	4.1	19966
TOTALS		38.4	6.9	6.5	6.1	4.1	2.9	2.9	3.5	4.5	3.4	20.9	3.9	232396





























DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## 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 presentation 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 deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
  
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
  
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 all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computations 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 tabulations 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 available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

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

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 23122  
 STATION

NORTON AFB CALIF/SAN BERNARDINO 43-72  
 STATION NAME

DAILY TEMPERATURES

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						.1	.1	.4	.6				.1
105						1.0	3.4	3.5	3.8	.1			1.0
100					1.6	4.8	17.7	18.2	16.3	1.8			5.1
95			.1	1.4	3.3	17.4	53.7	53.4	38.3	10.0			15.0
90	.1	.2	.6	6.9	12.5	37.4	84.6	80.0	59.2	22.5	2.1		25.8
85	.8	2.5	3.9	17.0	26.7	54.4	95.9	93.5	75.3	38.8	8.7	.1	33.1
80	4.6	8.8	14.1	30.4	44.1	71.0	99.9	98.4	86.6	55.7	22.1	2.0	45.0
75	12.9	20.9	28.5	47.0	63.2	85.5	100.0	99.9	94.7	72.2	38.4	12.3	56.5
70	26.6	36.8	45.6	62.1	80.1	93.1		100.0	99.1	85.9	54.1	28.8	67.8
65	43.1	55.9	61.9	77.2	90.8	97.9			100.0	95.4	72.9	47.2	78.6
60	61.9	75.1	81.0	89.0	96.9	99.8				99.0	89.9	69.6	80.5
55	83.3	91.2	94.0	97.8	99.8	100.0				100.0	98.2	87.1	93.9
50	96.2	98.9	98.9	99.8	100.0						99.9	97.3	99.3
45	99.1	100.0	100.0	100.0								99.4	99.9
40	100.0										100.0	100.0	100.0
MEAN	63.4	66.4	68.4	73.4	77.9	83.1	94.7	94.3	90.7	81.1	71.2	64.2	77.6
S D	9.114	7.013	7.390	10.598	9.787	9.716	5.527	6.125	8.989	9.909	9.248	8.200	14.214
TOTAL OBS.	916	846	936	900	918	900	930	930	900	899	876	936	10871

DATA PROCESSING BRANCH

USAF ETAC

AIR WEATHER SERVICE/MAC

23122

NORTON AFB CALIF/SAN BERNARDINO

43-72

STATION

STATION NAME

YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
75							.3	.4	.3				.1
70							3.0	5.2	2.1				.9
65						1.4	22.0	27.7	12.7				5.5
60	.1			.1	.4	13.8	54.8	62.6	39.8	5.8	.1		15.0
55	.4	.9	.2	3.0	24.4	58.4	85.7	89.5	72.2	25.6	3.1	.2	30.8
50	4.5	8.3	9.2	33.2	65.7	90.3	99.4	99.2	92.1	58.6	14.0	4.0	48.6
45	15.6	25.4	36.3	64.2	90.4	98.3	100.0	100.0	99.7	88.0	42.5	14.5	64.8
40	37.0	54.4	72.7	89.4	99.1	100.0			100.0	97.8	72.4	42.5	80.5
35	67.8	82.1	91.9	98.9	100.0					99.8	94.5	76.6	92.6
33	77.6	90.7	96.2	99.9						99.9	98.2	86.0	95.7
30	91.3	98.0	99.5	100.0						100.0	99.8	95.5	98.7
25	99.7	100.0	100.0								100.0	99.9	100.0
20	100.0											100.0	100.0
MEAN	37.7	40.4	42.5	46.5	50.9	55.1	60.3	61.1	57.8	50.8	43.3	38.8	46.8
S D	6.308	6.068	5.290	5.271	4.555	4.289	5.083	5.186	5.670	5.528	5.687	5.591	5.748
TOTAL OBS	916	848	930	900	918	900	930	930	900	899	870	930	10871

DATA PROCESSING BRANCH  
USAF ETAC

AIR WEATHER SERVICE/MAC

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO

43-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90							.4	.2	.6				.1
85						.1	6.2	7.7	6.2				1.7
80					.4	5.3	34.4	38.5	22.2	1.8			8.7
75				1.1	3.3	24.0	72.6	74.4	46.8	9.9	.1		19.6
70	.3	.2	.4	7.2	19.2	56.1	97.2	96.2	76.8	26.5	1.7		32.2
65	1.5	2.8	6.1	25.8	50.2	83.6	100.0	100.0	96.4	57.8	11.3	.3	45.0
60	9.2	15.3	26.0	54.4	61.5	97.6			99.9	87.7	35.4	6.9	59.7
55	26.5	42.3	56.3	78.7	96.5	100.0			100.0	97.0	66.4	29.7	74.6
50	57.8	75.5	85.1	95.1	99.8					99.3	92.9	65.9	89.3
45	84.6	94.5	97.8	99.8	100.0					100.0	99.2	89.9	97.1
40	97.3	99.8	100.0	100.0							99.9	98.6	99.6
35	99.7	100.0									100.0	100.0	100.0
30	100.0												100.0
MEAN	50.7	53.6	55.6	60.1	64.5	70.3	77.5	77.5	74.4	66.1	57.4	51.6	63.3
S D	6.149	5.714	5.630	6.366	5.571	5.653	4.506	4.681	6.110	6.196	5.826	5.353	11.133
TOTAL OBS	916	848	930	900	918	900	930	930	900	899	870	930	10871

3

DATA PROCESSING CENTER  
USAF ETAC  
418 EAST 10th AVENUE/ MC

**EXTREME VALUES**

MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

25122 STATION NAME CALIFORNIA AIRCRAFT 42-72 YEARS

WIND SPEEDS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41		81	73	92	98	103	108	95	104	96	77	77	
42	82	86	84	86	74	104	104	110	109	93	79	74	110
43	80	75	84	77	83	105	102	105	104	78	80	78	108
44	82	81	87	90	92	100	103	108	104	88	81	72	108
45	83	84	77	96	100	96	100	104	106	100	81	78	106
46	84	78	75	92	83	94	100	106	109	97	84	75	102
47	85	80	77	90	97	100	102	103	100	97	93	85	106
48	86	82	78	93		107	104	103	103	105	70	83	
49	84	80	80	90	100	97	104	99	104	99	88	89	104
50	85	80	86	71	84	92	100	104	103	101	85	70	104
51	83	82	88	82	89	100	106	104	107	9	87	78	107
52	81	87	86	95	89	124	102	104		100	85	75	107
53	77	85	89	97	95	101	100	107	113	90	90	76	113
54	75	82	87	91	100	102	100	106	102	99	79	77	106
55	70	87	85	87	84	103	108	103	105	87	80	70	108
56	78	82	76	98	93	99	109	102	101	100	88	85	102
57	84	80	87	99	89	102	108	103	102	99	84	80	108
58	73	75	85	92	98	102	109	102	104	92	84	77	109
59	82	82	82	88	90	112	103	102	98	98	83	75	112
60	80	80	85	92	92	101	101	108	103	93	91	80	103
61	71	87	85	83	89	93	101	103	106	90	90	80	106
62	83	78	83	92	90	106	105	106	99	102	85	72	105
63	79	82	81	93	96	92	103	105	97	99	87	83	105
64	78	75	85	94	100	105	101	103	104	95	93	76	105
65	79	82	84	73	104	96	103	110	99	97	91	77	110
66	82	89	89	91		102	105	105	108	93	74	78	
67	84	73	84	87	97	101	103	107	105		79		
68	73	86	82	88	103	106	106	110	101	100	90	73	110
69	81	93	90	89	89	101	105	104	112	102	84	65	112
70	72	82	91	70	100	107	114	108	99	91	81	80	112
MEAN	79.2	81.0	82.2	91.2	94.9	101.5	104.2	104.9	103.8	96.6	80.8	77.2	107.1
S.D.	5.262	4.727	4.402	5.253	4.554	4.431	3.112	2.987	3.912	4.467	4.129	4.072	2.854
TOTAL OBS	899	849	930	900	868	900	420	930	900	899	870	930	10804





3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/440

**EXTREME VALUES**

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

23122 STATION NAME: MOUNTAIN AFB CALIF/SAN BERNARDINE 43-72 YEARS

MINUT DEGREES FAHRENHEIT

MONTH/ YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ALL MONTHS
41		31	37	43	40	43	50	49	43	46	34	31	
44	29	25	30	36	40	42	47	40	46	40	42	31	29
45	30	31	31	33	38	47	54	51	45	33	34	27	27
46	27	30	34	38	43	50	52	51	50	33	35	34	27
47	30	36	37	33	47	50	52	50	48	43	30	36	28
48	27	21	20	35	39	49	48	46	42	37	33	26	26
49	20	27	33	38	43	47	53	50	43	33	42	25	26
50	25	24	30	39	44	44	57	48	49	43	31	34	
51	29	30	28	37	42	48	53	52	50	41	33	30	28
52	27	30	32	32	40	46	53	50	47	42	31	32	29
53	32	29	30	32	40	43	59	46	47	38	32	27	27
54	25	33	30	40	39	42	53	49	49	47	36	29	29
55	32	28	33	33	40	43	50	57	44	47	34	30	28
56	32	30	30	34	40	50	52	53	52	33	32	27	28
57	20	31	37	41	45	50	51	52	50	43	35	34	28
58	30	34	32	39	47	49	53	55	52	46	27	24	27
59	24	33	40	43	42	52	50	51	54	45	39	34	33
60	28	33	39	38	40	51	52	51	51	43	34	29	26
61	29	35	35	36	45	51	55	53	50	37	34	31	25
62	27	29	32	43	42	48	52	56	50	44	36	20	26
63	24	42	33	36	44	50	52	59	55	49	35	30	24
64	26	27	31	36	41	44	50	52	43	43	30	29	26
65	27	26	33	37	38	44	50	54	46	41	35	31	26
66	27	30	29	39	43	46	51	34	46	40	32	31	27
67	29	30	32	36	36	40	54	59	55	46	35	27	27
68	23	32	30	34		47	50	50	48	42	34	24	
69	33	33	34	37	43	50	52	54	53		36	25	25
70	29	37	36	33	43	47	57	58	46	36	37	34	25
71	27	33	32	34	43	45	51	52	44	31	34	20	27
72	25	27	33	34	42	51	50	55	50	43	35	27	26
MEAN	27.0	31.2	32.3	37.2	42.0	47.0	52.5	52.3	48.9	41.2	33.7	29.0	26.0
S. D.	3.040	2.547	3.111	3.101	3.012	3.170	2.649	3.207	3.369	4.141	2.975	2.871	2.227
TOTAL OBS	199	148	930	900	668	340	930	930	900	899	470	970	1004



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

ALL  
MONTH

PAGE 1

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
114/113																	.0	1	1	
112/111																	.0	9	9	
110/109																	.0	24	24	
108/107																.0	68	68		
106/105																.0	170	170		
104/103											.0		.0	.0	.0	.0	.1	339	339	
102/101											.0	.0	.0	.0	.0	.0	.2	628	628	
100/ 99										.0	.0	.0	.0	.0	.1	.1	.2	1132	1132	
98/ 97								.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	1798	1798	
96/ 95								.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	2563	2563	
94/ 93						.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.2	2961	2962	
92/ 91					.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	3425	3425	
90/ 89					.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.2	.1	.1	4038	4038	
88/ 87					.0	.0	.0	.0	.1	.2	.3	.3	.2	.2	.1	.1	.0	4070	4071	
86/ 85				.0	.0	.0	.1	.2	.3	.3	.3	.2	.1	.1	.1	.0	.0	4376	4376	2
84/ 83				.0	.0	.0	.0	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	4575	4577	6
82/ 81			.0	.0	.0	.1	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	5029	5030	13
80/ 79		.0	.0	.0	.0	.1	.2	.4	.4	.3	.3	.2	.2	.1	.0	.0	.0	5744	5744	38
78/ 77		.0	.0	.0	.1	.2	.4	.4	.4	.3	.2	.2	.2	.1	.0	.0	.0	6239	6242	176
76/ 75	.0	.0	.0	.0	.2	.4	.5	.5	.3	.2	.2	.2	.1	.0	.0	.0	.0	7077	7079	516
74/ 73	.0	.0	.0	.1	.3	.5	.5	.4	.3	.2	.2	.2	.1	.0	.0	.0	.0	7580	7581	1583
72/ 71	.0	.0	.1	.3	.5	.6	.5	.4	.3	.2	.2	.2	.1	.0	.0	.0	.0	8513	8517	3419
70/ 69	.0	.0	.2	.5	.6	.7	.5	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	9823	9823	5936
68/ 67	.0	.1	.4	.6	.7	.6	.5	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	10430	10435	8493
66/ 65	.0	.1	.6	.9	.8	.6	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	11595	11597	11629
64/ 63	.0	.3	.8	.9	.7	.5	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	11646	11647	13884
62/ 61	.0	.6	1.1	1.0	.8	.5	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	13262	13267	15307
60/ 59	.1	1.0	1.4	1.1	.8	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	15333	15337	17347
58/ 57	.1	1.2	1.6	1.0	.7	.5	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	14965	14970	18404
56/ 55	.2	1.5	1.7	1.0	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	15469	15580	20005
54/ 53	.2	1.5	1.5	.9	.6	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	13966	13974	19761
52/ 51	.2	1.6	1.4	.8	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	13123	13139	19187
50/ 49	.2	1.5	1.3	.7	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	12242	12252	18644
48/ 47	.2	1.3	1.1	.6	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10022	10035	16696
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		*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																				

USAF/ETAC FORM 0-26-5 (O.L.A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 JAN  
STATION STATION NAME YEARS MONTH

PAGE 1 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
92/ 91														.0				1	1		
90/ 89									.0				.0					3	3		
88/ 87										.0	.0		.0	.0				5	5		
86/ 85										.0	.0		.0	.0	.0			13	13		
84/ 83									.0	.0	.0		.0	.0	.0			35	36		
82/ 81									.0	.0	.0	.0	.1	.1	.1	.0		55	55		
80/ 79									.0	.0	.0	.1	.1	.1	.0			83	83		
78/ 77							.0	.0	.0	.0	.1	.1	.1	.1	.0			127	127		
76/ 75						.0	.0	.0	.0	.1	.1	.1	.2	.3	.1			189	189		
74/ 73				.0	.0	.0	.0	.0	.1	.1	.1	.2	.4	.1	.0			216	216		
72/ 71			.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.1	.0				299	299	1	
70/ 69				.0	.0	.0	.1	.2	.2	.3	.5	.4	.1					362	362		
68/ 67				.0	.1	.1	.2	.2	.3	.4	.4	.2	.0					431	431	6	1
66/ 65				.0	.0	.1	.2	.4	.5	.6	.4	.2						526	526	12	1
64/ 63			.0	.1	.1	.2	.3	.4	.5	.5	.3	.0						527	527	24	1
62/ 61		.1	.1	.2	.2	.4	.4	.5	.5	.5	.2							647	647	43	2
60/ 59		.2	.2	.3	.4	.5	.5	.5	.5	.4	.1							782	782	122	11
58/ 57	.0	.1	.4	.5	.6	.7	.5	.6	.4	.3	.0							893	893	285	44
56/ 55	.1	.5	.8	.9	.7	.7	.5	.4	.1	.0								1218	1218	504	133
54/ 53	.3	1.2	1.0	.9	.9	.7	.7	.4	.2	.1								1382	1382	906	228
52/ 51	.3	1.9	1.3	1.3	.7	.8	.5	.3	.1	.0								1562	1562	1384	427
50/ 49	.6	2.1	1.6	1.3	.8	.8	.4	.2	.1									1693	1700	1907	834
48/ 47	.5	2.0	1.9	1.2	1.0	.5	.3	.1	.0									1619	1619	2059	951
46/ 45	.5	2.2	1.7	1.2	.8	.5	.2	.1	.0									1570	1571	2203	1076
44/ 43	.3	1.9	1.6	1.2	.8	.3	.1	.0										1351	1351	2060	1275
42/ 41	.2	2.0	1.7	1.2	.5	.2	.0	.0										1277	1281	1831	1450
40/ 39	.3	2.0	2.1	1.1	.4	.1	.0											1308	1317	1778	1496
38/ 37	.3	1.9	1.7	.6	.3	.0	.0											1030	1031	1659	1399
36/ 35	.2	1.5	1.4	.6	.2	.0												814	814	1477	1511
34/ 33	.2	1.3	1.1	.4	.1	.0												672	673	1161	1417
32/ 31	.2	1.0	.7	.4	.1	.0												505	506	889	1589
30/ 29	.1	.5	.4	.2	.0													279	279	650	1503
28/ 27	.0	.3	.1	.1	.0													122	123	349	1246
26/ 25	.0	.2	.0															55	55	233	1167
Element (X)	Σ x'		Σ x		̄x	s <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

JAN  
 MONTH

PAGE 2 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
24/23	.0	.0		.0														3	3	96	870
22/21	.0																	1	1	19	670
20/19	.0																	1	1	4	481
18/17																					433
16/15																					338
14/13																					297
12/11																					258
10/9																					174
8/7																					114
6/5																					87
4/3																					57
2/1																					31
0/-1																					23
-2/-3																					9
-4/-5																					14
-6/-7																					10
-8/-9																					3
-10/-11																					9
-12/-13																					3
-16/-17																					4
-18/-19																					2
-28/-29																					1
-30/-31																					2
-38/-39																					1
TOTAL	4.0	22.9	19.9	13.7	8.8	6.8	5.3	4.5	4.1	3.5	2.7	2.0	1.0	.5	.1	.0		21661	21682	21653	
Element (X)	Σx <sup>2</sup>	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	94415214	1325176	61.2	24.794	21652	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	55988264	1075282	49.6	11.080	21682		33.2	62.5	25.0	4.8		744									
Wet Bulb	40686922	924440	42.7	7.553	21662		76.9	.2				744									
Dew Point	27409899	733917	33.9	10.819	21653	2.8	322.8	.0				744									

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 STATION      MORTON AFB CALIF SAN BERNARDINO STATION NAME      43-72 YEARS      FEB MONTH

PAGE 1      ALL MONTHS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
94/ 93																.0		1	1																
92/ 91																.0	.0	2	2																
90/ 89															.0	.0	5	5																	
88/ 87													.0		.0		5	5																	
86/ 85								.0		.0		.0	.0	.0	.1	.0	.0	44	44																
84/ 83							.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	53	53																
82/ 81							.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	98	98																
80/ 79						.0	.0	.0	.1	.1	.1	.2	.2	.1			139	139																	
78/ 77						.0	.0	.0	.1	.1	.1	.2	.3	.2	.0		191	191																	
76/ 75					.0	.0	.0	.1	.1	.1	.2	.3	.3	.1	.0		266	266																	
74/ 73				.0	.0	.0	.1	.1	.1	.2	.3	.3	.3	.0			281	281																	
72/ 71			.0	.0	.0	.0	.1	.2	.3	.4	.3	.3	.2	.0			374	374		3															
70/ 69				.0	.0	.1	.1	.3	.4	.4	.5	.3	.1	.0			455	455		4															
68/ 67		.0		.0	.1	.2	.3	.4	.5	.4	.4	.2	.0	.0			478	478	11	1															
66/ 65			.0	.1	.2	.4	.5	.5	.6	.4	.4	.2	.0				630	630	17	4															
64/ 63		.0	.0	.2	.4	.4	.5	.5	.4	.5	.3	.1	.0				663	664	50	6															
62/ 61		.0	.2	.4	.6	.5	.6	.5	.4	.4	.2	.0					754	756	114	8															
60/ 59		.1	.3	.6	.8	.8	.6	.5	.4	.4	.1	.0					927	928	253	12															
58/ 57	.1	.5	.9	.8	.8	.9	.7	.4	.5	.3							1124	1124	465	63															
56/ 55	.2	1.3	1.2	1.0	1.0	.8	.5	.4	.2	.1							1334	1334	941	180															
54/ 53	.2	1.7	1.6	1.2	.9	.7	.6	.3	.2	.0							1476	1477	1423	421															
52/ 51	.2	2.3	1.9	1.4	.9	.7	.4	.2	.1								1630	1632	1694	746															
50/ 49	.4	2.3	2.2	1.2	.9	.4	.2	.2	.0								1553	1557	2133	1019															
48/ 47	.2	2.4	2.2	1.1	.7	.2	.2	.1									1446	1449	2116	1219															
46/ 45	.2	2.6	1.9	1.1	.6	.3	.1	.0									1357	1366	2125	1366															
44/ 43	.3	2.4	1.8	.9	.4	.2	.0										1208	1211	1993	1533															
42/ 41	.3	2.2	1.6	.8	.2	.1	.0										1043	1043	1754	1713															
40/ 39	.2	1.5	1.5	.5	.3	.0											815	817	1432	1681															
38/ 37	.1	1.3	1.1	.4	.1	.0											596	601	1107	1314															
36/ 35	.1	1.0	.8	.3	.1												455	455	841	1461															
34/ 33	.1	.8	.4	.2	.0												312	312	613	1201															
32/ 31	.1	.4	.3	.1													160	161	479	1180															
30/ 29	.0	.2	.1	.0													66	69	232	989															
28/ 27	.0	.0	.0	.0													15	17	127	736															
Element (X)	Σ x <sup>2</sup>		Σ x		̄x	s <sub>x</sub>	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																																			

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NURTON AFB CALIF/SAN BERNARDINO 43-72

FEB  
 MONTH

PAGE 2

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				
26/ 25			.0															2	2	23	673				
24/ 23																				9	491				
22/ 21																				2	429				
20/ 19																					328				
18/ 17																					275				
16/ 15																					231				
14/ 13																					166				
12/ 11																					154				
10/ 9																					106				
8/ 7																					73				
6/ 5																					73				
4/ 3																					42				
2/ 1																					27				
0/ -1																					15				
-2/ -3																					9				
-4/ -5																					4				
-6/ -7																					2				
-8/ -9																					4				
-10/-11																					2				
-12/-13																					1				
-14/-15																					1				
-16/-17																					1				
TOTAL	2.8	23.1	20.0	12.3	8.8	6.9	5.5	4.7	4.4	3.7	3.1	2.2	1.5	.8	.3	.1	.0	19960	19999	19961	19960				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	87944329	1229257	61.6	24.759	19959	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	58015492	1054960	52.8	10.876	19999		8.4	80.4	36.5	9.4	.0	672													
Wet Bulb	42223274	907114	45.4	7.078	19961		29.4	.6				672													
Dew Point	29486079	731979	37.0	10.501	19960	1.3	202.4	.0				672													

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURTON AFB CALIF/SAN BERNARDINO 43-72

YEARS

MAP  
MONTH

PAGE 1

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	1	1			
94/ 93																														.0	4	4			
92/ 91																													.0	11	11				
90/ 89																													.0	11	11				
88/ 87																													.0	29	29				
86/ 85																													.0	69	69				
84/ 83																													.0	111	111				
82/ 81																													.0	200	200				
80/ 79																													.0	231	231				
78/ 77																													.0	314	314				
76/ 75																													.0	355	355				
74/ 73																													.0	433	433				
72/ 71																													.0	492	492	2			
70/ 69																													.0	593	593	4			
68/ 67																													.0	627	627	20			
66/ 65																													.0	696	696	27			
64/ 63																													.0	752	752	89			
62/ 61																													.0	904	904	100			
60/ 59																													.0	1115	1115	191			
58/ 57																													.0	1230	1230	272			
56/ 55																													.0	1532	1532	396			
54/ 53																													.0	1836	1836	415			
52/ 51																													.0	2064	2071	944			
50/ 49																													.0	2026	2028	1720			
48/ 47																													.0	1667	1669	2102			
46/ 45																													.0	1376	1377	2340			
44/ 43																													.0	1100	1104	2314			
42/ 41																													.0	903	903	2176			
40/ 39																													.0	575	581	1784			
38/ 37																													.0	362	363	1356			
36/ 35																													.0	209	214	1293			
34/ 33																													.0	152	152	1037			
32/ 31																													.0	42	43	858			
30/ 29																													.0	20	20	719			
Element (X)	ΣX <sup>2</sup>		ΣX		X		X		No. Obs.		Mean No. of Hours with Temperature										Total														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC  
 FCIM 11, 1-2.4.2  
 0-26-5 (OL A)  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTH AFB CALIF/SAN BERNARDINO 43-72

APR  
MONTH

PAGE 1

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			
100/ 99																	.0	1	1					
98/ 97																	.0	7	7					
96/ 95										.0		.0					.0	23	23					
94/ 93						.0			.0			.0		.0			.1	39	39					
92/ 91								.0		.0		.0		.1	.0		.1	94	94					
90/ 89									.0	.0		.0		.1	.1		.2	123	123					
88/ 87						.0		.0		.0		.0		.1	.2		.3	193	193					
86/ 85								.0		.0		.1		.1	.3		.1	225	226	1				
84/ 83					.0	.0		.0		.1		.1		.2	.3		.1	263	263					
82/ 81				.0	.0	.0		.1		.1		.2		.3	.2		.0	310	310					
80/ 79				.0	.0	.0		.1		.2		.3		.3	.2		.1	392	392	1				
78/ 77			.0	.0	.0	.1		.1		.2		.3		.4	.2		.0	413	413	3				
76/ 75			.0	.0	.1	.1		.2		.3		.4		.4	.2		.1	482	482	5	1			
74/ 73			.0	.0	.0	.1		.2		.5		.4		.4	.3		.0	507	507	8	3			
72/ 71		.0	.0	.1	.1	.3		.5		.6		.5		.3	.2		.1	570	570	25	5			
70/ 69		.0	.0	.1	.2	.5		.7		.7		.5		.2	.2		.1	660	660	47	8			
68/ 67			.0	.2	.3	.7		.9		.8		.3		.1	.0		.0	708	708	83	12			
66/ 65		.0	.0	.3	.6	1.1		.7		.6		.3		.1	.0		.0	816	816	174	33			
64/ 63		.0	.2	.5	1.0	1.1		.5		.3		.2		.1	.0		.0	816	816	362	50			
62/ 61		.1	.4	1.1	1.2	1.0		.7		.3		.1		.1	.0		.0	1029	1029	595	55			
60/ 59		.3	.9	1.8	1.4	.8		.5		.3		.1		.0	.0		.0	1236	1236	1097	106			
58/ 57	.0	.9	2.0	2.0	1.1	.7		.3		.1		.0		.0	.0		.0	1516	1516	1498	261			
56/ 55	.3	2.3	3.4	1.9	1.0	.6		.3		.1		.0		.0	.0		.0	2045	2045	2220	559			
54/ 53	.5	3.0	3.0	1.7	.9	.3		.1		.0		.0		.0	.0		.0	1962	1962	2697	1055			
52/ 51	.5	2.7	2.6	1.4	.6	.1		.1		.0		.0		.0	.0		.0	1683	1683	2778	1927			
50/ 49	.3	2.4	2.6	1.3	.4	.1		.0		.0		.0		.0	.0		.0	1483	1483	2405	2319			
48/ 47	.3	1.9	1.9	.6	.2	.1		.0		.0		.0		.0	.0		.0	1015	1016	2045	2332			
46/ 45	.2	2.0	1.4	.4	.1	.0		.0		.0		.0		.0	.0		.0	865	865	1691	2224			
44/ 43	.1	1.5	.9	.1	.1	.0		.0		.0		.0		.0	.0		.0	571	571	1238	1979			
42/ 41	.0	1.1	.5	.1	.0	.0		.0		.0		.0		.0	.0		.0	363	363	804	1793			
40/ 39	.1	.6	.3	.0	.0	.0		.0		.0		.0		.0	.0		.0	222	222	517	1565			
38/ 37	.0	.3	.1	.0	.0	.0		.0		.0		.0		.0	.0		.0	101	101	285	1236			
36/ 35	.0	.2	.0	.0	.0	.0		.0		.0		.0		.0	.0		.0	44	44	137	930			
34/ 33	.0	.1	.0	.0	.0	.0		.0		.0		.0		.0	.0		.0	16	16	64	652			
Element (X)	ΣX'	ΣX	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 APR MONTH

PAGE 2 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		
32/ 31		.0																		2	2	16	473
30/ 29																						1	320
28/ 27																							210
26/ 25																							202
24/ 23																							156
22/ 21																							109
20/ 19																							77
18/ 17																							59
16/ 15																							39
14/ 13																							14
12/ 11																							10
10/ 9																							8
8/ 7																							7
6/ 5																							6
4/ 3																							1
-4/ -5																							1
TOTAL	2.4	19.4	20.3	13.5	9.4	7.6	5.8	4.7	3.5	2.8	2.4	2.0	1.7	1.5	1.1	.9	.9			20797	20797	20797	
																					20796	20797	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	93984510	1312814	63.123	11.3	20796							
Dry Bulb	75671131	1231353	59.211	11.531	20797		.1	173.5	176.4	50.8	2.4	720
Wet Bulb	55273290	1064152	51.2	6.288	20797		.6	6.0	.6	.0		720
Dew Point	41500615	914131	44.0	7.967	20797	.0	58.6	1.0	.1			720

USAFETAC FORM 0-26-5 (OL A) 1 JUL 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23122 STATION NORTON AFB CALIF/SAN BERNARDINO 43-72 YEARS MAY MONTH

PAGE 1 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																
104/103																	.0	4	4																		
102/101																	.0	6	6																		
100/99																.0	.1	34	34																		
98/97												.0			.0	.0	.1	40	40																		
96/95										.0		.0		.0	.0	.0	.1	47	47																		
94/93										.0		.0	.0	.0	.0	.1	.1	73	73																		
92/91								.0		.0	.0	.0	.1	.1	.1	.1	.1	137	137																		
90/89								.0		.0	.0	.1	.1	.2	.2	.2	.1	228	228																		
88/87							.0	.0	.1	.1	.2	.2	.3	.3	.2	.1	.0	307	307																		
86/85				.0	.0	.0	.0	.1	.1	.2	.3	.3	.2	.1	.1	.0	.0	367	367																		
84/83				.0	.0	.0	.0	.1	.3	.4	.3	.3	.2	.2	.1	.1	.0	414	414																		
82/81				.0	.0	.0	.0	.1	.2	.4	.5	.3	.2	.2	.1	.0	.0	469	469																		
80/79				.0	.0	.1	.2	.5	.5	.5	.3	.2	.1	.0				558	558	1																	
78/77			.0	.0	.0	.1	.2	.5	.7	.6	.3	.2	.1	.0				624	625	10																	
76/75			.0	.0	.0	.1	.4	.7	.8	.5	.2	.1	.1	.0				672	672	3	2																
74/73		.0	.0	.0	.0	.3	.8	.9	.7	.2	.1	.1	.0	.0				742	742	20	4																
72/71		.0	.3	.0	.2	.6	1.0	.9	.5	.2	.1	.1	.0					784	784	53	9																
70/69		.0	.0	.1	.5	1.2	1.1	.7	.4	.1	.1	.0	.0					952	952	117	13																
68/67		.0	.0	.3	.9	1.2	.9	.4	.2	.1	.0	.0						904	904	252	22																
66/65		.0	.2	.8	1.4	1.4	.5	.3	.1	.1	.0	.0						1137	1137	607	34																
64/63		.0	.4	1.4	1.5	1.0	.5	.2	.1	.0	.0	.0						1138	1138	959	67																
62/61	.0	.1	1.2	2.0	1.4	.7	.4	.1	.0		.0							1305	1305	1516	126																
60/59	.0	1.1	2.9	2.5	1.4	.6	.2	.1	.0	.0								1920	1928	2028	248																
58/57	.1	2.0	4.5	1.9	1.0	.3	.1	.0										2381	2382	2564	731																
56/55	.3	3.8	4.0	1.6	.6	.2	.1	.0										2377	2377	3468	1689																
54/53	.3	2.9	2.7	1.1	.3	.1	.0	.0										1669	1670	3403	2903																
52/51	.2	2.2	1.8	.6	.2	.1	.0											1124	1125	2577	3458																
50/49	.1	1.6	1.3	.4	.1	.1												773	773	1868	3152																
48/47	.0	1.1	.8	.2	.1	.0												493	495	1181	2430																
46/45	.0	.6	.4	.1	.0													263	266	736	2121																
44/43	.0	.4	.2	.0	.0													136	136	426	1504																
42/41		.2	.1	.0														64	64	233	1121																
40/39	.0	.1	.0	.0														21	21	115	750																
38/37	.0	.0	.0	.0														4	4	25	500																
Element (X)	Σx'		Σx		R		σ <sub>x</sub>		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 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      MAY  
STATION      STATION NAME      YEARS      MONTH  
PAGE 2      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
30/ 35		.0																2	2	6	382
34/ 33																				4	235
32/ 31																					203
30/ 29																					137
28/ 27																					94
26/ 25																					72
24/ 23																					51
22/ 21																					42
20/ 19																					26
18/ 17																					14
16/ 15																					11
14/ 13																					8
12/ 11																					7
10/ 9																					5
8/ 7																					1
TOTAL	1.2	15.9	20.4	13.1	9.8	8.0	6.6	5.4	4.4	3.3	2.8	2.1	1.8	1.5	1.1	.7	.8		22181		22172
																		22172			22172

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	98784395	1398065	63.1	21.895	22172							
Dry Bulb	91911685	1406275	63.4	11.143	22181			746.8	158.3	21.4	6.8	764
Wet Bulb	57505336	1216934	54.9	5.669	22172			15.3	1.1	.0		764
Dew Point	52526184	1054668	48.2	6.786	22172			22.5	1.7	.2		764

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION      NORTON AFB CALIF/SAN BERNARDINO STATION NAME      43-72 YEARS      JUN MONTH

PAGE 1      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															
112/111																														.0	7	3			
110/109																														.0	2	2			
108/107																														.0	1	1			
106/105																														.1	13	13			
104/103																													.0	.1	30	30			
102/101																													.0	.2	42	42			
100/99															.0													.0	.1	.3	92	92			
98/97															.0	.0												.1	.4	162	162				
96/95															.0	.0	.0											.1	.3	.4	250	250			
94/93															.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	313	319			
92/91											.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	395	395		
90/89											.0	.0	.0	.1	.2	.5	.6	.6	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	536	536		
88/87										.0	.0	.0	.1	.2	.5	.6	.5	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	540	540		
86/85								.0	.1	.1	.2	.5	.7	.7	.5	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	566	566		
84/83							.0	.1	.2	.4	.7	.8	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	612	612		
82/81					.0	.0	.1	.4	.7	.8	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	648	648		
80/79					.0	.1	.3	.8	1.1	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	757	757		
78/77					.0	.2	.7	1.0	.8	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	725	725	7	
76/75			.0	.0	.1	.4	1.2	1.2	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825	825	19		
74/73			.0	.1	.3	.9	1.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	841	841	67		
72/71			.0	.1	.7	1.3	1.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	894	894	202		
70/69		.0	.1	.5	1.4	1.5	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	993	993	538		
68/67		.0	.2	1.0	1.7	1.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1039	1039	1139		
66/65		.0	.7	2.2	1.7	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1239	1239	1599		
64/63		.2	1.7	2.1	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1229	1229	2123		
62/61	.0	1.3	3.3	2.3	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1738	1738	2498		
60/59	.2	2.8	4.4	2.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2189	2189	2905		
58/57	.2	3.2	3.7	1.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1842	1842	3059		
56/55	.1	2.8	2.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1297	1299	2764		
54/53	.0	1.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	657	657	1952		
52/51	.0	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	367	367	1170		
50/49	.0	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	215	215	614		
48/47	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	91	317		
46/45	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	35	136		
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total														
Rel Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-77 JUN 1954

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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	
44/ 43		.1																12	12	72	630	
42/ 41		.0																1	1	15	391	
40/ 39		.0																1	1	3	254	
38/ 37																					160	
36/ 35																					116	
34/ 33																					87	
32/ 31																					63	
30/ 29																					44	
28/ 27																					29	
26/ 25																					9	
24/ 23																					7	
22/ 21																					2	
20/ 19																					5	
18/ 17																					4	
16/ 15																					1	
TOTAL	.7	13.9	18.9	12.6	4.0	7.6	6.9	5.8	4.5	4.0	3.6	3.1	2.6	2.0	1.6	1.3	1.9		21203		21198	
																		21197		21199		
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	89672039	1296433	61.222	134	21198	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720										
Dry Bulb	103860046	1461440	68.9	12.148	21203			349.3	249.9	157.8	31.0	720										
Wet Bulb	74495289	1251377	59.0	5.436	21199			67.0	3.2			720										
Dew Point	58046322	1110182	52.4	5.762	21198		5.6	2.1	.1			720										

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

USAF/ETAC

3  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72 JUL  
 STATION STATION NAME YEARS MONTH

PAGE 1 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																	.1	20	20					
106/105																.0	.2	59	59					
104/103														.0	.0	.0	.4	89	89					
102/101									.0				.0	.0	.1	.2	.5	180	180					
100/99											.0		.1	.2	.3	.7	341	341						
98/97								.0		.0	.1	.2	.5	.5	.5	.6	524	524						
96/95								.0	.0	.0	.1	.3	.8	.7	.6	.5	780	780						
94/93							.0	.0	.0	.1	.2	.8	1.1	.8	.7	.5	.3	965	965					
92/91							.0	.0	.1	.2	.7	.9	.9	.7	.6	.3	.1	977	977					
90/89						.0	.0	.0	.1	.5	1.1	1.0	.9	.7	.3	.2	.0	1065	1065					
88/87						.0	.0	.1	.4	.9	1.0	.9	.7	.4	.2	.0		974	974					
86/85					.0	.0	.1	.2	.6	.9	.9	.7	.4	.2	.1	.0	.0	887	887					
84/83				.0	.0	.0	.2	.5	.9	.9	.9	.7	.4	.2	.0	.0		849	849					
82/81				.0	.0	.1	.5	.9	.9	.9	.9	.7	.4	.2	.0	.0		852	852	6				
80/79			.0	.0	.1	.3	.8	1.0	1.0	.5	.3	.1	.0	.0				884	884	2	1			
78/77		.0	.0	.0	.1	.7	1.2	1.1	.6	.3	.1	.0	.0		.0			903	903	39	4			
76/75			.0	.1	.5	1.2	1.3	.7	.4	.2	.0	.0						968	968	127	6			
74/73		.0	.0	.3	1.1	1.5	1.0	.5	.2	.1	.0	.0						1046	1046	488	14			
72/71		.0	.1	.8	1.7	1.4	.8	.3	.1	.0	.0							1175	1175	1240	48			
70/69		.1	.5	1.9	1.7	1.1	.4	.2	.0	.0								1280	1280	1895	77			
68/67	.0	.1	1.3	2.3	1.5	.6	.3	.1	.0									1367	1367	2392	183			
66/65	.0	.3	1.9	2.1	.9	.4	.2	.0	.0									1287	1287	3159	443			
64/63	.1	.6	2.1	1.4	.6	.3	.1	.0	.0									1161	1161	3325	1120			
62/61	.0	1.0	2.0	.7	.5	.2	.0	.0										995	995	2830	2202			
60/59	.1	1.6	1.5	.6	.4	.1	.0											963	963	2283	3077			
58/57	.2	1.1	1.1	.4	.2	.0	.0											659	659	1697	3324			
56/55	.1	.7	.6	.2	.1	.0	.0											402	402	1064	2962			
54/53	.0	.3	.3	.1	.1	.0	.0											190	190	668	2298			
52/51	.0	.1	.1	.1	.0	.0	.0											53	53	392	1707			
50/49		.0	.0	.0	.0	.0												12	12	181	1330			
48/47			.0															1	1	69	904			
46/45																				35	710			
44/43																				6	525			
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$	$\sigma_x$	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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NUTON AFB CALIF/SAN BERNARDINE 43-72 AUG  
 STATION STATION NAME YEARS MONTH

PAGE 1 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	6	6																	
108/107																	.1	16	16																	
106/105															.0	.0	.2	49	49																	
104/103										.0		.0	.0	.0	.1	.4	117	117																		
102/101										.0	.0	.0	.1	.2	.2	.5	198	198																		
100/99								.0	.0	.0	.0	.1	.2	.4	.2	.5	351	351																		
98/97							.0	.0	.0	.1	.1	.3	.5	.6	.5	.6	597	597																		
96/95							.0	.0	.0	.2	.4	.7	.7	.7	.4	.4	789	789																		
94/93						.0	.0	.0	.1	.3	.7	.8	.9	.7	.5	.3	.2	810	810																	
92/91						.0	.0	.1	.3	.6	.9	.9	.8	.5	.3	.2	.1	905	905																	
90/89					.0	.0	.1	.3	.6	.9	.9	.8	.5	.3	.1	.0	.0	991	991																	
88/87					.0	.0	.1	.1	.4	.8	.9	.7	.5	.3	.1	.0	.0	879	880																	
86/85					.0	.1	.1	.3	.7	.9	1.0	.6	.3	.1	.0	.0	.0	940	940	1																
84/83				.0	.0	.1	.2	.7	.9	.8	.7	.3	.1	.0	.0	.0	.0	882	882	4																
82/81				.0	.1	.1	.4	1.0	.9	.7	.4	.1	.0	.0	.0	.0	.0	868	869	6																
80/79		.0	.1	.1	.4	.9	1.1	.9	.4	.2	.1	.0	.0	.0	.0	.0	.0	931	931	25	5															
78/77		.0	.1	.1	.3	.9	1.2	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	962	964	91	4															
76/75	.0	.0	.1	.2	.8	1.5	1.3	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	1111	1113	267	17															
74/73		.0	.1	.1	.0	1.2	1.5	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	1116	1117	739	32															
72/71		.1	.3	1.4	1.6	1.3	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1270	1272	1307	102															
70/69	.0	.2	.9	1.9	1.9	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1393	1393	2104	226															
68/67	.0	.4	1.7	2.0	1.4	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1437	1441	2715	347															
66/65	.0	.5	2.2	2.0	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1393	1397	3263	822															
64/63	.0	.9	2.3	1.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1270	1270	3197	1678															
62/61	.1	1.5	1.6	1.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1094	1094	2777	2656															
60/59	.1	1.3	1.3	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	838	838	2186	3021															
58/57	.0	.7	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	517	517	1435	3178															
56/55	.0	.4	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	309	309	946	2717															
54/53	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	129	129	567	2141															
52/51	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	58	58	348	1597															
50/49		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	11	174	1220															
48/47		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	77	812															
46/45																				13	586															
44/43																				3	392															
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 04 JUL 64 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122      MURTON AFB CALIF/SAN BERNARDINO      43-72      SFP  
 STATION      STATION NAME      YEARS      MONTH  
 PAGE 1      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														
114/113																	.0	1	1																
112/111																	.0	4	6																
110/109																	.1	12	12																
108/107																.0	.0	.1	31	31															
106/105																.0	.0	.2	56	56															
104/103													.0	.0		.1	.1	.3	96	96															
102/101													.0	.0		.1	.2	.6	184	184															
100/ 99													.0	.1		.2	.3	.6	275	275															
98/ 97											.0	.0	.1	.2	.3	.4	.7	380	380																
96/ 95									.0	.0	.0	.1	.3	.5	.4	.5	.6	510	510																
94/ 93									.0	.0	.1	.2	.4	.5	.5	.3	.4	512	512																
92/ 91						.0			.0	.0	.3	.4	.5	.6	.5	.4	.3	614	614																
90/ 89					.0	.0			.0	.1	.2	.4	.6	.7	.6	.4	.3	.1	712	712															
88/ 87					.0	.0	.0		.1	.2	.5	.6	.6	.6	.4	.2	.1	.0	687	687															
86/ 85					.0	.0	.0	.1	.4	.5	.8	.7	.4	.2	.1	.1	.0	704	704																
84/ 83					.0	.0	.1	.3	.7	.6	.7	.5	.2	.1	.1	.1		697	697	1															
82/ 81				.0	.0	.0	.3	.5	.6	.7	.6	.3	.1	.0	.1			702	702	1															
80/ 79		.0	.0	.0	.1	.1	.6	.7	.8	.7	.3	.1	.1	.1	.0			763	763	9															
78/ 77			.0	.0	.1	.5	.7	.9	.8	.5	.1	.1	.0	.1				803	803	26															
76/ 75			.0	.1	.4	.8	.9	1.0	.6	.3	.1	.1	.0	.0				889	889	91															
74/ 73			.1	.3	.6	.9	1.1	.8	.3	.1	.1	.0	.0					890	890	251															
72/ 71	.0	.1	.1	.5	.9	1.2	.9	.6	.2	.1	.0	.1	.0					972	972	554															
70/ 69		.1	.4	1.0	1.2	1.3	.9	.4	.1	.0	.0	.0						1117	1117	1157															
68/ 67	.0	.3	.9	1.3	1.5	1.1	.6	.2	.1	.0	.0	.0						1260	1260	1627															
66/ 65	.0	.6	1.4	1.6	1.2	.9	.4	.1	.1	.0	.0							1323	1323	2154															
64/ 63	.1	1.0	1.9	1.8	1.0	.6	.2	.1	.1	.0								1397	1397	2598															
62/ 61	.1	1.6	2.4	1.6	.8	.3	.2	.1	.0									1489	1489	2633															
60/ 59	.2	1.8	2.0	1.1	.6	.3	.1	.1	.0	.0								1310	1310	2662															
58/ 57	.1	1.3	1.4	.7	.4	.2	.1	.1	.0	.0								880	880	2277															
56/ 55	.1	.9	.9	.5	.3	.1	.1	.0										641	641	1754															
54/ 53	.1	.6	.8	.3	.1	.0	.0	.0										421	421	1063															
52/ 51	.0	.4	.4	.2	.1	.0	.0	.0										258	258	731															
50/ 49		.3	.3	.1	.0	.0												169	169	546															
48/ 47		.1	.1	.0	.0													58	58	372															
Element (X)	Σx²	Σx		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 WORTON AFB CALIF/SAN BERNARDINO 42-72

STATION

STATION NAME

YEARS

MO

MONTH

PAGE 1

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
106/105																	.0	2	2	
104/103																	.0	3	3	
102/101																	.1	19	18	
100/99																.0	.1	38	38	
98/97													.0	.0	.0	.0	.4	88	88	
96/95											.0	.0	.0	.0	.1	.6	163	163		
94/93										.0	.0	.1	.2	.2	.2	.6	235	235		
92/91										.0	.1	.2	.2	.2	.2	.5	275	275		
90/89									.0	.0	.1	.1	.2	.3	.3	.3	310	310		
88/87								.0	.0	.0	.1	.1	.2	.3	.4	.4	379	379		
86/85						.0	.0	.0	.1	.2	.3	.4	.4	.4	.4	.2	431	431		
84/83					.0	.0	.0	.1	.2	.3	.3	.4	.3	.3	.3	.1	487	487		
82/81					.0	.0	.1	.2	.3	.5	.4	.5	.4	.2	.0		578	578		
80/79					.0	.1	.1	.4	.5	.6	.4	.3	.2	.1	.0		605	605		
78/77			.0	.0	.0	.0	.2	.4	.5	.5	.4	.3	.2	.0			675	675		
76/75			.0	.0	.0	.1	.4	.7	.5	.4	.4	.3	.2	.1			709	709	4	
74/73				.0	.1	.3	.7	.8	.5	.4	.3	.2	.1	.0			749	749	9	
72/71			.0	.1	.2	.6	.9	.7	.4	.3	.2	.1	.0				811	811	26	
70/69			.0	.1	.6	1.1	.9	.5	.4	.2	.2	.1	.0				911	911	70	
68/67	.0	.1	.1	.4	1.1	1.0	.7	.4	.3	.2	.1	.1	.0				1014	1014	223	
66/65	.0	.1	.3	1.2	1.3	.9	.5	.4	.3	.1	.1	.0					1169	1169	580	
64/63	.0	.2	1.0	1.5	1.1	.6	.4	.4	.2	.1	.0	.0					1252	1252	1073	
62/61	.0	.9	1.8	1.8	.8	.7	.5	.4	.2	.1	.0						1601	1601	1834	
60/59	.1	1.9	2.3	1.4	.8	.6	.5	.3	.1	.1	.0						1915	1815	2725	
58/57	.1	2.1	2.0	1.0	.8	.5	.4	.2	.1	.0							1630	1631	2970	
56/55	.2	2.0	2.0	1.0	.7	.6	.4	.1	.1	.0							1570	1576	2699	
54/53	.2	1.6	1.6	.9	.6	.5	.2	.1	.0	.0							1282	1285	2090	
52/51	.2	1.4	1.4	.8	.5	.4	.1	.0									1084	1085	1849	
50/49	.2	1.3	1.3	.7	.4	.3	.1	.0									951	952	1587	
48/47	.1	.9	.8	.4	.2	.1	.1	.0									607	607	1378	
46/45	.0	.5	.6	.3	.1	.1	.0										370	370	1102	
44/43	.0	.3	.2	.1	.1	.0	.0										189	190	804	
42/41	.0	.2	.1	.1	.0	.0	.0										97	97	546	
40/39	.1	.1	.0	.0	.0	.0	.0										47	47	308	
Element (X)	Σ x'		Σ x			x̄		s <sub>x</sub>		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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72 NOV  
 STATION STATION NAME YEARS MONTH

PAGE 1 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					
94/93																.0	.0	4	4							
92/91																.0	.0	14	14							
90/89												.0				.1	.1	54	54							
88/87													.0			.2	.1	72	72							
86/85									.0	.0	.0	.0	.1	.2	.2	.1	.0	133	133							
84/83								.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	152	152							
82/81						.0	.0	.0	.0	.1	.2	.4	.3	.1	.0			233	233							
80/79						.0	.0	.0	.0	.1	.2	.4	.3	.1	.0			350	350							
78/77				.0	.0	.0	.0	.1	.1	.3	.5	.4	.2	.1	.0			381	381							
76/75			.0	.0	.0	.1	.1	.1	.3	.4	.4	.4	.1	.0	.0			434	434							
74/73	.0			.0	.0	.1	.1	.2	.3	.4	.5	.4	.1	.0				493	493	1	1					
72/71				.0	.0	.1	.2	.2	.3	.5	.5	.2	.0					528	530	6	1					
70/69			.0	.0	.0	.1	.3	.4	.4	.5	.6	.3	.1	.0				643	643	20	2					
68/67			.0	.0	.1	.4	.4	.4	.5	.5	.4	.2	.1	.0				666	661	25	7					
66/65			.0	.1	.3	.5	.6	.4	.6	.6	.3	.2	.0					795	795	37	11					
64/63		.0	.1	.3	.5	.7	.6	.5	.5	.4	.3	.1						844	844	70	16					
62/61		.1	.3	.6	.8	.6	.6	.6	.4	.3	.1	.0						969	972	236	24					
60/59	.1	.4	.8	1.1	.9	1.0	.7	.5	.4	.2	.0	.0						1299	1300	578	66					
58/57	.0	.6	1.3	1.0	.9	.8	.6	.4	.3	.1	.0							1311	1311	1056	135					
56/55	.1	1.4	1.5	1.2	.9	.9	.6	.4	.2	.0	.0							1556	1556	1613	299					
54/53	.2	1.4	1.8	1.2	.9	.7	.5	.3	.1		.0							1488	1490	1949	613					
52/51	.2	2.1	1.8	1.2	1.0	.8	.4	.2	.0									1658	1658	2116	996					
50/49	.2	2.1	2.1	1.3	1.1	.6	.3	.1	.0									1646	1647	2325	1243					
48/47	.1	1.8	1.7	1.3	1.0	.3	.3	.0										1403	1406	2234	1420					
46/45	.1	1.6	1.7	1.2	.8	.4	.1											1274	1274	2003	1513					
44/43	.1	1.2	1.2	1.0	.5	.4	.1											967	971	1785	1554					
42/41	.1	1.0	1.0	.9	.4	.2	.0											766	770	1581	1520					
40/39	.1	1.0	1.0	.7	.3	.1												654	654	1262	1563					
38/37	.0	.6	.6	.3	.1	.0												351	351	1000	1466					
36/35	.0	.4	.3	.2	.1	.0												215	215	759	1494					
34/33	.0	.2	.1	.1	.0													98	98	459	1264					
32/31	.1	.1	.1	.0	.0													39	39	229	1255					
30/29	.0	.0																8	8	91	1127					
28/27		.0																2	2	42	770					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.						≤ 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F															
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) 11-55 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTHON AFB CALIF/SAN BERNARDINO 43-72

NOV  
 MONTH

PAGE 2

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	3	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			
26/ 25																					12	762			
24/ 23																					3	575			
22/ 21																							421		
20/ 19																							317		
18/ 17																							287		
16/ 15																							264		
14/ 13																							159		
12/ 11																							98		
10/ 9																							78		
8/ 7																							65		
6/ 5																							45		
4/ 3																							33		
2/ 1																							27		
0/ -1																							14		
-2/ -3																							9		
-4/ -5																							7		
-6/ -7																							3		
-8/ -9																							9		
-10/-11																							4		
-12/-13																							1		
-14/-15																							2		
-16/-17																							2		
-18/-19																							2		
-20/-21																							1		
-24/-25																							1		
TOTAL	1,216.0	17.5	13.8	10.6	8.7	6.4	4.9	4.2	3.8	3.6	3.3	2.6	1.6	1.0	.4	.2					21492	21492			

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 12 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	82017921	1218111	56.7	24.572	21491							
Dry Bulb	71047609	1211289	56.3	11.514	21515		1.6	139.0	77.6	27.8	.1	720
Wet Bulb	49388664	1019940	47.5	7.107	21492		12.6	1.7	.0			720
Dew Point	33130498	812070	37.8	10.681	21490	1.8	210.3	.4	.0			720



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION NOPTON AFB CALIF/SAN BERNARDINO 43-72 YEARS MONTH DEC

PAGE 2 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
18/ 17																				488
16/ 15																				383
14/ 13																				235
12/ 11																				177
10/ 9																				119
8/ 7																				87
6/ 5																				44
4/ 3																				21
2/ 1																				23
0/ -1																				21
-2/ -3																				8
-4/ -5																				2
-8/ -9																				2
-12/-13																				1
-18/-19																				1
TOTAL	2.1	21.4	19.4	14.6	10.5	7.7	5.7	4.7	4.3	3.4	2.9	1.8	.9	.4	.1	.0	.0	22208	22184	22184
																		22185	22185	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	92619316	1331718	60.023	23.904	22184							
Dry Bulb	58874665	1119319	50.410	10.523	22208		17.0	65.6	21.6	2.0		744
Wet Bulb	42625681	959263	43.2	7.124	22185		55.3					744
Dew Point	28552718	762204	34.410	10.325	22184	1.2	307.2					744

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION      NORTON AFB CALIF/SAN BERNARDINE STAT-ON NAME      44-72 YEARS      JAN MONTH

PAGE 1      0000-0200 HOURS (L. S. T.)

USAFETAC FORM 84 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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												.0						1	1		
76/ 75												.1						2	2		
72/ 71											.0							2	2		
70/ 69											.0							1	1		
66/ 65										.0		.0						2	2		
64/ 63											.0							1	1		
62/ 61			.1			.0			.0		.1							6	6		
60/ 59		.2	.1			.0			.1		.1				.0			13	13		
58/ 57			.1	.0		.1	.1	.1	.1	.1	.1							18	18	10	1
56/ 55	.2	.4	.3	.1		.1	.2	.3	.1	.0								45	45	8	13
54/ 53	.2	1.3	.3	.1	.1	.2	.1	.1	.1	.1								69	69	24	15
52/ 51	.4	2.3	.9	.6	.1	.3	.1	.1	.0									131	131	63	36
50/ 49	.9	2.8	1.8	.7	.9	.5	.6											221	221	114	88
48/ 47	.7	3.1	2.3	1.4	.9	.7	.2	.0										248	248	147	97
46/ 45	.8	3.4	1.9	1.5	1.0	.4	.3											247	247	180	116
44/ 43	.4	3.4	2.6	1.5	1.2	.5	.0	.1										266	266	220	129
42/ 41	.2	3.3	3.4	1.9	.9	.1												275	275	223	165
40/ 39	.3	3.7	4.7	2.5	.6	.3												324	324	293	160
38/ 37	.4	4.0	3.1	1.4	.5	.0												253	253	322	177
36/ 35	.5	3.3	2.3	1.3	.4	.0												212	212	345	219
34/ 33	.3	2.1	2.4	.7	.1													150	150	250	230
32/ 31	.3	1.6	1.3	1.0	.1													117	117	185	226
30/ 29	.2	.6	.5	.3														44	44	152	204
28/ 27		.7	.2	.1														26	26	70	176
26/ 25	.1	.1	.0															6	6	60	183
24/ 23	.0																	1	1	12	122
22/ 21																				3	76
20/ 19																					64
18/ 17																					36
16/ 15																					42
14/ 13																					37
12/ 11																					27
10/ 9																					15
8/ 7																					7
Element (X)	Σ x <sup>1</sup>	Σ x	Σ	e <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURTON AFB CALIF/SAN BERNARDINO 43-72

JAN

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
76/ 75												.1						3	3		
72/ 71											.0							1	1		
70/ 69								.0										1	1		
68/ 67					.0													1	1		
66/ 65							.0			.0								2	2		
64/ 63									.0									1	1		
62/ 61			.0			.0												2	2		
60/ 59		.1	.1			.0			.1		.1							12	12	1	
58/ 57		.0		.0		.0		.1		.1								10	10	7	
56/ 55	.2	.3	.2	.1		.0	.2	.1	.1	.1	.0							33	33	11	14
54/ 53	.3	.0	.1		.1	.1	.0	.3	.1									50	50	21	17
52/ 51	.2	1.5	.3	.2	.1	.1	.2	.1										77	77	47	27
50/ 49	.8	2.9	.9	.5	.4	.3	.3	.1										166	166	86	69
48/ 47	.8	3.1	1.9	1.3	.6	.3	.1	.1										223	223	103	84
46/ 45	.9	3.9	2.2	.9	1.1	.3	.1	.0										255	255	165	97
44/ 43	.6	2.4	1.7	1.2	1.3	.3	.1	.1	.0									199	199	201	120
42/ 41	.3	3.5	2.0	2.0	.9	.4												265	265	178	135
40/ 39	.4	4.3	3.7	1.7	.7	.1												293	295	240	148
38/ 37	.3	4.6	4.0	1.4	.1													277	278	293	149
36/ 35	.4	3.9	3.0	1.3	.3													256	256	337	196
34/ 33	.5	3.0	2.6	.9	.1	.1												215	215	303	217
32/ 31	.7	3.2	1.9	.8	.1													180	180	269	251
30/ 29	.3	1.6	1.0	.0	.1													100	100	205	238
28/ 27	.1	.7	.5	.0	.1													40	40	110	190
26/ 25	.0	.3	.1															18	18	65	206
24/ 23		.0																1	1	36	130
22/ 21	.0																	1	1	7	109
20/ 19	.0																	1	1	2	72
18/ 17																					71
16/ 15																					40
14/ 13																					27
12/ 11																					33
10/ 9																					14
8/ 7																					7
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72 JAN  
STATION STATION NAME YEARS MONTH  
 PAGE 1 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
78/ 77												.0						1	1		
76/ 75												.1						2	2		
64/ 63						.0					.0							2	2		
62/ 61			.2		.0													6	6		
60/ 59			.1		.0	.0		.0	.0									6	6	1	
58/ 57		.0	.0	.1	.0	.1	.0	.2	.1									18	10	5	1
56/ 55	.0	.3	.0	.3	.1	.1	.2	.1		.0								33	33	10	9
54/ 53	.5	.6	.2	.3	.2	.2	.3	.1	.1									69	69	27	21
52/ 51	.3	2.0	.5	.4	.2	.5	.4	.3										125	125	42	20
50/ 49	.8	1.6	1.1	.8	.6	.8	.2	.1	.0									172	172	92	81
48/ 47	1.1	2.2	1.6	1.1	.9	.5	.3	.1	.0									217	217	110	82
46/ 45	.8	3.7	2.1	1.6	1.0	.9	.3	.1										288	288	167	76
44/ 43	.6	2.9	2.6	1.9	1.0	.3	.1	.1										259	259	202	122
42/ 41	.6	2.7	2.1	1.3	1.1	.5												221	222	243	156
40/ 39	.5	3.2	3.7	2.2	.7	.1												284	290	262	142
38/ 37	.7	3.8	4.1	1.3	.5	.0												282	282	280	167
36/ 35	.1	2.7	3.1	1.2	.2													197	199	308	178
34/ 33	.4	3.3	2.8	.7	.3													204	204	304	203
32/ 31	.3	2.8	1.7	.7	.1													148	149	239	251
30/ 29	.2	1.5	1.4	.7	.1													104	104	181	243
28/ 27	.2	.8	.5	.3														52	52	115	211
26/ 25	.1	.0	.1	.0														29	29	82	189
24/ 23				.0														1	1	41	145
22/ 21																				9	130
20/ 19																				2	65
18/ 17																					69
16/ 15																					42
14/ 13																					39
12/ 11																					24
10/ 9																					22
8/ 7																					11
6/ 5																					6
4/ 3																					3
2/ 1																					4
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      JAN  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      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									.0		.0																					2	2			
82/ 81														.0	.0																	2	2			
80/ 79													.0	.1	.1																	9	9			
78/ 77									.0			.1	.0	.0	.2																	14	14			
76/ 75												.1	.0	.2	.1																	13	13			
74/ 73							.0		.1	.0	.1	.2	.3	.4	.0																	32	33			
72/ 71								.0		.1	.2	.3	.5	.4	.0																	45	45			
70/ 69						.1	.1	.0	.2	.4	.6	.4	.4	.0																		62	62			
68/ 67				.0	.0	.3	.3	.3	.3	.3	.7	.6	.1																			74	74	1		
66/ 65				.0	.1	.2	.4	.5	1.0	.8	.7	.1																				105	105	2		
64/ 63				.2	.2	.2	.8	.8	1.3	.5	.4																					118	118	2		
62/ 61		.1	.1	.1	.4	.6	.9	1.4	1.0	.7	.1																					144	144	9	1	
60/ 59		.1	.2	.3	.5	.5	1.1	1.2	1.1	.9	.6	.4																				165	165	21	2	
58/ 57		.2	.6	.6	.7	1.3	1.4	1.3	.7	.4	.4																					193	193	37	8	
56/ 55	.1	.6	1.0	1.5	1.5	2.0	1.4	1.1	.6	.1	.0																					274	274	76	18	
54/ 53	.3	1.3	1.3	1.6	1.5	1.0	1.7	.9	.3	.1																						270	270	138	32	
52/ 51	.4	1.8	1.9	2.8	1.5	1.6	1.1	.7	.2																							329	329	225	63	
50/ 49	.3	1.4	2.2	2.1	1.6	1.4	.7	.3	.1																							275	275	323	101	
48/ 47	.2	1.6	2.0	1.4	1.1	.8	.4	.3	.1																							217	217	395	122	
46/ 45	.2	.9	1.3	1.3	.8	.6	.3	.0																								146	146	393	141	
44/ 43	.1	.0	1.0	.9	.6	.1	.1	.0																								95	95	329	189	
42/ 41	.0	.5	.7	.5	.2	.1	.1	.0																								59	61	276	208	
40/ 39	.1	.3	.4	.3	.0	.1																										41	42	200	213	
38/ 37	.1	.1	.1	.1	.1																											15	15	148	199	
36/ 35	.0	.1	.1																													7	7	64	190	
34/ 33		.0	.1																													4	5	38	156	
32/ 31	.1	.1		.0																												6	6	30	195	
30/ 29		.0	.0		.0																											3	3	6	173	
28/ 27																																	1	4	134	
26/ 25																																		1	126	
24/ 23																																	1	95		
22/ 21																																			64	
20/ 19																																			49	
18/ 17																																			54	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 JAN  
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																			
92/ 91														.0																				1	1					
90/ 89																																			1	1				
88/ 87															.0	.0																			3	3				
86/ 85															.0	.0																			7	7				
84/ 83																																				25	26			
82/ 81														.0	.0																					35	35			
80/ 79															.1	.1																				40	40			
78/ 77															.1	.1																				62	63			
76/ 75															.1	.2	.3																				89	89		
74/ 73															.1	.2	.3	.4	.5	.6	.7	1.0	.5	.1												105	105			
72/ 71			.0			.1	.0	.1	.1	.1	.4	.8	.9	1.5	.6	.1																				127	127			
70/ 69						.1	.1	.3	.4	.9	1.1	1.2	1.3	.3	.1																					159	159			
68/ 67						.1	.2	.4	.7	.9	1.4	1.4	1.0	.0																						173	173	4	1	
66/ 65					.1	.1	.3	.4	.9	1.1	1.4	1.2	.7																							187	187	4		
64/ 63			.0	.1	.3	.5	.7	.8	1.4	1.7	.9	.1																								174	174	10		
62/ 61		.1	.1	.4	.4	.9	1.1	1.2	1.2	1.3	.5																									197	197	16		
60/ 59		.1	.5	.7	.9	1.3	.9	1.0	1.1	1.1	.1																									210	210	51	4	
58/ 57		.4	.9	1.1	1.5	1.5	.7	1.1	.8	.7	.0																									242	242	104	7	
56/ 55	.1	.6	1.2	1.3	1.9	1.3	1.2	.7	1.1	.2	.1																									266	266	186	27	
54/ 53	.1	.9	1.1	1.3	1.5	1.0	.9	.4	.4	.1																										210	210	269	46	
52/ 51	.2	1.0	1.1	1.4	1.0	.7	.4	.1	.2																											165	165	345	75	
50/ 49	.2	.7	.8	.7	.3	.3	.1	.2	.2																											100	100	428	113	
48/ 47		.6	.6	.6	.3	.1	.2		.1																											67	67	409	125	
46/ 45	.0	.4	.2	.2		.1	.0																													27	28	348	148	
44/ 43	.1	.3	.1	.1																																16	16	237	155	
42/ 41	.0	.4	.0	.1	.1				.0																											19	19	150	196	
40/ 39		.1	.0	.1	.0	.0	.0																													9	9	90	175	
38/ 37	.1	.0	.0																																	4	4	35	189	
36/ 35																																						19	139	
34/ 33	.0																																			1	1	13	126	
32/ 31	.0																																				1	1	2	148
30/ 29	.0																																				1	1	3	157
28/ 27																																							1	137
26/ 25																																							1	129
Element (X)	ΣX²		ΣX		X̄		%		No. Obs.		Mean No. of Hours with Temperature							Total																						
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURLEN AFB CALIF/SAN BERNARDINO 43-72 JAN  
STATION STATION NAME YEARS MONTH  
 PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb
90/ 89										.0			.0				2	2		
88/ 87												.0		.0			2	2		
86/ 85											.0	.0			.0	.1	6	6		
84/ 83													.0	.1	.1	.0	8	8		
82/ 81										.0	.0		.1	.3	.1		18	18		
80/ 79									.0	.0	.1	.3	.4	.2	.1		32	32		
78/ 77							.1	.1	.1	.1	.3	.3	.2	.3	.2		45	45		
76/ 75							.0	.0	.1	.3	.5	.6	1.1	.2			75	75		
74/ 73						.0	.1	.1	.2	.4	.5	.7	.3	.1			68	68		
72/ 71			.0	.0	.0	.0	.2	.3	.3	.4	1.1	1.1	.5	.2			114	114	1	
70/ 69					.1	.1	.7	.7	.6	.8	1.2	1.1	.1				126	126		
68/ 67				.1	.1	.4	.7	.6	.8	1.1	1.4	.8	.0				165	165	1	
66/ 65				.0	.1	.3	.9	1.2	1.5	1.7	1.1	.3					194	194	6	1
64/ 63			.1	.1	.6	.7	.8	.9	1.0	1.0	1.0	.1					172	172	10	1
62/ 61		.1	.2	.4	.7	1.2	1.0	1.0	1.4	1.0	.6						209	209	15	1
60/ 59		.3	.3	.9	1.2	1.1	1.3	1.4	1.4	.9	.2						246	246	35	5
58/ 57		.2	.8	1.1	1.7	1.5	1.0	1.2	.4	.5							228	228	95	12
56/ 55	.1	.6	1.4	1.9	1.2	1.0	1.2	.7	.9	.1	.1						249	249	173	25
54/ 53	.2	1.0	1.0	1.3	1.3	1.2	.9	.5	.6	.1							238	238	261	47
52/ 51	.1	1.1	1.3	1.6	1.1	1.0	.5	.2	.5	.3							202	202	339	74
50/ 49	.3	1.2	.7	1.0	.5	.5	.2	.2	.2								132	132	435	128
48/ 47	.0	.7	.6	.3	.3	.3	.1	.1	.0								65	65	398	153
46/ 45	.1	.3	.6	.2		.1	.1	.0									37	37	325	174
44/ 43	.4	.4	.3	.2			.1										36	38	257	176
42/ 41	.1	.4	.2	.1	.0												24	24	163	196
40/ 39	.1	.2		.0	.0	.0	.0										14	14	109	186
38/ 37	.1	.1				.0											6	6	47	165
36/ 35	.0	.0															2	2	35	164
34/ 33	.1		.0														4	4	14	125
32/ 31																			4	146
30/ 29	.0																1	1	2	150
28/ 27																			2	119
26/ 25																				125
24/ 23																				86
Elem., (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	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) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION      NORTON AFB CALIF/SAN BERNARDINO STATION NAME      43-72 YEARS      JAN 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																		
80/ 79												.0																					7	2				
78/ 77																									.0		.1							3	3			
76/ 75												.0													.0									2	2			
74/ 73												.0													.1									10	10			
72/ 71											.0														.1									7	7			
70/ 69											.0														.0									12	12			
68/ 67											.1	.1												.1	.1									17	17			
66/ 65											.1	.2												.1	.2									32	32			
64/ 63											.1	.2	.4											.1	.2	.4								54	54	2		
62/ 61											.1	.2	.4	.6										.1	.2	.4	.6							58	58	3		
60/ 59											.1	.2	.4	.6	.8									.1	.2	.4	.6	.8						113	113	9		
58/ 57											.1	.2	.4	.6	.8	.9								.1	.2	.4	.6	.8						161	161	17	11	
56/ 55	.1	.8	2.1	2.0	1.0	1.0	1.0	.6	.3																									244	244	31	12	
54/ 53	.4	2.1	2.2	1.7	1.4	1.3	1.0	.7	.4	.1																								309	309	125	31	
52/ 51	.3	2.3	2.8	2.4	1.2	1.3	.7	.4	.1	.1																								313	313	214	77	
50/ 49	.6	2.4	2.7	2.7	1.5	1.4	.6	.5	.1																									337	337	275	155	
48/ 47	.3	1.9	2.7	2.2	1.6	.8	.7	.1																										287	287	303	150	
46/ 45	.1	1.9	2.6	1.8	.8	.8	.6	.1																										240	240	372	179	
44/ 43	.1	1.8	1.6	1.7	.6	.7	.2																											185	185	327	218	
42/ 41	.2	1.5	1.4	1.0	.4	.2	.2																											136	136	302	211	
40/ 39	.3	1.0	1.0	.3	.3	.2	.1																											86	86	257	235	
38/ 37	.2	.4	.5	.2	.3	.1																												45	45	198	172	
36/ 35	.1	.2	.3	.1	.0																													20	20	131	203	
34/ 33	.1	.1	.2	.0	.0																													16	16	68	147	
32/ 31	.1	.1	.1	.0	.0	.0																												12	12	44	174	
30/ 29	.0	.0	.0																															3	3	27	133	
28/ 27																																					5	121
26/ 25																																				2	91	
24/ 23																																					2	62
22/ 21																																						63
20/ 19																																						63
18/ 17																																						42
16/ 15																																						32
14/ 13																																						33
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MIRTON AFB CALIF/SAN BERNARDINE 44-72 JAN  
 STATION STATION NAME YEARS 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				
76/ 75												.1	.0					3	3						
72/ 71												.1	.0					1	3						
70/ 69													.0					1	1						
68/ 67																		1	1						
66/ 65										.0			.1	.0				4	4						
64/ 63				.1		.0				.0								5	5						
62/ 61		.1		.1	.0	.0	.0			.0			.2					15	15						
60/ 59		.2	.1	.0	.1	.0	.0	.1	.0	.1								17	17	4					
58/ 57	.0	.1	.0	.0	.1	.1	.2	.2	.1									23	23	10	4				
56/ 55	.1	.5	.3	.3	.2	.3	.4	.3	.2	.1								74	74	9	15				
54/ 53	.3	1.9	1.4	.5	.9	.6	.3	.1	.1									167	167	41	19				
52/ 51	.4	2.9	1.8	1.1	.7	.4	.4	.0	.0									220	220	109	55				
50/ 49	.6	3.7	2.6	1.7	.9	1.1	.3	.0	.1									295	297	154	99				
48/ 47	.5	2.8	3.1	1.5	2.0	.7	.2	.1										295	296	194	130				
46/ 45	.7	3.4	3.0	2.4	1.6	.7	.2	.1										330	330	253	145				
44/ 43	.3	3.6	2.8	2.2	1.3	.4	.1	.1										293	293	287	166				
42/ 41	.2	3.3	3.0	2.6	.6	.5	.1											279	279	296	183				
40/ 39	.4	3.4	3.4	1.4	.6	.2	.1											257	257	332	237				
38/ 37	.2	1.9	1.9	.9	.5	.1												148	148	336	181				
36/ 35	.1	1.4	1.4	.9	.3	.1												114	118	238	222				
34/ 33	.3	1.0	.9	.6	.1													78	78	171	213				
32/ 31	.1	.6	.3	.4	.0													41	41	120	198				
30/ 29	.1	.3	.2	.1														23	23	74	205				
28/ 27		.1																4	4	42	158				
26/ 25		.1																2	2	23	118				
24/ 23																			4		79				
22/ 21																					50				
20/ 19																					44				
18/ 17																					45				
16/ 15																					42				
14/ 13																					30				
12/ 11																					13				
10/ 9																					10				
8/ 7																					11				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURT. N AFB CALIF/SAN BERNARDINO 43-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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
6/ 5																					12
4/ 3																					
2/ 1																					
-16/-11																					
-16/-17																					
TOTAL	4.5	31.5	26.3	16.9	10.1	5.5	2.5	1.3	.6	.4	.2	.1	.1					2698		2697	
																	2696		2697		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature					Total									
Rel. Hum.	14512658	190634	70.7	19.621	2697		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	5385810	121504	45.0	6.499	2698			2.4	.3	.1			93								
Wet Bulb	4588471	109953	40.8	6.266	2697			9.1					93								
Dew Point	3556439	94225	34.9	9.905	2697		.1	35.4					93								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINE 44-72

FEB  
 MONTH

PAGE 1 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
68/ 67																		2	2		
66/ 65																		5	5		
64/ 63																		8	8		
62/ 61																		9	9		
60/ 59																		17	17		
58/ 57																		43	43	4	2
56/ 55	.4	1.2	.6	.4	.4	.2	.2	.2	.0	.1							89	89	23	15	
54/ 53	.3	3.0	1.2	.5	.0	.2	.2	.2	.2	.0							147	147	61	29	
52/ 51	.4	3.5	1.5	1.3	.7	.5	.4	.1	.1								205	200	113	78	
50/ 49	.7	4.2	2.6	1.0	.9	.5	.1	.2									244	244	166	120	
48/ 47	.3	4.2	2.8	1.4	.8	.4	.1	.3									250	251	181	121	
46/ 45	.5	6.1	3.3	1.5	1.1	.5	.1	.0									318	320	228	160	
44/ 43	.8	4.7	3.1	1.7	.7	.2	.1										274	274	316	202	
42/ 41	.5	3.9	2.8	1.8	.2	.1											226	226	273	237	
40/ 39	.4	3.6	3.5	1.1	.4	.1											222	222	280	201	
38/ 37	.1	2.7	2.3	.7	.2												147	147	264	163	
36/ 35	.1	1.7	1.8	.7	.2												108	108	197	192	
34/ 33	.1	1.4	.8	.6													72	72	143	196	
32/ 31	.0	.5	.5	.1													26	26	94	162	
30/ 29	.0	.1	.3	.1													13	15	59	139	
28/ 27																			18	103	
26/ 25																			6	86	
24/ 23																				56	
22/ 21																				51	
20/ 19																				26	
18/ 17																				34	
16/ 15																				22	
14/ 13																				12	
12/ 11																				11	
10/ 9																				4	
8/ 7																				5	
6/ 5																				6	
4/ 3																				3	
2/ 1																				3	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Ref. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM AND ORIGINATE



DATA PROCESSING BRANCH  
 USAF ETA.  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 STATION      MARTIN AFB CALIF/SAN BERNARDINO STATION NAME      43-77 YEARS      FEB 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																
64/ 63											.0																						1	1			
62/ 61											.1	.2	.0																				9	8			
60/ 59										.0	.0	.3	.1	.0																			13	13			
58/ 57		.4	.1						.1	.2	.1	.1	.2																				29	29	3	1	
56/ 55	.3	1.1	.3	.1	.1						.2	.2																					57	57	17	12	
54/ 53	.4	2.0	.7	.4	.3	.2	.2	.0	.3																								110	110	50	31	
52/ 51	.5	2.6	1.4	.3	.4	.2	.2	.4	.1																								150	150	85	57	
50/ 49	.5	3.4	2.0	.0	.5	.2	.3	.1	.0																								200	200	121	99	
48/ 47	.7	4.1	2.1	.6	.5	.3	.0	.3																									216	217	168	108	
46/ 45	.2	3.9	2.6	1.8	.8	.2	.2	.0																									241	244	174	127	
44/ 43	.6	5.7	3.0	1.8	.6	.4	.1																										304	305	232	140	
42/ 41	1.0	6.0	3.2	1.8	.6	.2																											320	321	292	187	
40/ 39	.8	3.4	3.3	1.0	.4	.1																											222	222	307	236	
38/ 37	.4	3.8	3.0	1.0	.2	.0																											209	212	267	183	
36/ 35	.2	3.1	2.4	.9	.1																												167	167	247	210	
34/ 33	.2	2.9	1.4	.6																													125	125	196	167	
32/ 31	.2	1.5	1.1	.2																													75	75	177	208	
30/ 29	.2	.5	.4	.0																													28	28	85	179	
28/ 27		.0	.1	.0	.0																												6	7	55	125	
26/ 25			.0																														1	1	9	111	
24/ 23																																				3	73
22/ 21																																			2	51	
20/ 19																																				41	
18/ 17																																				39	
16/ 15																																				16	
14/ 13																																				15	
12/ 11																																				18	
10/ 9																																				15	
8/ 7																																				6	
6/ 5																																				9	
4/ 3																																				5	
2/ 1																																				2	
-4/ -5																																				1	
-6/ -7																																				2	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE









DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SEN BERNARDINO      43-72      FEB  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
90/ 89														.0				1	1																	
84/ 83													.1	.0	.0			4	4																	
82/ 81										.1	.0							3	3																	
80/ 79								.0		.1				.0				5	5																	
78/ 77					.0		.0	.1		.3	.3	.1	.0					23	23																	
76/ 75					.0		.0	.1	.2	.2	.3	.3	.2	.0				35	35																	
74/ 73							.1	.1	.2	.2	.4	.4	.3					43	43																	
72/ 71			.0				.1	.2	.3	.4	.6	.4	.4	.1				64	64																	
70/ 69				.0			.1	.2	.6	.7	.7	.2	.6	.0				91	91																	
68/ 67				.0			.2	.5	.6	.9	.9	.4	.2	.0				94	94	3																
66/ 65				.0	.2		.6	.6	.9	1.3	.2	.5	.1					126	126	1	1															
64/ 63			.1	.2	.3		.7	1.0	1.1	.8	1.0	.3	.1					142	142	7	1															
62/ 61		.1	.2	.2	.8		.9	1.2	1.0	.9	.8	.4	.0					159	16	13	2															
60/ 59		.1	.4	.9	1.1		1.4	1.3	1.4	.8	.8	.2						202	21	32	2															
58/ 57	.3	.4	1.1	1.4	1.6		1.7	1.6	.6	1.2	.6							257	257	63	7															
56/ 55	.2	1.3	1.3	1.9	2.1		1.6	1.6	.2	.4	.2							277	277	145	27															
54/ 53	.1	1.2	2.2	2.0	1.9		1.0	1.4	.8	.3								269	270	207	61															
52/ 51	.2	.9	3.2	2.1	1.8		1.2	.7	.2	.2	.1							263	263	289	75															
50/ 49	.2	1.4	2.1	1.3	1.4		.8	.2	.2	.0								189	189	379	103															
48/ 47	.2	.9	1.6	.8	.6		.3	.3	.0									120	120	392	157															
46/ 45	.1	.7	.7	.5	.4		.2	.2	.0									72	73	334	199															
44/ 43	.4	.6	.4	.2			.1											44	44	267	225															
42/ 41		.4	.1	.0	.0		.0											17	17	199	230															
40/ 39	.0	.1	.0	.0	.0													5	5	113	197															
38/ 37																				41	172															
36/ 35			.1															2	2	19	207															
34/ 33																				6	125															
32/ 31																				4	110															
30/ 29																					118															
28/ 27																					85															
26/ 25																					75															
24/ 23																					69															
22/ 21																					53															
20/ 19																					42															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION    MORTON AFB CALIF/SAN BERNARDINE STATION NAME    43-72 YEARS    FEB MONTH    PAGE 1    1200-1400 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
94/ 93																.0		1	1																
92/ 91																.0	.0	2	2																
90/ 89																.0		2	2																
88/ 87													.0			.1		4	4																
86/ 85								.0		.0	.0	.1	.3			.2	.0	27	27																
84/ 83							.0		.0	.2	.2	.3	.3			.1		27	27																
82/ 81								.1		.4	.3	.4	.8			.0		54	54																
80/ 79						.0		.1	.2	.2	.5	.4	.9	.7		.2		78	78																
78/ 77						.1		.0	.2	.2	.4	.6	1.1	.9		.2		96	96																
76/ 75						.0		.0	.2	.2	.4	1.1	1.0	.4			109	109																	
74/ 73			.0			.1	.2	.5	.6	1.0	1.3	1.1	.1				123	123																	
72/ 71			.0	.0	.0	.0	.2	.5	.8	1.4	1.4	1.2	.6	.0			155	155	2																
70/ 69				.0	.0	.4	.4	.5	1.0	1.1	1.0	1.1	.5	.0			172	172	3																
68/ 67				.2	.4	.7	.7	.8	.9	1.4	1.1	.4	.2				156	156	4	1															
66/ 65				.2	.5	.9	1.1	1.4	1.3	1.3	1.2	.4					205	205	10	3															
64/ 63		.0	.0	.2	.9	1.0	1.0	1.2	.8	1.2	1.1	.1	.0				190	190	22	3															
62/ 61		.1	.3	.7	1.3	1.1	1.4	1.0	.7	.9	.5						199	199	38	3															
60/ 59		.1	.5	1.0	1.5	1.5	1.4	.9	.6	.9	.0	.0					212	212	115	4															
58/ 57	.1	.2	.7	.6	1.1	1.6	1.0	.8	.7	.2							176	176	155	9															
56/ 55	.2	.7	1.3	1.0	1.4	.8	.8	.5	.2	.1							174	174	262	34															
54/ 53	.0	.6	1.1	1.0	1.0	.8	.6	.2	.1								139	139	353	64															
52/ 51	.0	.8	.8	.8	.2	.5	.2	.1	.0								87	87	341	106															
50/ 49	.0	.4	.6	.4	.3	.1	.2	.1									53	53	375	112															
48/ 47	.0	.4	.7	.3	.1												41	41	302	152															
46/ 45	.1	.2	.2	.1													15	16	217	168															
44/ 43	.1	.2	.1														10	10	173	160															
42/ 41		.1	.1														5	5	101	178															
40/ 39		.0	.0														2	2	23	190															
38/ 37																			9	169															
36/ 35																			2	142															
34/ 33																			1	138															
32/ 31																				141															
30/ 29																				119															
28/ 27																				102															
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$n_x$	No. Obs.	Mean No. of Hrs 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) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTH W AFB CALIF/SAN BERNARDINO 43-77 FEB 1950  
 STATION STATION NAME YEAR MONTH  
 PAGE 1 1500-1700  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89																		2	2		
88/ 87																		1	1		
86/ 85								.0				.1	.0	.4	.0		17	17			
84/ 83								.0		.1	.2	.0	.3	.2			22	22			
82/ 81								.0	.0	.3	.2	.3	.5	.1	.0		41	41			
80/ 79								.0	.1	.2	.2	.5	.5	.3			53	53			
78/ 77						.0	.0	.2	.2	.3	.2	.5	.4	.6	.1		71	71			
76/ 75						.0	.2	.3	.3	.5	1.0	1.2	.8	.2	.0		113	113			
74/ 73							.4	.4	.3	.7	.4	1.0	.7	.0			96	96			
72/ 71				.0	.1		.5	.6	.9	1.0	1.0	.5					140	140	1		
70/ 69			.1	.0	.3	.4	.9	1.2	1.0	1.1	.8	.3	.0				155	155	1		
68/ 67	.0		.0	.2	.7	.9	1.0	1.5	.7	.9	.8	.1					172	172	4		
66/ 65			.2	.4	1.1	1.4	1.2	1.2	.6	.9	.7						193	193	6		
64/ 63			.5	1.2	1.1	1.4	1.2	1.2	1.0	.8	.1						212	213	20	2	
62/ 61	.2	.3	1.0	1.7	1.2	1.0	1.4	1.8	.7	.0	.1						221	221	59	3	
60/ 59	.1	.4	1.2	1.6	2.0	1.2	.8	.6	.5	.2							211	211	83	6	
58/ 57	.1	.7	1.0	1.3	1.1	1.3	1.3	.6	.4	.2							198	198	154	19	
56/ 55	.3	.5	1.1	.9	1.0	1.2	.6	.5	.4	.0							175	175	286	37	
54/ 53		1.0	1.2	1.2	1.1	.7	.8	.1	.2								157	157	345	78	
52/ 51		.8	1.0	1.0	.4	.3	.5	.0	.2								108	108	347	129	
50/ 49	.0	.5	.6	.5	.4	.1	.0	.0									54	54	343	151	
48/ 47	.0	.5	.7	.3	.0		.1										42	42	290	173	
46/ 45	.0	.3	.6	.2													27	27	249	168	
44/ 43	.1	.2	.2	.1	.0												17	17	180	169	
42/ 41		.1	.0														3	3	108	215	
40/ 39		.0	.0														2	2	32	175	
38/ 37																			12	143	
36/ 35																		5	165		
34/ 33																				128	
32/ 31																				120	
30/ 29																				107	
28/ 27																				75	
26/ 25																				94	
24/ 23																				56	
Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	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																					

USAF ETAC FORM 0-26-5 (OL A) REVISION 10-55 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE









DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

20122 HORTON AFB CALIF/SAN BERNARDINO 43-72

F F R  
 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
72/ 71																		1	1		
68/ 67									.1								.0	3	3		
66/ 65								.0	.0	.1	.2							11	11		
64/ 63						.0	.0	.1	.0	.1	.2							12	12		
62/ 61			.1	.1	.0	.2	.1			.1	.0	.1						18	18		
60/ 59		.2	.2	.0	.2	.2	.0	.1	.2	.2	.0	.0						35	35		
58/ 57	.1	.7	.6	.7	.4	.2	.3	.2	.3	.2								92	92	11	6
56/ 55	.4	2.3	1.7	.9	.6	.4	.4	.2	.2	.2								180	180	39	19
54/ 53	.3	2.5	2.3	1.2	.8	.8	.4	.3	.2	.0								216	216	111	45
52/ 51	.4	4.6	3.1	1.6	1.3	1.0	.4	.2	.1	.0								312	313	143	98
50/ 49	.6	4.6	4.4	1.0	1.3	.9	.2	.2	.0									347	348	257	145
48/ 47	.2	4.7	4.5	2.2	1.2	.5	.2	.2										341	341	265	188
46/ 45	.4	4.6	3.5	1.4	.9	.6	.1	.0										285	285	355	201
44/ 43	.2	3.2	3.4	1.3	.6	.2	.0											222	222	337	253
42/ 41	.0	2.3	2.7	1.0	.4	.1												161	161	298	236
40/ 39	.1	1.5	1.6	.8	.6													116	116	235	223
38/ 37		.9	.9	.9	.1													70	70	178	168
36/ 35		.7	.5	.5	.4													44	44	111	188
34/ 33	.0	.2	.2	.2														15	15	71	156
32/ 31		.0	.1															3	3	57	132
30/ 29			.1	.0														3	3	9	27
28/ 27																				7	68
26/ 25																				3	63
24/ 23																					44
22/ 21																					36
20/ 19																					34
18/ 17																					19
16/ 15																					25
14/ 13																					8
12/ 11																					4
10/ 9																					3
8/ 7																					4
6/ 5																					10
4/ 3																					9
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	$\bar{X}$	$\sigma_x$	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																					

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



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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

MAR  
 MONTH

PAGE 1 0000-0200  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69													.0					1	1																
68/ 67								.0			.0		.0					3	1																
66/ 65											.1		.0					4	4																
64/ 63											.1		.0					1	1																
62/ 61							.0		.0	.1	.1							5	6																
60/ 59				.1	.1			.0	.2									12	12																
58/ 57			.1	.1	.2	.0	.1	.1										17	17																
56/ 55	.1	1.1	1.1	.3	.4	.2	.0	.2	.0									86	86	4	1														
54/ 53	.1	2.9	2.1	.6	.4	.3	.1	.3										194	194	57	21														
52/ 51	.4	5.9	4.2	1.3	.7	.5	.3	.1										365	367	153	64														
50/ 49	.9	7.5	4.5	1.6	1.1	.5	.3	.1	.0									457	457	289	176														
48/ 47	.6	6.3	4.6	1.2	1.0	.7	.1		.0									399	399	386	260														
46/ 45	.7	7.5	2.5	1.5	.6	.2	.1		.0									357	357	405	304														
44/ 43	.7	5.2	2.3	1.4	.6	.1												280	280	357	359														
42/ 41	.7	3.9	2.1	1.1	.4													226	226	341	329														
40/ 39	.2	3.3	1.0	.4														147	150	271	227														
38/ 37	.2	1.4	.6	.4	.3													84	85	217	183														
36/ 35	.1	.6	.4	.3	.1													40	43	104	203														
34/ 33	.1	.5	.1	.1														25	25	66	140														
32/ 31		.2	.1															8	8	37	93														
30/ 29		.0																1	1	19	100														
28/ 27																				7	50														
26/ 25																					51														
24/ 23																					25														
22/ 21																					22														
20/ 19																					27														
18/ 17																					16														
16/ 15																					12														
14/ 13																					10														
12/ 11																					8														
10/ 9																					2														
8/ 7																					1														
6/ 5																					1														
-2/ -3																					3														
Element (X)	Σ x'		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122  
STATION

MIRTLN AFB CALIF/SAN BERNARDINO  
STATION NAME

43-77  
YEARS

MAR  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69											.0	.0					2	2			
68/ 67											.1						2	2			
66/ 65										.0	.0	.0					3	3			
64/ 63										.0	.0	.0					3	3			
62/ 61								.0									5	5			
60/ 59						.0		.1	.0	.1							8	8			
58/ 57			.0	.0	.0	.0	.0	.1	.0								8	8			
56/ 55	.3	.5	.3	.0	.1	.2	.0	.1	.2								45	45	7	8	
54/ 53	.3	2.3	.9	.4	.0	.0	.3	.2									125	125	36	12	
52/ 51	.7	4.3	2.0	.9	.1	.1	.2										252	252	115	67	
50/ 49	1.2	6.1	4.0	.8	.2	.7	.1										361	361	219	147	
48/ 47	.9	6.1	3.1	1.7	.7	.2	.3	.0	.0								360	360	302	205	
46/ 45	.7	6.5	2.7	1.3	.7	.5	.1										344	344	338	233	
44/ 43	1.0	6.3	2.0	1.5	.6	.1											345	347	304	281	
42/ 41	.6	6.1	2.5	1.6	.7	.1											326	326	351	303	
40/ 39	.7	3.9	2.0	.8	.1												204	206	353	282	
38/ 37	.4	3.0	1.4	.6	.1		.0										170	170	245	218	
36/ 35	.2	2.4	.6	.3	.1												98	100	247	205	
34/ 33	.3	1.5	.7	.3	.0												77	77	119	200	
32/ 31	.1	.3	.2	.0													17	18	78	158	
30/ 29	.1	.1	.1	.0													11	11	31	123	
28/ 27	.0																1	1	18	90	
26/ 25																		1	4	70	
24/ 23																				41	
22/ 21																				32	
20/ 19																				14	
18/ 17																				15	
16/ 15																				10	
14/ 13																				13	
12/ 11																				12	
10/ 9																				3	
8/ 7																				2	
6/ 5																				2	
2/ 1																				1	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$e_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 STATION MARTIN AFB CALIF/SAN BERNARDINO 43-72 YEARS

MAP MONTH

PAGE 1 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															
74/ 73							.0						.0				.0	3	3																	
72/ 71											.1							2	2																	
70/ 69								.0		.0								3	3																	
68/ 67						.0	.0		.1		.0							9	9																	
66/ 65					.1	.0	.1	.1	.2	.0		.1						14	16																	
64/ 63					.0	.0	.1	.2	.1		.1							15	15																	
62/ 61				.4	.1	.1	.3	.2	.2	.2	.0							33	33	1																
60/ 59				.1	.4	.1	.4	.3	.1	.2								46	46	1																
58/ 57		.1	.1	.5	.4	.7	.4	.3	.3	.1								78	78	3																
56/ 55	.1	.7	.8	.7	.7	.6	.4	.1	.1									116	116	12	6															
54/ 53		2.2	2.3	.9	.9	.8	.3	.3	.0									214	214	48	10															
52/ 51	.5	4.0	3.5	1.8	1.0	.6	.4	.0	.0									333	327	172	61															
50/ 49	.7	5.7	4.4	1.2	.7	.8	.2	.1										383	383	277	153															
48/ 47	.4	5.2	3.1	1.6	.8	.4	.3	.1										329	330	357	202															
46/ 45	.8	4.6	3.1	1.5	.9	.2	.1											317	313	432	282															
44/ 43	.7	3.9	2.6	1.2	.5	.3	.0											255	257	315	294															
42/ 41	.5	3.9	2.2	1.2	.3	.1												225	225	312	277															
40/ 39	.5	3.1	1.3	.7	.4													165	165	288	267															
38/ 37	.3	1.6	1.0	.5	.1													94	94	223	219															
36/ 35	.1	1.4	.7	.1	.0													63	63	129	234															
34/ 33	.1	1.0	.5	.0	.0													47	47	104	168															
32/ 31	.1	.4	.1		.0													17	17	55	153															
30/ 29	.1	.1	.1															8	8	25	118															
28/ 27																				7	104															
26/ 25																			1	3	56															
24/ 23																					34															
22/ 21																					30															
20/ 19																					28															
18/ 17																					22															
16/ 15																					11															
14/ 13																					7															
12/ 11																					4															
10/ 9																					4															
8/ 7																					4															
Element (X)	Σx'	Σx	Σ	Σx	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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72

MAR  
 MONTH

PAGE 1 0900-1100  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87															.0			1	1																
86/ 85															.1			2	3																
84/ 83									.0						.1			3	8																
82/ 81									.0	.0	.0	.0	.1	.1	.1			12	12																
80/ 79							.0	.0	.1	.1	.1	.5	.2	.1	.0			33	33																
78/ 77							.0	.1	.1	.3	.4	.7	.3	.0				49	42																
76/ 75							.1	.1	.0	.3	.3	.4	.6	.1				54	54																
74/ 73							.1	.1	.2	.5	.7	.9	.4	.1				79	79																
72/ 71					.0	.0	.2	.3	.4	.9	1.0	.7	.3					108	108																
70/ 69				.0	.0	.3	.3	.4	.7	1.2	.6	.3	.1					107	107																
68/ 67					.2	.3	.5	.9	.8	.9	.9	.3						132	132	2															
66/ 65				.1	.2	.3	.7	1.1	1.0	.9	.4	.1						153	153	4															
64/ 63		.0	.1	.3	.6	1.2	.8	1.2	1.0	.5	.5	.0						173	173	4															
62/ 61		.3	.6	1.6	1.5	1.1	.7	.7	.7	.1								198	198	18	2														
60/ 59		.5	2.0	2.4	1.5	1.0	1.2	.4	.5									264	264	45	4														
58/ 57		.2	1.7	2.5	2.5	1.0	.5	.5	.5	.1								262	262	90	7														
56/ 55		.7	2.5	3.4	2.3	.9	.6	.4	.5	.0								311	311	210	25														
54/ 53		1.4	2.5	3.4	1.8	.8	.4	.3	.2									293	294	384	47														
52/ 51	.1	1.4	2.8	2.0	1.3	.5	.3	.1	.0									239	240	480	112														
50/ 49		1.3	1.7	.9	.8	.2	.1	.1	.0									136	138	502	126														
48/ 47	.1	.9	.7	.8	.4	.1	.1											84	84	393	269														
46/ 45	.1	.6	.5	.6	.1	.1												39	39	279	302														
44/ 43	.1	.3	.1	.1														18	18	177	273														
42/ 41	.0	.2	.0															7	7	101	255														
40/ 39		.0																1	1	50	224														
38/ 37																				20	154														
36/ 35																				3	160														
34/ 33																				1	134														
32/ 31																					120														
30/ 29																					67														
28/ 27																					66														
26/ 25																					79														
24/ 23																					45														
22/ 21																					46														
Element (X)	Σx'	Σx	̄x	s <sub>x</sub>	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 7 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAG

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CA 13F/SAN BERNARDINE 43-72

MAR  
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		
96/ 95																		.0	1	1				
94/ 93																		.0	2	2				
92/ 91																	.1	.1	6	6				
90/ 89																	.1	.1	8	8				
88/ 87																	.0	.2	15	15				
86/ 85																	.1	.1	36	36				
84/ 83																	.1	.1	50	50				
82/ 81																	.1	.1	105	105				
80/ 79																	.1	.1	110	110				
78/ 77																	.1	.1	129	129				
76/ 75																	.1	.1	146	146				
74/ 73																	.1	.1	167	167				
72/ 71																	.1	.1	163	163	2			
70/ 69																	.1	.1	187	187	3			
68/ 67																	.1	.1	189	189	9			
66/ 65																	.1	.1	182	182	7	2		
64/ 63																	.1	.1	196	196	40	6		
62/ 61																	.1	.1	210	210	75	4		
59/ 57																	.1	.1	221	221	133	4		
57/ 55																	.1	.1	204	204	266	24		
54/ 53																	.1	.1	139	139	470	66		
52/ 51																	.1	.1	129	129	448	72		
50/ 49																	.1	.1	62	62	416	121		
48/ 47																	.1	.1	60	60	357	186		
46/ 45																	.1	.1	22	23	286	201		
44/ 43																	.1	.1	17	17	150	226		
42/ 41																	.1	.1	8	8	88	250		
40/ 39																	.1	.1	1	1	46	240		
38/ 37																	.1	.1	2	2	17	203		
36/ 35																	.1	.1			2	163		
34/ 33																	.1	.1				147		
32/ 31																	.1	.1				146		
30/ 29																	.1	.1				124		
																	.1	.1				91		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72

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

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	2	2		
92/ 91																	.1	5	5		
90/ 89																.0	.0	3	3		
88/ 87																.0	.1	11	13		
86/ 85										.1	.0	.1	.1	.1	.3	.2	.1	36	30		
84/ 83									.0	.0	.0	.2	.2	.4	.6	.3	.0	50	50		
82/ 81								.0	.0	.2	.2	.3	.5	.8	.8	.1		80	80		
80/ 79								.0	.3	.3	.4	.4	.8	.7	.1	.0		85	85		
78/ 77						.0	.2	.2	.4	1.0	.9	.6	.9	.3				127	127		
76/ 75					.1	.0	.3	.5	.9	.7	.9	.9	.5	.1				143	145		
74/ 73					.0	.3	.6	.9	1.1	1.3	.5	.5	.2					148	146		
72/ 71			.1		.0	.3	.4	1.1	1.3	1.0	.3	.8						171	171		
70/ 69					.1	.8	1.5	1.5	1.1	.8	.7	.6	.3					199	199	1	
68/ 67			.0	.1	.5	1.0	1.6	1.2	.9	.6	.4	.4	.0					193	193	9	
66/ 65			.1	.2	.9	1.9	1.3	1.0	.7	.5	.3	.3						195	195	14	3
64/ 63		.0	.0	.4	1.3	1.0	1.1	1.2	.3	.4	.4	.1						187	187	39	2
62/ 61			.4	.7	2.1	1.5	1.4	.8	.7	.1	.2	.0						215	215	76	3
60/ 59		.1	.4	1.0	1.7	2.4	.7	.4	.3									229	229	154	8
58/ 57		.2	.9	1.0	1.6	1.0	.6	.4	.2	.1								185	185	322	27
56/ 55		.4	1.1	1.3	1.3	.7	.3	.1	.2	.1								152	152	419	49
54/ 53	.3	.0	1.1	1.3	.6	.2	.1	.0		.0								118	116	404	97
52/ 51	.1	.7	.7	.7	.3	.1	.0	.1										73	78	399	151
50/ 49	.1	.7	.8	.4	.3	.1	.0											64	64	353	233
48/ 47	.1	.8	.4	.2	.1													43	43	238	259
46/ 45	.1	.2	.3															17	17	159	266
44/ 43	.1	.3	.1															12	12	91	235
42/ 41	.0	.3																8	6	52	245
40/ 39		.1																3	3	19	202
38/ 37																				7	153
36/ 35																					141
34/ 33																					102
32/ 31																					68
30/ 29																					65
28/ 27																					61
Element (X)	Σ X <sup>2</sup>	Σ X	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAH BERNARDINE 43-72

YEARS MONTH MAR

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																
84/ 83																																		3	3	
82/ 81																																		3	3	
80/ 79																																		3	3	
78/ 77																																		10	10	
76/ 75																																		10	10	
74/ 73																																		38	38	
72/ 71																																		48	48	
70/ 69																																		92	92	
68/ 67																																		93	93	
66/ 65																																		134	134	2
64/ 63																																		157	157	6
62/ 61																																		217	217	22
60/ 59																																		267	268	56
58/ 57																																		329	329	125
56/ 55																																		375	376	270
54/ 53																																		338	338	399
52/ 51																																		246	246	456
50/ 49																																		176	176	430
48/ 47																																		96	96	372
46/ 45																																		62	62	255
44/ 43																																		37	37	168
42/ 41																																		20	20	108
40/ 39																																		9	9	65
38/ 37																																		1	1	20
36/ 35																																		1	1	9
34/ 33																																		2	2	65
32/ 31																																				54
30/ 29																																				50
28/ 27																																				48
26/ 25																																				32
24/ 23																																				37
22/ 21																																				31
20/ 19																																				25
18/ 17																																				17
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72  
 STATION STATION NAME YEARS

YEAR  
 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				
16/ 15																									18
14/ 13																									20
12/ 11																									17
10/ 9																									7
8/ 7																									7
6/ 5																									1
4/ 3																									2
2/ 1																									1
0/ -1																									3
-4/ -5																									3
TOTAL	1.8	3.2	18.8	19.9	13.6	9.9	7.1	4.6	3.5	3.2	2.0	1.1	.9	.3	.1	.0		2765	2767	2765	2765				
Element (X)	Σ x <sup>2</sup>		Σ x		$\bar{x}$	$s_x$	No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.	11898976		171618		62.1	21.240	2765		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	9248415		158809		57.4	6.954	2767				10.1	2.3	.2		93										
Wet Bulb	6977878		138252		50.0	4.856	2765								93										
Dew Point	5232672		117266		42.4	9.686	2765		.3	12.7					93										

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 JORTEN AFB CALIF/SAN BERNARDINO 43-72

YEARS

MAR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69						.0			.0									7	2		
68/ 67					.0				.0									6	6		
66/ 65						.1	.0	.0	.0	.1	.0							9	9		
64/ 63				.1	.2	.1	.1	.0	.1	.0	.0							20	20		
62/ 61			.0	.2	.2	.1	.1	.0	.0	.0								20	20		
60/ 59		.0	.3	.7	.4	.4	.2	.2	.2	.0								68	68		
58/ 57	.1	.5	1.5	1.2	.7	.5	.5	.3	.1	.0								147	147	12	8
56/ 55	.1	2.1	4.2	2.1	1.2	.5	.6	.3	.1	.0								307	307	54	10
54/ 53	.4	4.1	5.0	3.1	1.2	.9	.9	.2	.1									425	425	163	55
52/ 51	.3	6.0	6.6	2.2	1.2	1.1	.3	.1										489	489	313	139
50/ 49	.5	5.2	4.7	1.9	1.1	.5	.3		.0									389	389	468	261
48/ 47	.8	4.5	3.5	1.7	.9	.7	.0	.0	.1									346	346	483	363
46/ 45	.4	4.3	1.7	.9	.7	.2	.0											228	228	377	383
44/ 43	.5	2.3	1.4	.6	.1	.2	.0											145	145	331	352
42/ 41	.3	1.4	.7	.4	.3	.2												90	90	235	254
40/ 39	.3	.6	.3	.3	.2	.0												44	45	155	207
38/ 37	.1	.2	.1	.0	.1													13	13	74	141
36/ 35		.1	.0	.1														7	7	37	119
34/ 33	.0		.1															3	3	26	82
32/ 31																				14	68
30/ 29																				2	63
28/ 27																					55
26/ 25																					39
24/ 23																					32
22/ 21																					18
20/ 19																					13
18/ 17																					10
16/ 15																					15
14/ 13																					4
12/ 11																					6
10/ 9																					6
4/ 3																					1
0/ -1																					2
-2/ -3																					1
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MONT. AFB CALIF/SN BERNARDINE 43-71

APR  
 MONTH

Part 1 0000-0200  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77														.1				2	2		
76/ 75														.0				1	1		
74/ 73																		4	4		
70/ 69																		1	1		
68/ 67											.0							1	1		
66/ 65																		2	2		
64/ 63				.1	.2	.0					.1						10	10			
62/ 61		.0	.1	.1	.2	.0					.1						17	17			
60/ 59		.3	.3	.5	.4	.1	.2	.1									48	48	2	1	
58/ 57	.0	1.7	2.5	.9	.7	.4	.1	.1									163	163	18	5	
56/ 55	.8	4.3	5.2	1.4	.7	.6	.3	.2									350	350	113	49	
54/ 53	.5	6.7	4.6	1.5	.7	.3	.1	.0									374	374	253	95	
52/ 51	1.1	6.2	5.5	2.1	.7	.1	.2										418	416	368	256	
50/ 49	.7	6.0	5.2	2.0	.4	.2		.0									381	381	377	267	
48/ 47	.7	5.0	3.8	1.2	.3	.2		.0									286	286	406	327	
46/ 45	.3	4.3	3.2	.5	.2	.1											225	225	347	343	
44/ 43	.4	3.3	1.6	.3	.1												146	146	290	304	
42/ 41	.1	2.3	.8	.1	.1												91	91	195	263	
40/ 39	.2	1.0	.5	.1													46	46	124	228	
38/ 37	.0	.6	.3	.0													25	25	64	159	
36/ 35	.1	.1	.1														7	7	31	109	
34/ 33		.0															1	1	8	64	
32/ 31																			3	45	
30/ 29																				11	
28/ 27																				15	
26/ 25																				17	
24/ 23																				7	
22/ 21																				5	
16/ 15																				2	
14/ 13																				2	
12/ 11																				1	
TOTAL	4.0	42.1	33.7	10.7	4.6	2.1	.9	.5	.2	.1	.0	.0	.1						2599		2599
																		2599		2599	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	17061019	207715	79.8	3.309	2599	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6722558	131314	50.6	5.105	2599			.3	.2			90									
Wet Bulb	5897129	123175	47.4	4.784	2599			.1				90									
Dew Point	5175473	114819	44.2	6.296	2599			3.9				90									

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR CENTER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122  
STATION

MURTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-71  
YEARS

APR  
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				
74/ 73																			3	3					
72/ 71											.0		.0						3	3					
68/ 67												.0							1	1					
66/ 65										.0									2	2					
64/ 63										.0									2	2					
62/ 61					.0			.0			.0								4	4					
60/ 59		.2	.1	.1	.1	.1	.1	.0		.0									17	17					
58/ 57	.1	.8	.3	.3	.4	.2	.1	.2											61	61	11	7			
56/ 55	.9	3.7	3.3	.7	.3	.1	.1	.0		.0									236	236	65	36			
54/ 53	1.3	5.6	3.2	1.1	.6	.2	.2	.2	.0										322	322	171	87			
52/ 51	1.4	6.3	3.1	1.6	.8	.4	.1	.0	.0										357	357	306	187			
50/ 49	.7	5.7	3.0	1.2	.8	.1	.1	.0	.1										360	360	289	267			
48/ 47	1.3	4.7	3.8	1.0	.5														293	293	349	237			
46/ 45	.5	6.5	3.9	1.2	.3	.0													323	323	324	261			
44/ 43	.3	5.2	3.0	.2	.2	.0													233	233	333	288			
42/ 41	.1	3.9	2.0	.3	.2														169	169	275	289			
40/ 39	.3	2.7	1.4	.2	.1														119	119	223	249			
38/ 37	.1	1.3	.7	.0															53	53	128	213			
36/ 35	.1	.8	.1	.0															28	28	76	175			
34/ 33	.1	.4	.0																14	14	39	116			
32/ 31		.1																	2	2	12	73			
30/ 29																					1	47			
28/ 27																						19			
26/ 25																						15			
24/ 23																						9			
22/ 21																						8			
20/ 19																						6			
18/ 17																						6			
16/ 15																						2			
14/ 13																						2			
8/ 7																						1			
6/ 5																						2			
TOTAL	7.2	47.9	30.0	7.8	4.3	1.1	.7	.4	.3	.2	.0	.0	.2						2602	2602	2602	2602			
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	$\bar{X}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	17726105	211817	81.4	13.628	2602	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	6191870	126140	48.5	5.435	2602		.1	.2	.1			90													
Wet Bulb	5491223	118733	45.6	5.307	2602		.4					90													
Dew Point	4843954	110794	42.6	6.969	2602		6.6					90													

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDING 93-71

APR MONTH  
 YEARS

PAGE 1 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														
82/ 81													.0					1	1																
80/ 79				.0								.0						4	4																
78/ 77												.0	.0					2	2																
76/ 75												.0	.1					7	7																
74/ 73								.0		.1	.1	.2	.1					14	14	1															
72/ 71						.0		.0	.1	.0	.2	.1	.0					16	16		1														
70/ 69				.1	.0	.1	.3	.3	.3	.2	.1	.1						40	40																
68/ 67				.0	.1	.1	.2	.4	.3	.2	.1							36	36																
66/ 65				.1	.1	.3	.2	.6	.3	.0	.0							43	43	1															
64/ 63			.2	.0	.2	.5	.3	.3	.2	.0								45	48	2															
62/ 61			.1	.6	.5	1.0	.5	.3	.2	.0								81	91	5	1														
60/ 59		.2	.8	1.2	.8	.7	.6	.3	.2	.1								124	124	15	1														
58/ 57	.0	1.1	1.7	1.7	1.1	1.1	.4	.2	.0									190	190	45	8														
56/ 55	.4	3.4	4.3	2.6	1.2	.5	.7	.2	.1									344	344	137	36														
54/ 53	1.1	4.7	4.6	2.7	1.1	.5	.0	.2										385	385	278	100														
52/ 51	.8	4.7	4.7	1.7	.6	.2	.1											332	332	415	200														
50/ 49	.5	3.3	4.4	2.3	.6	.2	.1	.1										299	299	413	287														
48/ 47	.5	2.5	3.3	1.1	.2	.1	.0											204	207	351	290														
46/ 45	.5	2.8	2.4	.8	.2	.0												174	174	313	290														
44/ 43		2.0	1.7	.4	.1													109	109	245	270														
42/ 41		1.5	.9	.2	.1													68	68	161	261														
40/ 39	.1	1.3	.5	.0														49	49	112	244														
38/ 37		.5	.3															20	20	67	173														
36/ 35		.3	.0															9	9	24	165														
34/ 33			.0															1	1	15	78														
32/ 31																				1	53														
30/ 29																					36														
28/ 27																					23														
26/ 25																					20														
24/ 23																					9														
22/ 21																					12														
20/ 19																					11														
18/ 17																					2														
16/ 15																					5														
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 47-71 APR  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0900-1100  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
94/ 93								.0					.0			.1		4	4																		
92/ 91													.0			.1		6	6																		
90/ 89													.0			.1		11	11																		
88/ 87						.0					.1	.2	.1	.3	.1	.2	.1	25	25																		
86/ 85								.0	.1	.1	.1	.0	.5	.4	.3	.2		42	42																		
84/ 83						.0		.0	.0	.1	.2	.1	.3	.4	.3	.2		46	46																		
82/ 81						.0	.1	.2	.1	.2	.3	.6	.5	.5	.5	.0		67	67																		
80/ 79							.2	.2	.1	.3	.7	.7	.5	.1				76	76	1																	
78/ 77						.1	.1	.1	.3	.3	.7	.8	.5	.3	.0			85	85	2																	
76/ 75						.1	.2	.3	.4	.5	.8	.8	.3	.0				91	91	1	1																
74/ 73						.1	.2	.5	.7	.8	.6	.6	.2	.0				101	101	1	2																
72/ 71						.2	.3	.6	.7	.7	.6	.5	.3	.2				107	107	3	1																
70/ 69			.0	.0	.2	.6	.9	1.2	1.0	.8	.4	.2						140	140	3	1																
68/ 67			.1	.2	.6	1.2	.8	.8	.8	.7	.2	.1						142	142	14	1																
66/ 65		.1	.0	.4	1.0	1.8	1.1	1.3	.5	.4	.2	.0						176	176	23	4																
64/ 63		.0	.3	.9	1.8	2.0	1.0	.6	.4	.3	.2	.0						197	197	45	8																
62/ 61		.1	.5	1.5	2.7	1.7	1.0	.4	.1	.2	.0							219	219	66	9																
60/ 59		.1	1.0	3.2	3.0	1.5	.8	.5	.0									263	253	185	16																
58/ 57		.5	2.0	3.1	1.8	1.2	.6		.1	.1								247	247	276	34																
56/ 55		.7	2.4	2.2	1.6	1.0	.2											214	214	402	72																
54/ 53	.1	1.3	1.5	1.4	1.5	.3	.1	.0										162	162	484	107																
52/ 51	.2	.4	.5	1.3	.6													80	80	402	230																
50/ 49		.2	1.0	.9	.2	.1												68	68	254	278																
48/ 47		.2	.4	.2	.1													21	21	196	290																
46/ 45	.0	.0	.1	.2														8	8	160	247																
44/ 43		.1	.0															4	4	53	212																
42/ 41																				20	222																
40/ 39																				6	20																
38/ 37																					149																
36/ 35																					117																
34/ 33																					113																
32/ 31																					66																
30/ 29																					44																
28/ 27																					24																
Element (X)	Σx'	Σx	̄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 (OLA) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINE 43-71 APR 1964  
 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																
100/ 99																	.0	1	1																		
98/ 97																	.0	5	5																		
96/ 95										.1			.0			.1	.4	15	15																		
94/ 93													.0		.0	.0	.5	21	21																		
92/ 91												.0	.1	.3	.2	.3	1.0	49	49																		
90/ 89											.1	.1	.1	.3	.3	.6	1.3	71	71																		
88/ 87								.1		.1	.1	.1	.3	.3	.8	1.1	.6	93	93																		
86/ 85								.0	.0	.1	.2	.3	.5	.6	.9	1.0	.1	96	96	1																	
84/ 83								.0	.1	.3	.4	.4	.7	1.0	.8	.4		110	110																		
82/ 81							.0	.2	.4	.5	.5	.8	.7	.7	.7	.2		113	118																		
80/ 79				.0	.1	.1	.1	.2	.3	1.0	.0	.0	1.0	.6	.2			136	136																		
78/ 77					.1	.1	.1	.4	.5	.8	.7	.9	.5	.3	.0			115	115																		
76/ 75			.0	.1	.2	.1	.3	.7	1.0	.7	1.1	.8	.6	.2				151	151	3																	
74/ 73					.1	.3	.5	1.2	1.1	1.0	.9	.5	.3					155	155	2																	
72/ 71				.2	.2	.6	1.0	1.7	1.2	.7	.5	.3	.2					168	168	15	1																
70/ 69		.0		.2	.3	.8	1.2	1.6	1.2	.3	.5	.2	.0					166	166	21	3																
68/ 67			.1	.3	.5	1.2	2.0	1.1	.5	.4	.3	.0	.0					168	168	31	8																
66/ 65			.0	.1	.7	1.7	1.9	.0	.7		.1	.1						166	166	67	19																
64/ 63			.0	.3	1.5	2.3	1.0	.7	.2	.4		.0						167	167	121	13																
62/ 61			.1	1.0	1.2	2.0	.9	.5	.2	.0	.0							152	152	105	19																
60/ 59			.3	1.2	1.3	1.2	.9	.3	.1	.0	.0							138	138	307	22																
58/ 57		.1	.4	1.5	.7	.8	.4	.6	.0									127	127	373	51																
56/ 55	.1	.5	.0	.7	.8	.8	.2	.0										98	98	459	73																
54/ 53	.1	.2	.3	.7	.5	.3	.0											56	56	338	105																
52/ 51	.1	.2	.3	.4	.3	.0												34	34	249	191																
50/ 49		.3	.5	.2														28	28	175	231																
48/ 47		.2	.2															8	8	126	235																
46/ 45		.0	.1															4	4	83	236																
44/ 43		.0	.0															2	2	33	211																
42/ 41		.0																1	1	9	179																
40/ 39																				1	165																
38/ 37																					168																
36/ 35																					118																
34/ 33																					91																
Element (X)	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	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 (OLA) 0-26-5 (OLA) REVISIONS INDICATED BY THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 WORTON AFB CALIF/SAN BERNARDINO 43-72

APP  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
98/97															.0		.0	7	2																	
96/95														.0			.2	8	8																	
94/93														.0	.0	.1	.4	14	14																	
92/91							.0			.0	.1	.1	.2	.1	.2	.8	39	39																		
90/89									.0	.2			.3	.3	.5	.5	49	40																		
88/87							.0		.1	.1	.1	.3	.3	.8	.7	.3	73	73																		
86/85								.0	.1	.2	.3	.6	.5	.6	.6	.2	81	81																		
84/83							.0	.2	.2	.5	.6	.8	.7	.5	.1		99	99																		
82/81						.1	.1	.3	.3	.8	1.0	.6	.6	.3			111	111																		
80/79				.1		.1	.3	.7	.8	1.0	.9	.7	.5	.2			140	140																		
78/77			.0	.1	.2	.2	.7	1.1	1.4	.8	1.0	.5	.3				165	165	1																	
76/75			.0	.0	.2	.2	.5	1.0	1.3	1.3	.7	.5	.5	.2			168	168	1																	
74/73			.0	.0	.1	.3	.7	1.3	1.1	.7	.8	.2	.2				141	140	4	1																
72/71	.0	.0	.1	.2	.6	1.5	1.7	.8	.7	.4	.3	.1					166	166	7	2																
70/69			.1	.5	1.4	1.5	1.5	.9	.4	.3	.2						187	182	22	4																
68/67			.1	.4	1.3	2.0	1.2	.6	.5	.0	.0						161	161	32	3																
66/65		.1	.1	.3	1.1	2.0	1.3	.9	.4	.2	.1						183	183	67	10																
64/63		.0	.0	.3	1.5	1.9	1.0	.5	.1	.1							143	143	151	21																
62/61		.0	.2	.4	1.5	1.6	1.4	.4	.1	.0							159	159	226	14																
60/59		.0	.2	1.4	1.6	.9	.5	.5		.0	.0						142	143	346	33																
58/57		.2	.4	1.4	.9	.5	.1										111	111	362	54																
56/55	.0	.7	.6	.8	.7	.5	.3	.0									93	93	414	87																
54/53	.2	.4	.6	.6	.5	.1											63	63	325	150																
52/51		.3		.6	.3	.1											47	47	241	225																
50/49	.1	.2	.4	.2	.2												27	27	163	271																
48/47	.1	.2	.4	.0	.0												21	21	98	288																
46/45		.3	.1														7	9	82	250																
44/43		.2	.0														7	7	35	203																
42/41		.0	.0														2	2	17	209																
40/39																			3	152																
38/37																				137																
36/35																				87																
34/33																				107																
32/31																				66																
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 WRIGHT AFB CALIF/SAN BERNARDINO 43-72

APR  
MONTH  
YEARS

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
90/ 89															.0				1	1	
88/ 87													.0		.0				2	2	
86/ 85												.0		.1	.0	.0	.0		7	7	
84/ 83												.0		.0	.2	.0	.0		8	8	
82/ 81									.0		.0	.1	.0	.0	.0	.0			13	13	
80/ 79								.0	.0	.0	.2	.3	.4	.1	.1	.2			36	36	
78/ 77						.0	.0	.1	.3	.2	.3	.2	.2	.2					44	44	
76/ 75					.1	.1	.2	.3	.3	.6	.3	.2	.1	.2					62	62	
74/ 73				.1	.0	.1	.5	.8	.6	.5	.3	.3	.0	.0					84	84	
72/ 71			.1	.2	.5	.9	.8	.7	.4	.2	.1	.1						100	100		
70/ 69			.2	.7	.8	1.2	.8	.6	.2	.2	.1	.0						124	124	1	
68/ 67			.1	.5	1.0	1.6	1.5	.8	.4	.4	.1	.0						171	171	6	
66/ 65	.1	.2	1.3	1.6	1.5	1.1	.7	.5	.2	.1								187	187	16	
64/ 63	.1	.4	1.0	1.7	1.6	.6	.5	.2	.0									181	181	41	
62/ 61	.3	1.2	3.1	2.7	1.1	1.0	.3	.2	.1									260	260	105	17
60/ 59	.5	2.1	4.2	2.4	1.3	.6	.3	.0										294	294	207	29
58/ 57	.7	3.0	4.3	1.5	.7	.3	.0		.0									277	277	310	72
56/ 55	1.0	3.4	3.1	1.5	.8	.3	.1											264	264	367	126
54/ 53	.3	.9	2.2	2.0	1.3	.4	.1											185	185	439	214
52/ 51	.0	.8	1.1	1.1	.8	.3	.0											111	111	351	314
50/ 49	.2	.8	.8	1.2	.2	.1												87	87	297	339
48/ 47		.4	.8	.6	.6	.0												42	42	186	292
46/ 45	.0	.7	.2	.6														25	25	132	274
44/ 43		.5	.2															17	17	89	209
42/ 41	.1	.1	.1															6	6	35	173
40/ 39		.0																1	1	12	142
38/ 37																				1	110
36/ 35																					89
34/ 33																					44
32/ 31																					46
30/ 29																					70
28/ 27																					14
26/ 25																					11
24/ 23																					9
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAO

# PSYCHROMETRIC SUMMARY

23122 WRIGHT AFB CALIF/SAN BERNARDINO 43-72

APR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	Diy Bulb	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	Wet Bulb	Dew Point	
76/75															.0	.0					2	2		
74/73												.0	.0	.0	.0	.0					6	6		
72/71											.0	.0	.0	.0							4	4		
70/69											.0	.1	.0	.0							7	7		
68/67					.2	.1				.2	.2	.2	.1	.0		.1					22	26		
66/65				.0	.4	.7	.5	.3	.2	.0	.0										52	57		
64/63			.5	.5	.6	.8	.4	.2	.1												77	77	2	
62/61		.1	.8	1.5	1.1	.5	.8	.2	.0												132	132	7	
60/59		.9	2.2	2.2	1.6	.5	.3	.2	.1												207	207	35	4
58/57	.0	2.3	5.6	2.1	1.7	.7	.3	.1													360	366	103	30
56/55	.4	3.8	7.5	3.7	1.0	.5	.1	.2													446	446	262	81
54/53	.2	4.0	6.7	3.3	1.2	.4	.1														415	415	409	183
52/51	.3	2.9	5.0	2.5	.8	.0	.2														306	306	444	313
50/49	.3	2.3	3.8	2.1	.8	.0	.1														233	233	437	359
48/47	.1	1.7	2.3	.9	.1	.2															136	136	333	362
46/45	.2	1.6	1.3	.6	.0																97	97	250	323
44/43	.0	1.0	.6	.3	.0																53	53	160	274
42/41		.6	.3	.2																	26	26	92	201
40/39		.1	.1	.1																	7	7	36	167
38/37		.1																			3	3	25	127
36/35																							0	70
34/33																							2	39
32/31																								27
30/29																								9
28/27																								7
26/25																								12
24/23																								12
22/21																								3
20/19																								2
18/17																								1
16/15																								1
14/13																								1
TOTAL	1.0	21.5	36.5	21.4	9.4	4.4	2.8	1.3	.5	.2	.1	.1	.1	.0							2502	2602	2503	2603
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$s_x$	No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.	14721243	192259		73.9	14.077	2602		≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	90										
Dry Bulb	7821497	141975		54.6	5.363	2602				1.6	.3			97										
Wet Bulb	6558017	130117		50.0	4.548	2602								97										
Dew Point	5568314	119314		45.8	6.178	2603			2.4					90										

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR -EAT-EP SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTH AFB CALIF/SAN BERNARDINE 43-72

MAY

STATION

STATION NAME

YEARS

MONTH

Page 1 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								
72/ 71						.3																				1	1			
70/ 69						.0																					2	2		
68/ 67					.4	.1	.0																				4	4		
66/ 65					.2	.2	.0	.1	.1											.1	.0						19	19		
64/ 63				.3	.3	.1	.1	.1		.0	.0	.1															31	31	1	
62/ 61		.2	.9	.4	.2	.3	.1	.1																			64	64	3	
60/ 59	.1	2.2	2.8	1.9	.8	.3	.2	.1	.0	.0																	232	232	30	2
58/ 57	.1	7.3	8.8	2.0	.6	.4	.1	.0																			539	540	127	57
56/ 55	.4	8.7	9.3	2.5	.8	.2	.2																				614	614	423	166
54/ 53	.5	6.8	6.4	2.0	.7	.3	.1	.0																			466	466	562	378
52/ 51	.4	5.8	4.4	.9	.3	.2	.0																				334	334	537	476
50/ 49	.1	3.9	2.7	.8	.3	.1																					218	218	417	435
48/ 47	.1	2.3	2.1	.4	.1	.0																					136	137	284	396
46/ 45	.1	1.0	1.2	.3	.0																						72	72	189	265
44/ 43	.1	.6	.4	.0	.0																						32	32	110	204
42/ 41		.2	.1	.1																							11	11	65	113
40/ 39		.0																									1	1	21	112
38/ 37																													5	48
36/ 35																													2	44
34/ 33																														15
32/ 31																														16
30/ 29																														15
28/ 27																														6
26/ 25																														4
24/ 23																														2
22/ 21																														1
20/ 19																														1
18/ 17																														2
16/ 15																														1
14/ 13																														1
TOTAL	1.9	39.1	39.3	11.8	4.2	1.9	1.0	.4	.1	.1	.1	.0															2776	2778	2776	2776
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																		
Rel. Hum.	18243201	222653	80.2	11.779	2776	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																		
Dry Bulb	8278485	151215	54.4	4.131	2778			.2				93																		
Wet Bulb	7291293	141819	51.1	4.076	2776							93																		
Dew Point	6522977	133655	48.1	5.629	2776		1.6					93																		

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







DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EATER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

23122 AIRT IN AFB CALIF/SAN BERNARDINE 43-72

PAY  
 MONTH

PAGE 1 0900-1100  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	C	1-2	3-4	5-6	7-8	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	7	2			
98/97																	.1	3	3			
96/95																	.2	6	6			
94/93																	.1	12	12			
92/91									.0	.0			.0	.1	.1	.1	.2	17	17			
90/89									.0	.0		.0	.1	.2	.1	.3	.1	23	23			
88/87										.1	.2	.1	.2	.3	.3	.1		36	36			
86/85					.0				.1	.1	.3	.2	.3	.6	.0	.2		31	33			
84/83						.1	.1	.1	.3	.5	.4	.9	.5	.4	.1			93	93			
82/81						.0	.1	.2	.1	.3	.5	.6	.5	.2	.3			85	85			
80/79							.1	.3	.8	.6	.9	.6	.7	.3	.1			123	123			
78/77						.1	.1	.4	.9	.9	.6	.5	.4	.2				113	114	2		
76/75				.0	.1	.1	.5	.9	1.0	.6	.5	.3	.2	.1				121	123			
74/73				.1	.1	.5	.7	1.5	.8	.3	.3	.3	.2					134	134	2	1	
72/71				.0	.2	1.0	1.2	1.2	.3	.4	.1	.2						129	129	3	1	
70/69			.0	.1	.9	1.7	1.5	.9	.7	.3	.2							173	173	11		
68/67			.1	.2	1.9	2.1	2.0	.6	.3	.1	.1							200	200	35	4	
66/65			.3	1.5	2.0	3.3	1.6	.4	.1	.2	.0							262	262	73	8	
64/63		.1	.4	2.6	3.5	2.1	1.2	.4	.1	.0								283	283	139	14	
62/61		.1	1.5	3.4	3.0	1.8	.6	.2	.0									293	293	241	18	
60/59		.3	2.5	2.9	2.2	1.0	.2	-1										251	251	408	30	
58/57	.1	.9	2.1	1.4	1.2	.2	.1											168	168	465	95	
56/55		.7	1.3	.6	.6	.1												100	100	565	214	
54/53		.6	.5	.5	.2	.0												50	50	367	353	
52/51		.2	.5	.1	.0													22	22	242	392	
50/49	.1	.1	.0	.1														11	11	141	409	
48/47			.1	.0														4	4	52	264	
46/45		.0																1	1	11	255	
44/43																				9	162	
42/41																					153	
40/39																					92	
38/37																					81	
36/35																					47	
34/33																					42	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	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





DATA PROCESSING BRANCH  
 USAF ETAL  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-77

MAY  
 MONTH

PAGE 1 1200-1400  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
104/103																	.1	4	4																	
102/101																	.2	5	5																	
100/99																	.8	21	21																	
98/97												.0				.0	.7	22	22																	
96/95											.0	.1	.2	.1			.3	22	22																	
94/93											.0	.1	.0	.6	.3		.3	38	38																	
92/91								.0			.2	.4	.4	.4	.6		.6	72	72																	
90/89						.0		.0	.1	.2	.4	.9	.8	.9	.8		.3	122	122																	
88/87							.1		.2	.5	.9	1.0	1.1	.4		.2	137	137																		
86/85							.1	.1	.4	.8	1.1	.9	.8	.6	.1		147	149																		
84/83						.0	.1	.2	.8	1.2	.8	.6	.5	.4	.3		133	133																		
82/81					.1	.2	.3	.5	1.2	1.3	.9	.5	.4	.3	.1		158	136																		
80/79					.1	.4	.5	1.0	1.7	1.2	.5	.5	.3	.1			174	174																		
78/77					.1	.2	1.0	1.7	1.7	.9	.3	.3	.1				176	176	2																	
76/75				.1	.0	.1	1.0	1.5	2.0	1.2	.4	.5	.3				194	194	1		7															
74/73				.1	.1	.5	1.8	1.9	2.2	.6	.2	.3					207	209	6		1															
72/71				.1	.3	1.0	1.7	2.2	1.5	.5	.2	.0	.0				213	213	22		7															
70/69	.0	.1		.1	.6	1.7	2.3	1.5	.9	.3	.0	.0					209	209	50		1															
68/67	.0	.1		.1	.6	1.8	1.6	.9	.4	.1							160	160	93		7															
66/65				.3	1.7	2.1	1.3	.6	.3	.0							176	176	215	15	1															
64/63	.1			.5	1.1	1.2	.8	.4	.2								120	120	296	18	1															
62/61	.0	.3		1.0	.9	.4	.5	.2									91	71	445	35	1															
60/59	.1	.3		.6	.9	.5											66	66	450	48	1															
58/57	.1	.2		.5	.6	.1	.0	.0									45	45	428	94	1															
56/55	.2	.4		.3	.3	.1	.0										36	36	324	200	1															
54/53	.1	.3		.1	.1	.0											16	16	203	263	1															
52/51	.1	.1		.0	.0												7	7	139	338	1															
50/49		.0															1	1	76	314	1															
48/47		.0															1	1	17	321	1															
46/45																			4	266	1															
44/43																			4	195	1															
42/41																				167	1															
40/39																				121	1															
38/37																				71	1															
Element (X)	Σx'	Σx	̄x	σ <sub>x</sub>	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  
 101 64



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURTON AFB CALIF/SAN BERNARDINE 4-72

MAY  
 MONTH

PAGE 1 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
102/101																	.0	1	1	
100/ 99																	.4	11	11	
98/ 97																.0	.1	.4	15	15
96/ 95										.0			.0	.0	.1	.2	.2	17	17	
94/ 93												.0	.1	.1	.1	.1	.3	23	23	
92/ 91							.0		.0			.2	.2	.2	.5	.4	.2	47	47	
90/ 89								.0	.0	.0	.3	.4	.5	.6	.5	.2	.3	77	77	
88/ 87								.1	.0	.2	.5	.8	.9	1.2	.4	.1	.1	118	118	
86/ 85						.1	.1	.0	.2	.6	.9	1.1	1.2	.4	.4	.4	.0	152	152	
84/ 83				.0	.1	.0	.1	.2	.4	1.2	1.4	.8	.5	.3	.5	.1		152	159	
82/ 81					.0	.0	.1	.6	.9	1.5	1.6	.7	.4	.5	.2	.0		180	180	
80/ 79					.1	.1	.1	.7	1.6	1.6	1.5	.7	.2	.3	.1			195	195	
78/ 77			.0	.0	.1	.2	.5	1.3	2.1	1.9	.7	.4		.1	.1			218	218	
76/ 75					.1	.1	.0	2.2	2.6	1.2	.4	.2	.0					212	212	
74/ 73		.0			.1	.1	.4	1.3	2.6	2.2	.6	.1	.0					219	219	
72/ 71				.1	.5	1.4	2.4	2.0	1.0	.3	.2	.1						217	219	
70/ 69			.1	.1	.7	2.3	2.1	1.3	.6	.2	.1							207	207	
68/ 67			.1	.1	1.0	1.4	1.6	.9	.1	.1								148	148	
66/ 65			.1	.3	1.3	1.7	1.3	.6	.1	.0								154	154	
64/ 63				.5	.8	1.2	.8	.3	.0	.0								100	100	
62/ 61		.1	.3	.8	.9	.5	.6	.1										92	92	
60/ 59		.1	.5	.8	1.1	.6	.1											90	90	
58/ 57		.1	.5	.4	.4	.0												41	41	
56/ 55	.0	.3	.6	.1	.2	.1	.0											39	39	
54/ 53		.1	.5	.1	.1													23	23	
52/ 51		.1	.1	.1	.0	.0												10	10	
50/ 49			.0		.1													4	4	
48/ 47																			23	306
46/ 45																			4	271
44/ 43																			3	167
42/ 41																			2	134
40/ 39																				92
38/ 37																				58
36/ 35																				46
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	$\bar{x}$	s <sub>x</sub>	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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122  
STATION

NORTON AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

MAY  
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
96/95																	.1	2	2																	
92/91													.0					1	1																	
90/89												.0	.0				.0	6	6																	
88/87									.0		.1	.0	.1	.1	.1	.1	.0	16	16																	
86/85									.1		.1		.0	.0				7	7																	
84/83									.0		.0	.3	.1	.0				25	25																	
82/81						.1	.0		.2	.3	.2	.1	.1	.2	.1	.0		40	40																	
80/79					.0		.0	.4	.5	.3	.4	.1	.2	.2	.0			61	61																	
78/77				.0		.1	.5	.6	.8	.5	.3	.5	.1	.1	.0			99	99																	
76/75				.1	.1	.5	.9	1.0	.6	.3	.4	.1	.0	.1				113	113																	
74/73			.0		.1	1.0	1.7	1.2	.5	.2	.3	.1	.0	.0				139	139	1																
72/71	.0		.1		.6	1.4	2.0	1.1	.4	.2	.2	.2	.1					174	174	6																
70/69			.1	.4	1.6	2.6	2.3	.6	.6	.3	.1							239	239	6	3															
68/67			.1	1.1	2.7	3.4	.9	.4	.3	.1	.0							251	251	17	4															
66/65		.1	.3	2.2	3.5	2.7	.9	.5	.3	.1	.0							294	294	71	5															
64/63		.0	.5	3.6	4.9	1.8	.5	.3										298	298	151	10															
62/61		.2	1.9	4.2	2.8	1.0	.5	.1	.0									296	296	275	26															
60/59	.0	.3	2.9	3.5	2.7	1.0	.4	.1										305	305	408	64															
58/57		.3	2.3	2.2	1.7	.5	.1	.1										198	198	543	162															
56/55	.1	.9	1.0	1.3	.5	.2	.1											113	113	463	292															
54/53	.1	.4	.6	.5	.1	.0												91	91	350	451															
52/51	.0	.3	.5	.3	.1													33	33	240	482															
50/49		.1	.1	.1														7	7	152	364															
48/47		.0	.0	.0														3	3	60	236															
46/45																				20	203															
44/43			.0															1	1	7	138															
42/41		.0	.0															2	2	2	90															
40/39																				2	62															
38/37																					56															
36/35																					46															
34/33																					13															
32/31																					16															
30/29																					13															
28/27																					8															
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NUPTON AFB CALIF/SAN BERNARDINO 43-72

MAY  
 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
84/ 83															.0	.0		2	2		
80/ 79								.0							.0			2	2		
78/ 77									.1	.0								3	3		
76/ 75								.0	.0		.0							3	3		
74/ 73							.0	.0	.1	.0	.0							2	2		
72/ 71				.0		.1	.1	.0	.1									12	12		
70/ 69			.0	.1	.2	.6	.3	.4	.1		.1	.0						51	51		
68/ 67			.0	.6	.6	.6	.5	.1	.0	.0								71	71		
66/ 65			.6	1.4	1.4	.7	.4	.1	.1	.1	.0							138	138	3	
64/ 63		.1	1.3	2.6	1.6	.7	.3	.1	.1	.1	.0							187	187	11 2	
62/ 61		.5	3.3	4.1	1.7	.8	.4	.2	.1									306	306	65 3	
60/ 59		2.3	8.5	6.4	1.5	.6	.3	.1	.1									548	548	155 28	
58/ 57		3.5	9.9	4.3	1.5	.5	.2	.1										551	551	344 113	
56/ 55	.1	4.1	7.1	3.3	1.4	.2	.1											453	453	632 271	
54/ 53	.3	1.8	3.7	1.7	.5	.1												221	221	609 445	
52/ 51		1.0	1.7	1.0	.4	.0												118	119	391 544	
50/ 49		.4	1.2	.5		.0												58	58	250 439	
48/ 47		.3	.5	.7	.1													27	27	162 276	
46/ 45		.1	.1															8	8	91 213	
44/ 43																				37 144	
42/ 41		.1																3	3	2 119	
40/ 39																			8		68
38/ 37																					36
36/ 35																					24
34/ 33																					11
32/ 31																					3
30/ 29																					7
28/ 27																					9
26/ 25																					7
24/ 23																					4
22/ 21																					1
20/ 19																					2
16/ 15																					1
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE









DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      MORTON AFB CALIF/SAN BERNARDINO      43-72      JUN  
STATION      STATION NAME      YEARS      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
90/ 89															.0			1	1	
86/ 85											.1		.1					4	4	
84/ 83										.1	.1	.2	.0	.0				10	10	
82/ 81										.0	.1	.1	.0					7	7	
80/ 79					.0			.0	.1	.3	.4	.2	.1	.0				32	32	
78/ 77						.0	.1	.2	.4	.4	.2	.0	.1					37	37	
76/ 75			.0		.1	.0	.4	.5	.5	.2	.2			.0				55	55	
74/ 73				.1	.1	.2	.6	.8	.3	.3	.0		.0					67	67	
72/ 71			.0	.1	.6	1.1	.9	.6	.3	.1	.2							103	103	2
70/ 69			.1	.3	1.7	1.2	.9	.5	.2	.1		.0						132	132	1
68/ 67		.0	.1	.8	1.3	1.3	.7	.2	.2	.1								124	124	10
66/ 65		.0	.7	2.5	1.7	.9	.6	.2	.1									174	174	26
64/ 63		.4	2.1	3.0	1.6	.7	.2	.1										215	215	73
62/ 61	.2	2.6	5.0	2.9	1.6	.8	.2	.1										353	353	219
60/ 59	.5	5.5	7.3	3.2	1.2	.3	.1											480	480	399
58/ 57	.4	6.2	6.4	1.9	.4	.2	.0											411	413	551
56/ 55	.4	4.4	3.8	1.1	.1													261	261	577
54/ 53	.2	2.0	1.6	.4	.1													112	112	402
52/ 51	.0	.7	.9	.1														46	46	235
50/ 49	.0	.2	.3	.0														14	14	96
48/ 47		.2																5	5	40
46/ 45		.0																1	1	14
44/ 43		.0																1	1	
42/ 41																				83
40/ 39																				35
38/ 37																				20
36/ 35																				15
34/ 33																				9
32/ 31																				5
30/ 29																				2
28/ 27																				1
24/ 23																				1
20/ 19																				1
18/ 17																				1
Element (X)	Σ X <sup>2</sup>	Σ X	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72

JUN  
 MONTH

PAGE 1 0900-1100  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
104/103																	.0	1	1																
102/101																	.1	5	5																
100/99																	.1	2	2																
98/97																.0	.2	.4	16	16															
96/95													.1	.1	.3	.1	.3	24	24																
94/93												.1	.2	.4	.3	.1	.2	35	35																
92/91												.1	.2	.6	.5	.3	.1	52	52																
90/89										.2	.1	.4	.5	.8	.4	.3	.2	78	78																
88/87								.0	.1	.2	.3	.9	.6	1.0	.4	.2	.0	108	108																
86/85								.1	.3	.4	1.2	1.2	.7	.5	.2			125	125																
84/83						.2	.2	.3	.8	1.4	1.0	.3	.3	.1				130	130																
82/81						.5	.7	1.2	1.2	.8	.3	.2	.0					146	146																
80/79				.0	.2	.8	1.0	1.5	1.4	.9	.4	.2	.1					166	166																
78/77				.1	.2	1.0	1.4	1.3	.9	.2	.2	.1						142	142																
76/75			.0	.2	.7	1.9	1.5	.8	.5	.1	.0							154	154																
74/73			.0	.6	1.6	1.9	1.2	.3	.2	.1								156	156		2														
72/71			.0	.2	1.0	2.2	2.0	.6	.4	.1								174	174	28															
70/69			.0	.7	1.9	2.3	1.1	.5	.1	.0								178	178	71	1														
68/67			.2	1.7	2.6	1.6	1.1	.1	.0									193	193	137	2														
66/65	.0	.8	2.2	3.1	1.3	.6	.1											214	214	281	24														
64/63	.2	1.6	2.5	1.6	.7	.2												181	181	416	44														
62/61	.4	2.2	2.4	1.1	.4	.2												178	178	478	89														
60/59	.4	1.7	1.5	.6	.3													118	118	446	184														
58/57	.5	1.0	.5	.1														53	53	377	281														
56/55	.2	.2	.1	.1														14	14	244	390														
54/53	.0	.0																2	2	108	443														
52/51	.0	.0																2	2	44	329														
50/49																				15	226														
48/47																				1	189														
46/45																					166														
44/43																					90														
42/41																					57														
40/39																					43														
38/37																					21														
Element (X)	ΣX <sup>2</sup>	ΣX	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
W. Bulb																																			
Dew Point																																			

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
112/111																	.0	1	1															
110/109																	.0	1	1															
108/107																	.0	1	1															
106/105																	.4	11	11															
104/103																.0	.8	21	21															
102/101																.1	.8	24	24															
100/ 99													.0		.2	.3	1.7	59	59															
98/ 97												.1	.1	.2	.5	.9	1.7	90	90															
96/ 95									.0	.0	.1	.1	.4	1.2	1.0	1.7	121	121																
94/ 93								.0	.0	.1	.4	.5	.8	1.1	1.2	1.2	142	142																
92/ 91						.0	.0	.2	.5	.9	1.1	1.4	1.0	.8	.6	.6	171	171																
90/ 89						.0	.0	.6	.8	1.5	2.1	1.2	1.1	.5	.4	.4	219	218																
88/ 87						.1	.2	.1	.7	1.5	1.8	1.4	.7	.3	.2	.1	189	189																
86/ 85						.3	.0	.6	1.2	1.1	1.2	.9	.4	.0	.1		157	157																
84/ 83						.1	.0	.3	.9	1.8	1.2	.8	.6	.2	.1	.0	159	159																
82/ 81						.1	.2	.7	1.4	1.7	1.2	.5	.2				155	155																
80/ 79						.0	.3	1.4	1.7	.9	1.0	.5	.1				154	154																
78/ 77					.0	.3	1.0	1.8	1.8	1.1	.3	.2					173	173	5															
76/ 75					.0	.3	1.7	2.0	1.1	.5	.2	.0					150	150	11															
74/ 73				.2	.0	1.2	2.0	1.5	.5	.2	.1						149	149	37	2														
72/ 71					.6	1.2	1.8	1.1	.1		.0						129	129	73	3														
70/ 69				.0	.5	1.6	1.3	.5	.1	.1							108	108	181	9														
68/ 67			.0	.3	.6	1.0	.6	.3	.0								77	77	387	17														
66/ 65			.2	.9	.6	.7	.5	.2	.0								83	83	419	15														
64/ 63			.1	.6	.5	.3	.3	.0									49	49	474	50														
62/ 61			.2	.5	.3	.1											30	30	427	85														
60/ 59		.0	.2	.3	.1												18	18	293	166														
58/ 57		.2	.1	.2													12	12	192	243														
56/ 55		.0															1	1	79	306														
54/ 53																			58	370														
52/ 51																			16	276														
50/ 49																			1	282														
48/ 47																				204														
46/ 45																				148														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$f_x$	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

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





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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

STATION STATION NAME YEARS MONTH

PAGE 1 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
112/111																	.1	2	2		
110/109																	.0	1	1		
106/105																	.1	7	2		
104/103																	.3	5	8		
102/101																.2	.3	13	13		
100/ 99															.2	.5	.5	31	31		
98/ 97										.0	.0			.2	.3	.7	.8	56	56		
96/ 95									.0	.1	.1	.4	.4	.9	1.0	.9	.9	101	101		
94/ 93									.0	.1	.2	1.0	1.1	1.3	.8	.6	.6	135	136		
92/ 91									.0	.5	1.1	1.9	.9	.9	.5	.3	.3	158	158		
90/ 89								.0	.1	.1	.3	1.0	1.9	2.0	1.2	.8	.2	.1	204	204	
88/ 87								.0	.1	.4	.8	1.8	2.0	1.4	.8	.2	.1	201	201		
86/ 85						.0	.2	.3	.6	1.9	2.0	1.4	.9	.3	.2	.0		204	204		
84/ 83						.0	.1	.7	1.2	1.7	2.3	.8	.4	.2	.1			196	196		
82/ 81					.1	.0	.4	1.2	2.2	2.5	1.2	.5	.1	.0				220	220		
80/ 79					.2	.4	1.7	2.6	2.1	.5	.2	.1	.1					207	207		
78/ 77					.0	.5	1.4	1.8	2.0	.8	.2	.2						182	182	2	
76/ 75					.1	.5	1.8	2.0	1.4	.3	.1							166	166	8	
74/ 73				.0	.2	.8	1.7	2.2	.5									143	143	26	
72/ 71			.0	.0	.4	1.2	1.4	.6	.1									99	99	92	
70/ 69		.0	.0	.2	.7	1.0	.9	.5	.1	.0								92	92	233	
68/ 67			.0	.1	.5	1.2	.9	.3	.1									79	79	424	
66/ 65			.0	.7	1.0	.3	.3											65	65	480	
64/ 63			.1	.3	.3	.3	.1											29	29	483	
62/ 61			.0	.6	.3	.2												31	31	390	
60/ 59		.1	.2	.5	.1													23	23	254	
58/ 57		.0		.1														3	3	135	
56/ 55		.1																2	2	77	
54/ 53																				40	
52/ 51																				9	
50/ 49																				270	
48/ 47																				153	
46/ 45																				136	
44/ 43																				72	
Element (X)	Σx²	Σx	̄x	σx	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

JUL  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 95																.1	.0	.0	4	4					
94/ 93															.2			.1	6	6					
92/ 91													.0	.1	.2	.2	.0	.1	14	14					
90/ 89												.2	.3	.3	.2	.1	.2		35	35					
88/ 87									.0	.1	.4	.4	.3	.2	.0		.1		42	42					
86/ 85								.0	.2	.8	1.0	.5	.3	.1	.1				76	76					
84/ 83							.1	.3	.8	1.1	1.0	.5	.3	.2	.0				113	113					
82/ 81							.2	.7	1.6	.8	.6	.4	.2	.1					119	119					
80/ 79					.0	.3	.6	2.1	2.1	1.1	.4	.2	.0			.0			182	182					
78/ 77					.1	.6	1.7	2.0	1.0	.5	.2	.1	.0						164	164					
76/ 75					.3	1.7	3.5	2.9	.5	.4	.1								250	250					
74/ 73				.1	.9	2.8	3.1	1.4	.6	.2	.1								239	239	2				
72/ 71			.1	.3	2.0	3.0	2.1	.9	.2	.1									229	229	7				
70/ 69			.1	1.2	2.8	3.4	1.0	.3	.1	.0									236	236	50	1			
68/ 67		.0	.4	2.1	3.6	1.7	.6	.1											228	228	165	2			
66/ 65			.7	3.2	3.1	1.1	.3		.0										223	223	338	27			
64/ 63			1.5	2.7	2.2	.3	.1												178	178	484	34			
62/ 61		.2	1.5	3.1	.9	.3													160	160	476	111			
60/ 59	.2	.1	1.2	1.6	.5	.0													96	96	454	283			
58/ 57		.4	.5	.7	.2														47	47	329	431			
56/ 55		.1	.1	.1	.0														8	8	224	496			
54/ 53																					80	451			
52/ 51																					36	309			
50/ 49																					3	203			
48/ 47																					1	116			
46/ 45																						71			
44/ 43																						43			
42/ 41																						19			
40/ 39																						14			
38/ 37																						12			
36/ 35																						10			
34/ 33																						12			
32/ 31																						2			
30/ 29																						2			
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	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 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTH LN AFB CALIF/SAN BERNARDINE 43-72

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														
84/ 83									.0				.1	.0				4	4																
82/ 81									.0									1	1																
80/ 79							.0	.1	.2	.1	.0							16	16																
78/ 77							.2	.2	.3	.2	.1	.1						27	27																
76/ 75					.1	.2	.5	.6	.3	.0	.1							50	50																
74/ 73			.0	.1	.3	.9	1.2	.3	.2	.1	.0							84	84																
72/ 71				.3	1.1	2.0	1.4	.5	.2	.0	.0							147	147																
70/ 69				1.1	3.1	2.3	.9	.4	.2	.0								214	214	2															
68/ 67		.1	.5	2.6	3.9	1.5	.6	.3	.0									256	256	16															
66/ 65		.2	2.1	5.5	2.8	.7	.4	.1										312	312	43	6														
64/ 63		.3	5.1	4.4	1.3	.7	.1											316	316	178	17														
62/ 61		2.0	8.0	4.4	1.1	.5	.1											425	425	377	44														
60/ 59	.1	2.5	8.3	3.8	.6	.0	.0											409	409	595	193														
58/ 57	.2	1.2	5.4	1.8	.2	.1												235	235	555	454														
56/ 55		1.1	2.1	1.1	.0													115	115	437	597														
54/ 53		.4	.6	.2														31	31	281	469														
52/ 51		.1	.2	.0														7	7	117	396														
50/ 49		.0	.1															3	3	39	207														
48/ 47																				10	112														
46/ 45																				2	88														
44/ 43																					27														
42/ 41																					19														
40/ 39																					12														
38/ 37																					8														
36/ 35																					2														
34/ 33																					1														
TOTAL	.3	7.8	32.4	25.4	14.6	9.1	5.5	2.6	1.4	.4	.3	.1	.1	.0				2652	2652	2652	2652														
Element (X)	ΣX²		ΣX		X	X²	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.	13629014		188588		71.1	12.560	2652	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb	10907546		169478		63.9	5.387	2652			27.1	6.2	.4		90																					
Wet Bulb	8934183		153647		57.9	3.499	2652			.6				90																					
Dew Point	7734235		142785		53.8	4.194	2652							90																					

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 JUL  
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
90/ 89													.0					1	1						
88/ 87												.0						1	1						
86/ 85												.0						1	1						
82/ 81												.1						2	2						
80/ 79									.0									1	1						
78/ 77						.1	.1	.0	.0	.1								10	10						
76/ 75				.7	.4	.3	.3	.1	.0	.0								32	32						
74/ 73				.7	1.1	1.0	1.0	.3	.0	.1								113	113						
72/ 71		.1	.2	1.7	2.2	1.8	1.1	.3	.1	.0								206	206						
70/ 69		.1	1.2	4.3	2.7	2.1	.5	.3										306	306	8					
68/ 67	.0	.3	3.9	5.0	3.1	1.6	.5	.1										398	398	47	10				
66/ 65	.1	.5	4.7	4.2	2.7	1.0	.3	.0										372	372	196	30				
64/ 63	.2	1.2	6.5	3.6	1.7	.8	.1											385	385	371	111				
62/ 61	.0	2.0	5.9	2.6	1.5	.4	.1											343	343	466	276				
60/ 59	.0	3.4	5.0	1.9	.9	.4												319	319	537	382				
58/ 57	.1	2.0	2.4	.8	.5	.0	.0											162	162	501	477				
56/ 55	.1	1.0	.9	.3	.1	.1	.0											72	72	328	464				
54/ 53	.0	.3	.2	.1	.0	.0												19	19	175	387				
52/ 51			.0															1	1	78	256				
50/ 49																				25	146				
48/ 47																				0	92				
46/ 45																				3	48				
44/ 43																				1	33				
42/ 41																					15				
40/ 39																					10				
38/ 37																					2				
36/ 35																					2				
34/ 33																					2				
TOTAL	.6	10.9	31.1	25.1	17.0	9.4	4.2	1.1	.2	.2	.1	.1	.0					2744	2744	2744	2743				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.	15055281	200625	73.1	11.794	2743	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb	11638535	178203	64.9	4.880	2744			36.3	5.5	.2		93													
Wet Bulb	9718936	162960	59.4	3.871	2744			1.9				93													
Dew Point	8588785	152925	55.8	4.796	2743			.3				93													

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

JUL  
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				
84/ 83													.1					2	2						
82/ 81									.0									1	1						
78/ 77								.1										2	2						
76/ 75						.1	.1	.0										9	9						
74/ 73			.0	.1	.2	.1	.1											14	14						
72/ 71			.2	.5	.6	.7	.2	.0	.0									61	61						
70/ 69		.2	.9	1.5	1.2	.8	.3	.1	.1									142	142	1					
68/ 67		.3	3.0	3.0	1.5	.8	.5	.0										250	250	19	4				
66/ 65		1.2	4.9	3.3	1.2	.7	.5	.0										324	324	83	13				
64/ 63	.2	2.6	4.8	2.8	1.4	.5	.3											344	344	218	79				
62/ 61	.3	3.6	4.4	2.5	1.5	.4												343	343	359	176				
60/ 59	.2	6.0	4.2	2.3	1.6	.4	.1											404	404	417	330				
58/ 57	1.0	4.5	4.4	2.1	.9	.2												357	357	471	421				
56/ 55	.4	3.4	3.7	1.4	.7	.1	.0											264	264	387	406				
54/ 53	.1	2.0	2.0	.8	.4	.1	.0											151	151	330	328				
52/ 51		.5	.7	.5	.1													51	51	241	280				
50/ 49		.1	.1	.1	.1	.0												12	12	118	245				
48/ 47			.0															1	1	51	165				
46/ 45																				28	126				
44/ 43																				5	68				
42/ 41																				4	38				
40/ 39																					24				
38/ 37																					9				
36/ 35																					11				
34/ 33																					4				
32/ 31																					3				
28/ 27																					1				
24/ 23																					1				
TOTAL	2.2	24.4	33.4	20.6	11.7	5.1	2.1	.4	.2				.1					2732	2732	2732	2732				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total													
Rel. Hum.	16758738	211382	77.4	12.156	2732							93													
Dry Bulb	10398958	167994	61.5	5.019	2732			16.4	1.0	.1		93													
Wet Bulb	8971269	156067	57.1	4.520	2732			.7				93													
Dew Point	8055438	147546	54.0	5.644	2732	.2	.1					93													

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINE 43-72

JUL  
 MONTH

PAGE 1 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
92/ 91															.0	.0	2	2			
90/ 89																	3	3			
88/ 87									.0	.1	.1	.1					10	10			
86/ 85								.0	.1	.2	.1	.1	.0	.0			18	18			
84/ 83							.1	.1	.2	.2	.3	.1	.2				34	34			
82/ 81					.0		.4	.5	.3	.5	.5	.3	.0				71	71			
80/ 79						.3	.8	.8	.7	.8	.4	.3					106	106			
78/ 77		.0			.2	.6	1.1	1.4	.7	.7	.2	.1					139	139			
76/ 75				.1	1.1	1.8	1.7	.9	.8	.5		.0					185	185			
74/ 73			.0	.4	1.3	2.1	1.3	1.1	.7	.3	.2	.0					202	202	2		
72/ 71		.1	.2	1.1	2.8	1.6	1.9	.7	.4	.2	.0						252	252	7	1	
70/ 69			.7	1.3	2.4	1.6	1.0	.6	.1	.1							267	267	52	1	
68/ 67	.0	.2	2.2	2.9	2.3	1.3	.8	.3	.2								280	280	126	12	
66/ 65	.0	.6	3.1	3.5	1.4	1.1	.5	.1	.1								286	286	288	43	
64/ 63	.1	1.2	2.9	1.9	1.1	.7	.2	.1									227	227	429	129	
62/ 61	.0	2.1	3.0	1.6	.6	.4	.1	.0									215	215	437	264	
60/ 59	.3	3.3	2.2	.9	.8	.3	.1										212	212	494	399	
58/ 57	.4	2.3	1.5	.4	.2	.1	.1										133	133	385	421	
56/ 55	.2	1.1	.5	.3	.2	.1											66	66	258	399	
54/ 53	.0	.3	.3	.1													20	20	138	292	
52/ 51		.0															1	1	63	235	
50/ 49																			37	148	
48/ 47																			9	128	
46/ 45																			4	85	
44/ 43																				69	
42/ 41																				48	
40/ 39																				14	
38/ 37																				13	
36/ 35																				6	
34/ 33																				2	
32/ 31																				2	
TOTAL	1.1	11.3	16.6	16.5	14.5	11.9	10.2	6.7	4.3	3.4	1.9	1.2	.5	.0	.0	.0		2729		2729	
																		2729		2729	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	12525891	178605	65.4	7.513	2729	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	12876823	186441	68.3	7.150	2729			53.5	26.2	6.5		93									
Wet Bulb	9992493	164709	60.4	4.344	2729			6.4	.1			93									
Dew Point	8388908	150452	55.1	5.881	2729			.1	.5			93									

USAF ETAC FORM 84 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      MORTON AFB CALIF/SAN BERNARDING      43-72      JUL  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      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				
106/105																	.1	2	2					
104/103																	.1	2	2					
102/101																.0	.1	.4	14	14				
100/99														.1	.0	.2	.5	.2	21	21				
98/97											.0			.3	.3	.4	.5	.5	52	52				
96/95												.4	.6	.3	.4	.5	.5	.7	73	73				
94/93							.0				.2	.7	1.4	1.0	.8	.7	.4	143	143					
92/91								.1	.1	.3	.9	1.0	1.4	1.1	1.2	.7	.1	191	191					
90/89						.0	.0	.1	.2	.7	1.9	1.9	1.4	1.4	.6	.3		231	231					
88/87						.0	.0	.2	1.1	1.8	1.8	1.5	1.4	1.2	.6	.1		268	268					
86/85					.0	.0	.2	.6	1.6	2.3	2.1	1.5	1.2	.7	.2	.0		287	287					
84/83					.0		.4	1.1	1.6	1.9	1.6	1.5	.7	.2	.1	.0		256	256					
82/81				.0		.1	1.2	2.2	1.9	1.7	1.9	.4	.2	.1				253	253					
80/79				.0	.1	.6	1.2	1.8	2.0	1.2	.8	.3	.1	.0				223	223					
78/77			.1	.0	.1	1.3	2.0	1.4	1.0	.4	.2	.0	.0					183	183					
76/75				.3	1.2	1.5	1.0	.5	.2	.0								130	130					
74/73				.3	1.1	1.5	.8	.3	.1	.1								115	115					
72/71		.0		.3	.6	1.1	.8	.3										92	92					
70/69		.0	.2	.6	1.0	.5	.0											63	63					
68/67	.1	.0		1.3	.8	.0												61	61					
66/65			.2	.7	.4													33	35					
64/63			.4	.4														24	24					
62/61		.0	.2	.2														11	11					
60/59		.0	.1															3	3					
58/57			.0															1	1					
56/55																								
54/53																				2				
52/51																				178				
50/49																				170				
48/47																				112				
46/45																				106				
44/43																				84				
42/41																				69				
40/39																				45				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72

JUL

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															
110/109																	.1	4	4																	
108/107																	.5	13	13																	
106/105																.0	1.0	29	29																	
104/103														.0	.1	.2	1.9	59	59																	
102/101									.0			.1	.0	.4	.9	2.0	110	110																		
100/ 99											.1	.4	.8	1.4	1.0	3.4	195	103																		
98/ 97								.0		.0	.3	1.0	1.8	1.8	1.8	2.9	267	267																		
96/ 95								.1	.1	.1	1.3	2.8	2.6	2.4	2.2	2.2	376	378																		
94/ 93								.1	.3	.7	2.4	3.7	2.7	2.0	1.4	1.8	415	415																		
92/ 91						.0	.0	.3	.3	1.9	2.7	2.5	1.3	1.2	.8	.7	339	339																		
90/ 89							.0	.2	1.0	1.9	2.2	1.0	1.9	.8	.6	.3	296	296																		
88/ 87						.1	.1	.4	1.2	1.4	1.5	1.3	.6	.4	.1		205	205																		
86/ 85						.0	.2	.3	.6	1.2	1.1	.8	.9	.1	.1		151	151																		
84/ 83					.0	.1	.1	.1	.7	.9	.6	.7	.1	.0	.0		93	93	1																	
82/ 81				.0	.1	.1	.2	.5	.8	.3	.3	.1					66	66	3																	
80/ 79				.1	.1	.1	.2	.6	.5	.1	.0						45	45	1																	
78/ 77	.0		.0	.1	.1	.1	.4	.2	.0								27	27	19	2																
76/ 75		.1	.1	.1	.3	.3	.0										24	24	64	3																
74/ 73		.0	.0	.0	.1	.1											10	10	211	3																
72/ 71			.0	.3	.1												10	10	447	14																
70/ 69	.0			.1	.1												7	7	502	27																
68/ 67																			483	47																
66/ 65																			441	66																
64/ 63																			342	132																
62/ 61																			157	213																
60/ 59																			56	286																
58/ 57																			15	307																
56/ 55																			1	267																
54/ 53																				229																
52/ 51																				194																
50/ 49																				186																
48/ 47																				152																
46/ 45																				147																
44/ 43																				127																
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MOPTIN AFB CALIF/SAN BERNARDINO 43-77

JUL  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
108/107																	.3	7	7						
106/105																	.7	19	19						
104/103																	.0	28	28						
102/101													.0				.3	55	55						
100/ 99												.2	.3				.8	121	121						
98/ 97										.1	.1	.6	1.7	1.8	1.4	1.5	1.9	195	195						
96/ 95								.0		.3	.9	2.7	2.3	2.0	2.0	1.2	313	313							
94/ 93								.0	.1	.7	3.0	3.2	2.5	2.2	1.4	.4	371	371							
92/ 91								.1	.1	.6	2.4	3.2	2.8	2.4	1.5	1.0	.2	392	392						
90/ 89								.0	.4	1.7	3.3	2.9	2.9	1.8	.8	.4	389	389							
88/ 87						.1	.1	.2	1.0	2.5	2.6	2.6	1.4	.8	.2	.0	314	314							
86/ 85						.1	.1	.3	1.0	1.8	2.0	1.2	.5	.2	.0		197	197							
84/ 83				.0		.2	.3	.4	1.4	1.4	1.0	.3	.1	.0			142	142							
82/ 81					.1	.1	.3	.4	.9	.7	.1	.0	.0				77	77	1						
80/ 79			.1	.1	.2	.2	.1	.7	.7	.1	.0						60	60							
78/ 77			.0	.1	.0	.3	.5	.1	.0								31	31	15	1					
76/ 75			.0	.1	.0	.0	.2	.0	.1								14	14	45	2					
74/ 73			.0	.0	.0	.1	.0										7	7	183	6					
72/ 71					.0												1	1	487	17					
70/ 69		.1		.0													3	3	560	21					
68/ 67																			524	47					
66/ 65																			542	73					
64/ 63																			267	160					
62/ 61																			86	255					
60/ 59																			25	349					
58/ 57																		1	338						
56/ 55																				293					
54/ 53																				252					
52/ 51																				228					
50/ 49																				194					
48/ 47																				125					
46/ 45																				118					
44/ 43																				81					
42/ 41																				76					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																.0	.1	1			
100/99															.0	.0	4	4			
98/97													.0	.0	.1	.0	.2	10	10		
96/95												.1	.1	.2	.1	.0	.0	16	16		
94/93									.0	.0	.1	.4	.1	.5	.2		36	36			
92/91									.0	.2	.4	.4	.5	.3	.0		52	52			
90/89								.1	.6	1.3	.9	1.0	.7	.4	.1		142	142			
88/87							.0	.6	1.3	1.8	1.2	1.1	.3	.1			174	174			
86/85					.0	.0	.7	1.8	1.8	1.6	1.7	.3	.2	.1			225	225			
84/83					.1	.3	2.0	3.0	2.4	2.3	.8	.3	.1				307	307			
82/81				.1	.1	.9	2.8	3.4	3.0	2.2	1.5	.6	.1				341	341			
80/79			.0	.1	.1	.9	2.8	3.4	3.0	1.3	.5	.3					341	341			
78/77		.0	.0	.3	1.8	3.8	3.8	1.4	.5	.3	.0			.0			329	329	1		
76/75		.1	.1	.9	2.7	3.5	1.4	.5	.2	.0							261	261	3		
74/73			.3	1.7	2.7	2.0	.7	.1	.1	.1							210	210	19		
72/71		.1	.5	1.9	2.1	.5	.1	.0		.0							144	144	111	9	
70/69		.1	.3	1.5	1.0	.0											80	80	348	8	
68/67		.1	.7	.8	.0												45	45	520	20	
66/65			.5	.2													19	19	659	80	
64/63			.1														4	4	593	203	
62/61																			334	356	
60/59																			119	456	
58/57																			26	449	
56/55																			6	366	
54/53																			1	268	
52/51																			1	158	
50/49																				147	
48/47																				73	
46/45																				49	
44/43																				44	
42/41																				23	
40/39																				13	
38/37																				11	
36/35																				2	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION NORTON AFB CALIF/SAN BERNARDINO STATION NAME 43-72 YEARS JUL 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
92/ 91													.0					1	1		
90/ 89											.0		.1					3	3		
88/ 87											.0				.0			2	2		
86/ 85										.1	.1		.0	.0				8	8		
84/ 83							.0	.0	.1	.2	.1	.0	.0					15	15		
82/ 81							.1	.4	.4	.3	.3	.1						41	41		
80/ 79						.3	.9	1.0	.8	.5	.3	.1						108	108		
78/ 77					.5	1.3	1.8	1.6	.9	.4	.1							182	182		
76/ 75		.0	.2	1.3	3.6	2.8	2.2	.9	.3	.0								313	313		
74/ 73	.0	.2	.9	3.5	3.9	3.0	1.6	.4	.2	.0								375	375		
72/ 71	.0	.2	2.3	5.0	4.1	2.1	.8	.4	.1									409	409	6	
70/ 69	.0	.8	5.2	4.7	2.6	1.3	.3	.1	.0									412	412	47	6
68/ 67	.1	1.4	5.3	3.6	1.1	.5	.1											333	333	191	11
66/ 65	.2	2.5	4.4	1.3	.5	.1	.1											251	251	440	54
64/ 63	.2	2.6	2.6	.5	.4	.1	.0											177	177	627	128
62/ 61	.1	2.2	.6	.1	.0													83	83	632	382
60/ 59	.2	.7	.0	.0														25	25	463	485
58/ 57	.0	.2																6	6	236	552
56/ 55																				69	445
54/ 53																				22	269
52/ 51																				9	178
50/ 49																				1	94
48/ 47																				1	56
46/ 45																					31
44/ 43																					19
42/ 41																					15
40/ 39																					11
38/ 37																					5
36/ 35																					1
32/ 31																					1
TOTAL		.9	10.7	21.6	20.4	17.8	12.7	8.2	4.1	2.2	.9	.2	.2	.0	.0			2744	2744	2744	2743
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	11193026	171648	62.6	12.846	2743	$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	Total									
Dry Bulb	13882858	194696	71.0	4.998	2744			74.6	35.5	3.7		93									
Wet Bulb	10666078	170850	62.3	3.219	2744			8.3				93									
Dew Point	8941918	156094	56.9	4.646	2743		.0	.6				93									

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION      MORTON AFB CALIF/SAN BERNARDINO STATION NAME      43-72 YEARS      AUG MONTH

PAGE 1      0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																		1	1		
82/ 81							.0	.1	.1									5	5		
80/ 79				.0	.1		.1	.1										9	9		
78/ 77			.1	.0	.1	.3	.2	.1	.0									24	24		
76/ 75			.1	.3	.2	.9	.3	.3	.2									60	60		
74/ 73			.1	.7	1.6	1.6	.6	.2										136	136		
72/ 71	.3	.6	2.9	2.8	1.4	.5	.1	.1										245	247	5	6
70/ 69	.5	2.3	3.5	3.6	1.8	.5	.2											340	340	36	9
68/ 67	.8	4.2	4.7	2.4	1.1	.5	.2	.1										385	386	89	28
66/ 65	1.3	5.6	5.1	2.4	1.0	.4	.0	.0										437	437	298	62
64/ 63	1.8	5.5	3.7	1.3	.8	.1	.1											368	368	408	205
62/ 61	3.2	4.7	2.7	.8	.3	.1												330	330	501	328
60/ 59	2.8	3.2	2.2	.4	.1	.0												241	241	519	420
58/ 57	1.3	2.4	.6	.1	.1													127	127	406	475
56/ 55	.6	1.1	.7	.1			.0											58	58	283	438
54/ 53	.2	.4		.0	.0													17	17	153	280
52/ 51																				53	251
50/ 49																				20	139
48/ 47																				4	60
46/ 45																				1	40
44/ 43																					16
42/ 41																				1	7
40/ 39																					13
38/ 37																					4
36/ 35																					1
22/ 21																					1
TOTAL		12.9	30.1	26.6	15.9	9.0	3.3	1.4	.6	.1	.0							2783	2786	2783	2783

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

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15560691	205555	73.9	11.660	2783							
Dry Bulb	12096753	183059	65.7	4.961	2786			40.3	7.8	.2		93
Wet Bulb	10151818	167698	60.3	4.096	2783			4.5	.2			93
Dew Point	9040861	158009	56.8	5.004	2783		.0	1.4				93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

AUG  
 MONTH

PAGE 1 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														
94/ 93										.0			.0					2	2																
88/ 87								.0	.1	.0					.0			5	5																
86/ 85						.0		.0	.2	.1	.2	.0	.0	.0				18	18																
84/ 83								.2	.3	.3	.1	.0						29	29																
82/ 81							.2	.5	.5	.3	.3	.0	.0					54	54																
80/ 79					.1	.4	.4	.8	.7	.4	.4	.3	.1					95	98																
78/ 77			.1	.4	1.1	1.1	.9	.6	.4	.1			.0					133	133																
76/ 75			.3	1.4	1.7	1.3	1.4	.9	.7	.1	.0							207	202	1															
74/ 73	.0	.2	.8	1.5	1.8	1.1	1.0	.6	.1	.0								199	199	3															
72/ 71	.0	.6	2.0	1.9	1.8	1.2	1.0	.3	.1									247	247	11	3														
70/ 69	.3	1.5	2.8	2.3	1.8	1.5	.3	.2	.0									282	282	77	7														
68/ 67	.9	2.3	2.3	2.4	1.4	.8	.2	.1	.0									289	290	108	29														
66/ 65	1.0	3.4	2.7	1.6	.8	.8	.0	.0										289	289	313	83														
64/ 63	2.1	3.6	2.2	1.6	.6	.4	.1	.0										296	296	398	201														
62/ 61	.3	3.3	1.9	1.9	.9	.3	.2											244	244	472	338														
60/ 59	.3	2.9	2.0	1.0	.5	.1	.0											191	191	469	336														
58/ 57	.2	1.3	1.0	.8	.5	.1	.0											111	111	351	431														
56/ 55	.1	.6	1.1	.4	.2	.0												66	66	231	327														
54/ 53	.3	.4	.1	.0														23	23	130	289														
52/ 51	.1	.1	.0															6	6	82	222														
50/ 49																				41	180														
48/ 47																				11	123														
46/ 45																				3	91														
44/ 43																					45														
42/ 41																					28														
40/ 39																					26														
38/ 37																					10														
36/ 35																					5														
34/ 33																					6														
32/ 31																					1														
TOTAL	.8	13.0	18.2	17.4	15.3	11.9	5.5	6.5	4.1	2.0	1.4	.6	.3	.0	.0			2781	2785	2781	2781														
Element (X)	Zx <sup>2</sup>	Zx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	13382686	187190	67.3	6.781	2781	≤ 0 F	≤ 32 F	≤ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	13035767	189567	68.1	6.898	2785			52.1	24.7	5.7	.1	93																							
Wet Bulb	10290998	168690	60.7	4.591	2781			9.4	.1			93																							
Dew Point	8771802	155288	55.8	6.018	2781			.0	1.3			93																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      AUG  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
106/105																	.0	1	1			
104/103																	.0	1	1			
102/101															.0	.1	.0	.3	12	12		
100/ 99													.0	.1	.2	.1	.3	21	21			
98/ 97										.1	.1	.3	.1	.4	.4	.5	53	53				
96/ 95									.0	.1	.3	.3	.8	.8	.4	.4	88	88				
94/ 93									.1	.4	.8	.9	1.1	1.1	.5	.4	128	128				
92/ 91						.0	.0	.3	.5	.9	1.1	1.6	1.3	.6	.4	.2	193	193				
90/ 89							.3	.3	1.1	1.8	1.9	1.3	1.3	.5	.1		244	244				
88/ 87						.0	.1	.3	.9	1.3	2.5	1.6	1.2	.8	.4	.1	255	256				
86/ 85					.0	.3	1.2	1.5	1.8	2.3	1.6	1.2	.4	.1	.0		287	287				
84/ 83					.0	.2	.4	1.7	2.0	1.9	1.3	1.1	.4	.1	.1		260	261				
82/ 81			.1	.1	.2	1.5	2.0	1.4	1.3	1.2	.4	.0	.1				232	232	1			
80/ 79			.1		.8	1.8	1.7	1.6	1.1	.4	.1	.0					217	217	2	1		
78/ 77			.3	.4	1.5	1.5	1.3	1.0	.3	.1	.0						179	179	6			
76/ 75		.0	.1	.6	1.5	1.7	.8	.2	.1	.0	.0						143	143	39	2		
74/ 73		.1	.4	1.3	.9	1.3	.4	.1									123	123	111	3		
72/ 71	.1	.2	.0	1.4	.9	.8	.1										114	114	216	11		
70/ 69	.1	.2	1.0	.9	1.0	.2											94	94	424	43		
68/ 67	.0	.5	.8	.8	.3	.0											68	68	517	54		
66/ 65	.1	.4	.0	.1	.1												35	35	496	156		
64/ 63	.1	.5	.2	.0													23	23	444	231		
62/ 61	.0	.1	.2	.0													10	10	327	323		
60/ 59		.0															1	1	149	333		
58/ 57																			42	345		
56/ 55																			0	315		
54/ 53																				251		
52/ 51																				175		
50/ 49																				164		
48/ 47																				110		
46/ 45																				81		
44/ 43																				59		
42/ 41																				38		
40/ 39																				26		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 44 JUL 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72

AUG  
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														
110/109																	.2	6	6																
108/107																.1	.3	10	10																
106/105															.1	.1	1.3	40	40																
104/103									.0					.0	.1	.4	2.0	74	74																
102/101											.1	.0	.3	.5	.8	2.3	110	110																	
100/99								.1	.1	.1	.1	.3	.9	1.8	1.9	2.8	224	224																	
98/97							.0	.0	.4	.6	1.1	2.1	2.7	1.9	2.6	317	317																		
96/95							.1	.1	.8	1.7	2.9	2.7	2.4	1.5	1.5	383	383																		
94/93					.0		.0	.3	.5	1.1	2.3	1.9	1.6	1.6	.6	318	318																		
92/91						.0	.1	.2	.9	1.7	1.8	1.8	2.0	1.1	.9	297	297																		
90/89						.0	.0	.0	.5	1.3	1.7	1.2	2.6	1.5	1.0	.3	284	284																	
88/87						.0	.1	.2	.5	1.1	1.3	1.4	1.3	.6	.3	191	191																		
86/85					.0	.1	.1	.2	.8	1.3	1.1	1.1	.4	.1		145	145	1																	
84/83						.1	.1	.6	.8	1.1	1.1	.4	.0	.0		111	111	4																	
82/81					.0	.1	.2	.7	1.0	.7	.5					91	91	4																	
80/79		.0	.1	.0	.1	.3	.6	.8	.3	.2						70	70	12	4																
78/77		.0	.1	.0	.1	.3	.5	.4								40	40	49	3																
76/75		.0	.0	.0	.2	.5	.2	.2	.0							34	34	107	9																
74/73			.0	.2	.1	.2	.3	.1								23	23	271	6																
72/71			.1	.1	.0											7	7	437	26																
70/69			.0	.1	.0	.1										7	7	508	41																
68/67				.0												1	1	446	68																
66/65			.0													1	1	459	107																
64/63																		301	185																
62/61																		141	250																
60/59																		41	263																
58/57																		3	265																
56/55																			255																
54/53																			271																
52/51																			240																
50/49																			197																
48/47																			150																
46/45																			126																
44/43																			96																
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) 1-55 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE









DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURTON AFB CALIF/SAN BERNARDINO 47-72

AUG

STATION

STATION NAME

YEARS

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	
100/ 99														.0						1	1	
98/ 97																				2	3	
96/ 95														.0	.1	.2	.1	.1		17	17	
94/ 93														.1	.1	.2	.1	.1	.0	21	21	
92/ 91														.1	.4	.3	.2	.1	.1	54	54	
90/ 89													.1	.5	.9	.8	.6	.3	.2	91	91	
88/ 87								.0	.3	.7	1.8	1.5	1.0	.4	.3	.1			169	169		
86/ 85						.1	.4	.7	2.1	2.0	2.0	.9	.4	.1					239	239		
84/ 83					.1	.1	.3	2.4	2.8	2.0	1.5	.6	.2	.1					296	296		
82/ 81			.0	.1	.4	2.1	3.1	2.7	1.8	.8	.4	.1							324	325		
80/ 79		.0	.1	.4	1.6	3.0	3.8	2.4	1.0	.3	.3	.0							366	366		
78/ 77		.2	.3	.7	2.4	3.7	2.9	1.2	.5	.1	.0	.0							331	331	1	
76/ 75	.1	.2	.4	1.5	3.2	3.3	1.1	.4	.1	.0	.0								291	291	12	
74/ 73	.1	.1	.5	2.3	2.7	1.7	.5	.1	.0										213	213	51	
72/ 71	.1	.1	1.0	1.9	2.1	.5													161	161	167	
70/ 69		.1	1.3	1.9	.6	.1	.0		.0										104	104	416	
68/ 67		.2	.8	.9	.2	.1													60	60	570	
66/ 65		.2	.4	.4															26	26	618	
64/ 63		.3	.2	.1															14	14	504	
62/ 61			.1																2	2	282	
60/ 59																					121	
58/ 57																					34	
56/ 55																					5	
54/ 53																					2	
52/ 51																						
50/ 49																						
48/ 47																						
46/ 45																						
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
36/ 35																						
34/ 33																						
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	$\bar{X}$	$\sigma_x$	No Obs.	Mean No. of Hours with Temperature						Total										
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      AIGC  
 STATION      STATION NAME      YEARS      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
94/ 93										.0								1	1		
90/ 89										.0								1	1		
88/ 87														.0				1	1		
80/ 85									.0	.0								2	2		
84/ 83								.0	.3	.2	.3							20	20		
82/ 81					.1		.2	.6	.5	.3	.3							56	56		
80/ 79				.1	.1	.3	.9	1.0	.7	.4	.1	.0						99	99		
78/ 77		.0	.2	.1	.7	1.6	2.4	1.2	.8	.3	.1	.0						211	213		
76/ 75		.1	.1	.3	2.1	3.8	2.7	1.5	1.0	.1	.1	.0						320	328	1	
74/ 73		.0	.3	2.2	3.0	4.4	2.3	.6	.3	.2	.1							372	373	14	1
72/ 71		.1	.6	3.7	3.9	3.2	1.3	.7	.2	.1	.0							386	386	15	12
70/ 69	.0	.1	1.4	4.5	5.2	1.7	1.0	.2	.1									399	399	84	18
68/ 67		.1	2.8	4.4	3.1	.9	.3	.1	.1									325	325	293	21
66/ 65		.2	3.5	4.4	1.1	.6	.1		.0									276	276	502	104
64/ 63		.3	3.2	2.2	.2	.1	.0	.0										168	168	595	244
62/ 61		.5	1.8	.9	.1	.0	.0											94	94	572	406
60/ 59		.1	.6	.3	.1	.1												33	33	414	537
58/ 57			.1															4	4	182	521
56/ 55																				74	372
54/ 53																				22	222
52/ 51																				4	129
50/ 49																				4	81
48/ 47																					44
46/ 45																					20
44/ 43																					17
42/ 41																					10
40/ 39																					6
38/ 37																					6
36/ 35																					2
34/ 33																					2
30/ 29																					1
TOTAL	.0	1.6	14.8	23.1	19.6	16.7	11.4	6.0	4.0	1.6	1.0	.1	.0							2776	2776

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12103785	179735	64.7	12.968	2776							
Dry Bulb	14079162	197300	71.0	5.073	2779			73.8	36.6	4.3	.0	93
Wet Bulb	10995693	174443	62.8	3.487	2776			13.6	.5			93
Dew Point	9377126	160778	57.9	4.852	2776		.0	1.7	.0			93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-71

SEP MONTH YEARS

PAGE 1 0000-0200  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
82/ 81										.0								1		1																
80/ 79							.0	.1	.1	.0	.0							10		10																
78/ 77					.1	.2	.2	.1	.0									15		15																
76/ 75				.1	.2	.2	.1	.5	.0									29		29																
74/ 73		.1	.5	.3	.4	.5	.3	.1	.1	.1			.1					61		61																
72/ 71	.0	.2	.8	.5	.4	.8	.5	.1	.1				.0					91		91																
70/ 69	.2	.7	.7	1.0	1.5	1.2	.4						.0					148	148	10	1															
68/ 67	.7	1.5	1.5	1.9	1.4	1.1	.2	.1	.0									220	220	52	6															
66/ 65	.0	1.1	2.7	2.4	1.3	1.9	.6	.1	.0	.1	.0							266	266	83	47															
64/ 63	.2	2.3	3.8	3.2	1.8	1.5	.4	.2	.1	.1								351	351	149	88															
62/ 61	.1	4.0	5.4	3.1	1.4	.6	.3	.1	.1									394	394	250	124															
60/ 59	.3	4.0	5.5	2.4	1.3	.6	.2	.2	.0									381	381	418	197															
58/ 57	.2	3.0	4.1	1.5	1.0	.3	.2	.3	.1									276	276	466	309															
56/ 55	.2	2.0	2.9	1.0	.3	.2	.2	.1										177	177	452	367															
54/ 53	.0	1.2	2.0	.0	.2	.1	.0	.0										109	109	277	374															
52/ 51		.7	.7	.2	.1	.1												47	47	185	308															
50/ 49		.5	.3	.0														23	23	134	242															
48/ 47			.0	.0														2	2	75	177															
46/ 45			.0	.0														2	2	26	145															
44/ 43																				16	71															
42/ 41																				9	44															
40/ 39																				1	26															
38/ 37																					13															
36/ 35																					19															
34/ 33																					7															
32/ 31																					5															
30/ 29																					5															
28/ 27																					10															
26/ 25																					9															
24/ 23																					7															
22/ 21																					3															
20/ 19																					2															
18/ 17																					1															
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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



DATA PROCESSING BRANCH  
USAF ETA.  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDINO 43-71

SEP  
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	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
78/ 77				.0	.2	.1	.1	.0	.0									6	6				
76/ 75				.1	.3	.2	.1	.2					.0					14	14				
74/ 73				.2	.5	.3	.1	.1	.2				.0					24	24				
72/ 71			.2	.2	.5	.3	.1	.1	.2			.1						41	41				
70/ 69		.1	.5	.6	.5	.4	.6	.2	.0		.1							79	79	2			
68/ 67		.3	.7	.5	.7	1.3	.7	.3	.2		.0	.0						127	127	25	2		
66/ 65		1.4	2.0	1.2	1.6	1.1	.7	.0	.0									209	209	44	20		
64/ 63	.3	2.1	2.2	1.8	1.8	1.1	.5	.1	.1									255	255	125	75		
62/ 61	.4	3.5	4.1	2.3	1.8	1.0	.3	.1	.1									351	351	151	101		
60/ 59	.7	5.1	4.2	2.7	1.7	.9	.3	.1	.1									409	409	287	173		
58/ 57	.4	3.6	3.7	2.3	1.3	.6	.2	.1	.0	.0								318	318	391	222		
56/ 55	.6	3.5	2.5	1.6	1.3	.5	.2	.2	.0	.0								274	274	393	266		
54/ 53	.1	2.2	2.6	1.5	.5	.2	.2	.0										188	188	326	298		
52/ 51	.2	1.8	2.0	1.1	.3	.2	.2											150	150	258	297		
50/ 49		1.7	1.7	.5	.1	.1	.0											107	107	242	256		
48/ 47		.5	.7	.2	.1													39	38	180	222		
46/ 45		.1	.2	.1	.1													12	12	104	216		
44/ 43																				37	144		
42/ 41			.0															1	1	25	111		
40/ 39																				14	68		
38/ 37																				1	31		
36/ 35																					24		
34/ 33																					17		
32/ 31																					13		
30/ 29																					9		
28/ 27																					14		
26/ 25																					10		
24/ 23																					8		
22/ 21																					5		
20/ 19																					1		
18/ 17																					1		
14/ 13																					1		
TOTAL	2.7	25.9	27.3	16.6	12.6	8.0	4.2	1.6	.8	.1	.1	.1	.1							2603	2603	2605	2605
Element (X)	Σx'	Σx		̄x	s <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.	15109706	194028		74.5	15.831	2604		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	9325716	155020		59.6	5.724	2603				10.1	1.5			90									
Wet Bulb	7878425	142571		54.7	5.386	2605				.9				90									
Dew Point	6867342	132318		50.8	7.498	2605			2.1	.1				90									

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDINO      43-71      SEP  
 STATION      STATION NAME      YEARS      MONTH  
 PA-5 1      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			
96/ 95											.0						1	1						
92/ 91											.0						3	3						
90/ 89											.0	.1	.0				4	4						
88/ 87										.1	.1	.0	.1	.1			10	10						
86/ 85									.1	.1	.1	.2	.1				18	18						
84/ 83								.1	.2	.2	.2	.2	.1		.0		24	24						
82/ 81						.0	.2	.2	.5	.2	.4	.1	.0	.0	.0		44	44						
80/ 79						.1	.5	.6	.4	.7	.2	.1		.1			57	67						
78/ 77					.1	.3	.3	.5	.7	.6	.3	.3	.2				84	84						
76/ 75				.1	.4	.8	.4	.6	.8	.5	.2	.2	.1				109	108						
74/ 73				.1	.5	.6	.8	1.0	.5	.3	.2	.1	.1				107	107	1					
72/ 71			.1	.5	.6	.9	1.3	.9	.5	.2	.1	.2					138	138	3					
70/ 69		.0	.5	.8	.9	1.1	1.2	.7	.4	.1	.0						150	150	24					
68/ 67		.5	1.2	1.2	1.4	1.4	1.2	.3	.2	.1							192	192	72	5				
66/ 65		.8	1.3	1.7	1.8	1.5	.8	.4	.2	.1	.0						226	226	124	28				
64/ 63	.2	1.1	2.1	1.8	1.3	1.3	.7	.4	.2	.0							237	237	184	69				
62/ 61	.4	2.0	3.1	3.0	1.7	.5	.5	.2	.1								318	318	259	126				
60/ 59	.3	3.4	3.0	2.2	1.3	.6	.2	.1	.1								293	293	302	190				
58/ 57	.2	2.6	2.4	1.2	.8	.2	.0		.1								197	197	404	232				
56/ 55	.4	1.8	1.4	1.0	1.0	.3	.2										156	156	397	317				
54/ 53	.3	1.3	1.2	.7	.3	.1	.2										107	107	26	295				
52/ 51	.1	.6	.8	.3	.1	.1		.0									55	55	186	313				
50/ 49		.5	.6	.2	.1	.0											38	38	127	258				
48/ 47		.3	.2	.0	.0												17	17	89	202				
46/ 45		.1	.1	.1													8	8	53	156				
44/ 43		.1															2	2	17	112				
42/ 41																			13	89				
40/ 39																			4	79				
38/ 37																			1	28				
36/ 35																				24				
34/ 33																				15				
32/ 31																				18				
30/ 29																				19				
28/ 27																				0				
Element (X)	Σ X'	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	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



DATA PROCESSING BRANCH  
 USAF ETAL  
 AIR WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

23122  
 STATION

MORTON AFB CALIF/SAN BERNARDINE  
 STATION NAME

43-71  
 YEARS

S+D  
 MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb
106/105															.0	.0	.2	2	2		
104/103														.0		.1	.3	12	12		
102/101													.0		.0	.1	.3	12	12		
100/99														.1	.2	.5	.6	32	32		
98/97										.0			.1	.2	.5	.3	.3	37	37		
96/95											.2	.3	.7	.7	.9	.5	.5	87	87		
94/93									.2	.3	.4	.8	.8	.7	.4	.5	105	105			
92/91							.0	.0	.1	.5	.7	.8	1.1	1.1	.5	.5	140	140			
90/89					.0		.0	.2	.3	.9	1.0	1.2	1.1	.9	.8	.1	168	160			
88/87							.1	.3	.7	.9	1.3	1.1	1.1	.6	.4	.1	169	169			
86/85						.1	.1	.1	.8	1.0	1.6	1.4	1.0	.0	.5	.2	.0	195	195		
84/83						.0	.3	.5	.7	1.0	1.8	.7	1.1	.4	.3	.2		182	182		
82/81							.2	.9	.6	1.1	1.1	.8	.8	.2	.3			156	156	1	
80/79					.1	.2	.8	1.1	1.4	1.3	.8	.5	.3	.1	.1			173	173	1	1
78/77					.2	.7	.5	.9	.9	.9	.4	.2	.0	.2				124	124	4	
76/75				.0	.5	1.0	1.3	1.1	1.1	.3	.3	.1	.0					150	150	4	
74/73			.1	.2	.7	1.3	1.3	.9	.3	.1	.1							129	129	37	1
72/71		.1	.1	.5	.9	1.5	.9	.7	.2			.0						131	131	103	2
70/69		.1	.3	1.0	1.3	1.7	.9	.4	.1	.0								153	150	209	11
68/67		.1	.5	1.4	1.8	1.3	.3	.1										143	143	264	23
66/65		.1	.8	1.4	1.2	.8	.1											115	115	382	47
64/63		.5	.9	1.2	.8	.1	.0											93	93	413	80
62/61	.0	.5	1.0	.4	.1	.0												55	55	418	189
60/59		.5	.2	.1														22	22	382	227
58/57		.1	.1															5	5	258	246
56/55		.1																2	2	80	332
54/53																				28	307
52/51																				5	254
50/49																				1	224
48/47																					145
46/45																					99
44/43																					97
42/41																					63
40/39																					66
Element (X)	Σx²	Σx	̄x	s <sub>x</sub>	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 REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-71 SEP  
STATION STATION NAME YEARS MONTH

PAGE 2 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
38/ 37																					41
36/ 35																					39
34/ 33																					25
32/ 31																					23
30/ 29																					13
28/ 27																					12
26/ 25																					14
24/ 23																					5
22/ 21																					6
20/ 19																					2
18/ 17																					2
12/ 11																					1
TOTAL	.0	2.0	4.0	6.2	7.8	8.7	6.8	7.0	6.6	6.9	8.7	7.2	7.5	6.8	5.8	4.4	3.5	2609	2609	2609	2609
																		2609	2609	2609	2609

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	5292308	112470	43.120	10.007	2609							
Dry Bulb	16984546	208800	80.0	10.253	2609			79.9	65.0	48.8	11.3	90
Wet Bulb	10521368	165268	63.3	4.483	2609			21.8	2.0	.0		90
Dew Point	7324837	136495	52.3	8.396	2609			2.9	1.3	.1		90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTON AFB CALIF/SAN BERNARDING 43-71

SEP  
 MONTH

PAGE 1 1200-1400  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	1-2	3-4	5-6	7-8	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			
114/113																.0	1	1					
112/111																.1	3	3					
110/109																.4	10	10					
108/107														.0	.0	.8	24	24					
106/105														.0	.0	1.1	31	31					
104/103											.1	.0	.2	.2	1.9	64	64						
102/101												.2	.3	.8	3.1	114	114						
100/99											.1	.4	.9	1.4	3.1	152	152						
98/97									.1	.1	.4	1.0	1.0	1.8	3.3	201	201						
96/95								.0	.0	.2	.4	1.3	1.6	1.3	1.7	2.6	240	240					
94/93								.0	.1	.3	.6	.9	1.3	1.6	1.2	1.5	197	197					
92/91				.0				.0	.0	.5	1.0	1.1	1.2	1.3	1.5	.2	199	199					
90/89							.0	.2	.7	.8	1.4	1.8	1.8	1.3	.7	.5	237	237					
88/87					.1	.1	.1	.3	.6	1.3	1.0	1.7	.9	.4	.3	.2	189	189					
86/85							.2	.8	.7	.9	1.0	.8	.4	.2	.3	.0	138	138					
84/83						.1	.7	1.1	.6	.9	1.1	.2	.1	.2	.2		132	132	1				
82/81					.1	.4	.8	.6	.8	.8	.4	.1		.0			107	107					
80/79			.0	.2	.8	.8	1.1	1.0	.4	.1	.1						121	121	6	1			
78/77				.1	.3	.7	1.1	.9	.5								92	92	14				
76/75		.0	.1	.0	.5	1.0	1.4	.7	.3								105	105	36	1			
74/73			.1	.1	.7	.8	.7	.3	.1								72	72	101	3			
72/71	.1		.1	.3	.7	.7	.5	.1	.1								65	65	216	8			
70/69	.0		.3	.2	.5	.6	.2										51	51	360	8			
68/67		.2	.1	.4	.5	.1											33	33	407	24			
66/65	.2	.2	.0	.2	.1												18	18	395	41			
64/63		.1	.1	.0													5	5	431	93			
62/61			.0														1	1	347	176			
60/59	.3																1	1	183	188			
58/57																			78	204			
56/55																			25	245			
54/53																			3	248			
52/51																				246			
50/49																				243			
48/47																				184			
Element (X)	Σ X <sup>2</sup>	Σ X	Σ X̄	σ <sub>x</sub>	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 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR CENTER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      MORTON AFB CALIF/SAN BERNARDINO      43-72      SEP      PAGE 1      1500-1700  
STATION      STATION NAME      YEARS      MONTH      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	15-17	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														
112/111																			.1	3	3															
110/109																			.1	2	2															
108/107																			.3	7	7															
106/105																			.6	17	17															
104/103																	.2	.1	.5	20	20															
102/101														.0	.1	.2	.5	1.4	50	50																
100/ 99														.1	.5	.5	.8	1.3	83	83																
98/ 97														.6	.6	1.2	1.2	1.7	139	139																
96/ 95													.0	.1	.3	.7	1.3	1.3	1.4	1.6	175	175														
94/ 93													.1	.3	.8	1.3	1.7	1.7	.8	.7	197	197														
92/ 91									.1	.2	.8	1.2	1.6	2.2	1.4	.7	.6	.6	.6	.6	233	233														
90/ 89							.0	.0	.1	.4	1.2	1.9	2.4	2.0	1.0	.4	.3	.3	.3	.3	256	256														
88/ 87							.2	.2	.5	1.8	2.0	1.8	1.3	1.0	.2	.2	.0	.0	.0	.0	233	233														
86/ 85						.1	.1	.1	.9	1.2	2.4	2.0	1.1	.2	.1	.4	.0	.0	.0	.0	223	223														
84/ 83					.0	.1	.1	.6	1.3	1.3	1.8	1.0	.3	.1	.2	.1					183	183														
82/ 81				.0	.0	.5	1.0	1.1	1.4	1.2	.5	.2	.1	.2	.1						162	162														
80/ 79		.0	.0	.1	.0	.2	.9	1.1	1.4	.7	.4	.2		.1	.0						138	138	2													
78/ 77			.1	.0	.0	.3	1.1	.8	1.3	.5	.0										133	133	7	1												
76/ 75				.1	.2	.5	1.2	1.0	.8	.2	.0										104	104	38	3												
74/ 73				.6	.1	.5	1.3	.5	.5	.0											77	77	95													
72/ 71	.0	.0	.1	.1	.4	.7	.3	.2	.0	.0											58	58	168	10												
70/ 69				.2	.2	.8	.4	.0	.0	.0											43	43	366	15												
68/ 67	.0	.0	.2	.1	.2	.4	.1	.0													24	29	435	22												
66/ 65		.3	.2	.1	.3	.1															24	24	495	40												
64/ 63		.1	.0		.0																5	5	459	119												
62/ 61				.0																	1	1	287	176												
60/ 59	.0		.1																		4	4	154	217												
58/ 57																							65	248												
56/ 55																							26	297												
54/ 53																							10	320												
52/ 51																								259												
50/ 49																								227												
48/ 47																								163												
46/ 45																								126												
Element (X)	Σ X <sup>2</sup>	Σ X	$\bar{X}$	s <sub>x</sub>	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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WATER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72

SEP  
 MONTH

PAGE 2 1600-1700  
 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
44/ 43																					83
42/ 41																					61
40/ 39																					42
38/ 37																					41
36/ 35																					29
34/ 33																					18
32/ 31																					17
30/ 29																					19
28/ 27																					12
26/ 25																					12
24/ 23																					9
22/ 21																					5
20/ 19																					6
18/ 17																					2
16/ 15																					1
12/ 11																					1
TOTAL	.1	.5	.7	.7	1.5	3.0	6.4	6.7	8.0	7.9	10.3	9.5	9.7	9.8	8.1	6.9	9.2	2607	2607	2607	2607
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3605330	88842	34.114	8.890	2607	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	19847604	226348	86.8	8.658	2607			88.8	84.3	71.5	24.2	90									
Wet Bulb	1324737	171489	65.8	4.116	2607			38.4	4.9	.0		90									
Dew Point	7372338	136872	52.5	8.456	2607	2.9	1.8					90									

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



DATA PROCESSING BRANCH  
USAF ETAF  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23127 HORTON AFB CALIF/SAN BERNARDINO 43-72

SFP  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B	W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99															.0	.0		2	2			
98/ 97													.0		.0	.0		2	3			
96/ 95													.1	.0	.1		.1	7	7			
94/ 93												.2	.1	.1	.1	.0	.0	13	13			
92/ 91										.0	.3	.3	.2	.3	.2	.0	.1	39	39			
90/ 89								.1	.1	.3	.5	.5	.1	.1	.1	.1		47	47			
88/ 87							.1	.6	.5	.5	.7	.6	.2	.2	.1	.0		84	84			
86/ 85					.0		.0	.1	.6	.8	1.3	1.2	.5	.2	.0	.1		125	125			
84/ 84				.1	.1	.1	.6	1.7	1.3	.8	1.0	.3	.2	.1	.1		166	166				
82/ 81			.0	.3	.1	1.1	1.2	1.9	1.9	1.2	.6	.1	.1	.2			216	216				
80/ 79			.0	.2	.4	1.3	1.8	2.0	1.2	.7	.2	.0	.1	.1			211	211				
78/ 77			.1	.3	1.4	2.2	2.4	1.9	1.0	.3	.2	.1	.3				264	264				
76/ 75			.2	.9	2.3	2.1	1.7	.7	.6	.2	.2	.0	.1				236	236	3	1		
74/ 73		.2	.4	1.8	2.1	2.3	1.9	.5	.2	.1	.0	.1					226	226	16	2		
72/ 71		.1	.1	1.2	2.5	2.8	1.2	.6	.2	.1	.1	.0					232	232	58	5		
70/ 69		.1	.5	1.7	3.0	2.0	.6	.2	.1	.1							214	214	149	13		
68/ 67		.2	.5	2.5	2.5	.8	.2	.1	.0	.0							177	177	271	16		
66/ 65		.1	.8	2.0	1.5	.6	.1	.0	.0								156	156	445	60		
64/ 63	.0	.1	1.1	2.0	.8	.0	.0	.0		.0							112	112	514	133		
62/ 61		.2	.8	.9	.5	.0											61	61	465	222		
60/ 59	.1		.3	.1		.1											14	14	350	352		
58/ 57		.0															1	1	183	392		
56/ 55																			90	390		
54/ 53																			34	330		
52/ 51																			14	204		
50/ 49																			10	142		
48/ 47																			2	101		
46/ 45																			1	61		
44/ 43																					41	
42/ 41																					23	
40/ 39																					17	
38/ 37																					13	
36/ 35																					12	
34/ 33																					16	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 STATION STATION NAME YEARS  
 STATION MONTH

PAGE 1 2100-2200  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
86/ 87											.0	.0																						2	2				
86/ 85											.1	.1																						5	5				
84/ 83											.1	.0	.0																					19	10				
82/ 81											.0	.2	.1	.0	.0																			16	16				
80/ 79											.1	.2	.2																					43	43				
78/ 77											.0	.3	.5	.9	.5	.4	.3	.1																85	25				
76/ 75											.0	.2	.7	1.1	1.0	1.3	.5	.3	.2															143	143				
74/ 73											.2	.7	1.0	1.5	2.0	1.4	.5	.0	.0															194	194		1		
72/ 71											.1	.3	1.0	2.0	2.1	1.6	.9	.3	.0															216	216		6		
70/ 69											.1	1.0	2.6	2.1	2.3	1.5	.6	.3	.1	.1														274	274		37		
68/ 67											.4	2.6	3.5	3.0	2.0	.7	.5	.1	.0	.2														339	339		101		
66/ 65											.7	3.5	3.3	2.1	1.2	.7	.1	.2	.0	.0														309	309		186		
64/ 63											1.4	4.9	4.0	1.5	.6	.1	.2	.2	.1															339	339		323		
62/ 61											.0	1.8	4.9	3.3	1.2	.2	.2	.2	.1															308	308		456		
60/ 59											.2	1.2	3.1	1.3	.8	.1	.2	.1	.1	.0														186	186		506		
58/ 57											.8	1.2	.9	.1	.1	.0	.0	.0																83	83		432		
56/ 55											.0	.2	.6	.3	.0	.1																		32	32		283		
54/ 53											.2	.3	.1																					17	17		121		
52/ 51											.1	.1																						6	6		82		
50/ 49												.0																						1	1		32		
48/ 47												.0																						1	1		26		
46/ 45																																				13	13		69
44/ 43																																					3	39	
42/ 41																																			1	1		16	
40/ 39																																						23	
38/ 37																																						14	
36/ 35																																						10	
34/ 33																																						11	
32/ 31																																						5	
30/ 29																																						6	
28/ 27																																						4	
26/ 25																																						4	
24/ 23																																						6	
22/ 21																																						3	
Element (X)	Σ x <sup>2</sup>			Σ x			x̄			s <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature											Total												
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																		
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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







DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINE 43-72

NOV  
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
74/ 73																		1	1		
70/ 69								.0										1	1		
68/ 67		.1			.0	.0	.0	.0	.1	.0	.0							11	11		
66/ 65		.4	.2	.1	.1	.1	.2	.1	.1	.1								37	37	8	2
64/ 63	.0	.2	.5	.3	.2	.1	.2	.4	.1	.1								57	57	8	11
62/ 61	.0	1.2	1.1	.9	.5	.6	.5	.3	.1									144	144	16	7
60/ 59	.1	3.5	1.9	1.0	.6	.8	.6	.4		.1								252	252	76	26
58/ 57	.3	3.6	2.4	.8	.4	.5	.5	.2	.1	.0								250	250	177	109
56/ 55	.6	4.6	3.7	1.4	.9	1.0	.9	.1	.1									376	376	233	160
54/ 53	.6	3.2	3.4	1.4	1.2	1.4	.6	.1		.1								334	334	252	205
52/ 51	.6	3.3	3.0	2.2	1.5	1.2	.3	.1										337	337	273	212
50/ 49	.5	3.4	3.9	2.1	1.4	.8	.4	.0										345	345	266	220
48/ 47	.3	3.9	3.0	1.5	.8	.5	.2											284	284	325	208
46/ 45	.1	1.8	2.4	1.0	.5	.3	.0											169	169	371	229
44/ 43	.1	1.0	.8	.4	.6		.0											83	93	282	239
42/ 41	.1	.7	.4	.3	.1	.1	.0											49	49	222	204
40/ 39		.4	.4	.0	.0													23	23	100	187
38/ 37		.3	.2		.0													14	14	85	142
36/ 35		.2		.0														7	7	40	155
34/ 33		.0	.0															2	2	13	114
32/ 31		.0	.0															2	2	6	102
30/ 29																				4	61
28/ 27																				1	64
26/ 25																					41
24/ 23																					22
22/ 21																					22
20/ 19																					9
18/ 17																					4
16/ 15																					4
14/ 13																					9
12/ 11																					5
10/ 9																					2
6/ 5																					1
4/ 3																					1
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORTH AFB CALIF/SAN BERNARDINE 43-72 OCT  
 STATION STATION NAME YEARS MONTH

PAGE 1 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
84/ 83														.0				1	1			
82/ 81											.0			.0				2	2			
80/ 79							.0		.0	.1	.1	.1	.1				14	14				
78/ 77								.1	.1	.1	.2						13	13				
76/ 75						.0	.1	.1	.1	.4	.2	.2	.1				30	30				
74/ 73						.1	.1	.2	.2	.3	.1	.1	.0				32	32				
72/ 71				.0	.0	.1	.1	.1	.2	.4	.2	.1	.0				40	40				
70/ 69				.1		.2	.2	.4	.6	.3	.3	.1					60	60	1			
68/ 67		.1	.1	.1	.2	.4	.3	.6	.5	.6	.1	.0					83	83				
66/ 65	.0	.3	.2	.3	.6	.7	.8	.7	.7	.1	.1						124	124	12		3	
64/ 63		.3	.4	.5	.8	.7	.7	.7	.4	.3	.0						134	134	17		11	
62/ 61		1.1	1.5	1.8	1.1	.8	.7	.6	.3								214	214	33		7	
60/ 59	.1	2.7	2.3	2.0	1.5	1.0	1.0	.7	.1		.0						317	317	104		22	
58/ 57	.4	3.1	2.7	1.9	1.2	1.1	.7	.4	.1	.0							311	311	251		102	
56/ 55	.4	2.9	2.8	1.4	1.3	1.1	.6	.2	.1								299	300	316		169	
54/ 53	.7	3.0	2.1	1.7	1.1	1.2	.9	.1	.1								291	293	347		212	
52/ 51	.8	1.9	1.7	1.4	.9	.7	.4	.0									216	218	364		247	
50/ 49	.7	2.5	2.7	1.2	1.0	.4	.1	.0									238	239	301		265	
48/ 47	.3	1.1	1.6	.7	.3	.4	.1										125	125	290		207	
46/ 45		1.4	1.4	.7	.4	.0	.0										107	107	233		201	
44/ 43	.1	.7	.6	.4	.1	.1											56	56	207		187	
42/ 41	.1	.3	.3	.2	.3	.1											33	33	139		227	
40/ 39		.3	.1	.0		.0											14	14	67		186	
38/ 37		.1	.1	.1		.0											8	8	51		134	
36/ 35		.1															3	3	17		156	
34/ 33		.1															2	2	10		106	
32/ 31			.1														2	2	5		98	
30/ 29																			3		55	
28/ 27																			1		55	
26/ 25																					39	
24/ 23																					25	
22/ 21																					14	
20/ 19																					9	
18/ 17																					8	
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		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																						

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



DATA PROCESSING BRANCH  
USAF ETAC  
AFR - WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72

NOV  
MONTH

PAGE 1 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																
102/101																																.0	1	1		
100/99																																	.1	3	3	
98/97																																.0	4	4		
96/95																																.0	11	11		
94/93																																.1	32	32		
92/91																																.3	49	49		
90/89																																.4	62	62		
88/87																																.6	80	80		
86/85																																.7	94	96		
84/83																																.9	111	111		
82/81																																1.0	144	144		
80/79																																1.0	136	136		
78/77																																1.0	166	166		
76/75																																1.0	156	156		
74/73																																1.0	170	170	3	
72/71																																1.0	184	184	5	
70/69																																1.0	193	193	8	
68/67																																1.0	198	198	39	
66/65																																1.0	224	224	79	
64/63																																1.0	223	223	160	
62/61																																1.0	192	192	295	
60/59																																1.0	156	156	520	
58/57																																1.0	82	82	573	
56/55																																1.0	50	51	466	
54/53																																1.0	29	29	272	
52/51																																1.0	13	13	163	
50/49																																1.0	6	6	100	
48/47																																1.0	2	2	49	
46/45																																1.0	1	1	17	
44/43																																1.0	10	10	182	
42/41																																1.0	8	8	137	
40/39																																1.0	3	3	122	
38/37																																1.0	3	3	127	
36/35																																1.0	1	1	110	
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																			
Ref. Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23127 MILTON AFB CALIF SAN BERNARDINO 43-72

01  
 MONTH

PAGE 2 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
34/ 33																					97
32/ 31																					63
30/ 29																					72
28/ 27																					49
26/ 25																					27
24/ 23																					28
22/ 21																					20
20/ 19																					15
18/ 17																					15
16/ 15																					12
14/ 13																					4
12/ 11																					10
10/ 9																					1
8/ 7																					3
4/ 3																					1
TOTAL	4	3.8	6.4	7.6	9.4	9.3	8.1	7.2	5.7	7.1	6.5	5.8	6.3	5.1	4.6	2.6	2.0			2775	2774
																		2774			2774
Element (X)	Σx²		Σx		x̄		sₓ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	7043103		124797		45.0		22.699		2774		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total		
Dry Bulb	14563861		199159		71.8		9.873		2775				60.2	40.9	22.2	1.7			93		
Wet Bulb	9178749		159079		57.3		4.499		2774				1.9	.1					93		
Dew Point	5974585		125763		45.3		10.020		2774		10.8	.1							9.1		

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MORTON AFB CALIF/SAN BERNARDINO 43-72 OCT 1951  
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														
106/105																	.0	1	1																
104/103																	.1	3	3																
102/101																	.4	11	11																
100/ 99																.1	.8	27	27																
98/ 97																.0	.1	55	55																
96/ 95													.1	.1	.3	.3	2.9	102	102																
94/ 93										.0				.3	.8	.9	2.7	130	130																
92/ 91												.1	.2	.5	.9	.5	2.1	122	122																
90/ 89									.0	.1	.4	.3	.8	1.0	1.1	1.2	132	132																	
88/ 87							.0	.1	.0	.1	.5	.7	.9	1.3	1.6	.4	154	154																	
86/ 85						.1			.3	.5	1.0	1.2	1.4	.9	.6	.1	170	170																	
84/ 83				.0		.1	.1	.2	.5	.7	1.1	1.5	.7	.9	.5		178	176																	
82/ 81					.0	.0	.2	.4	.9	1.6	.8	1.3	.8	.8	.1		189	189																	
80/ 79					.1	.1	.3	.9	1.1	1.6	.8	1.0	.8	.3			189	179																	
78/ 77				.0		.1	.4	.9	1.5	1.2	.9	.5	.5	.8	.0		190	190																	
76/ 75			.0		.1	1.1	1.8	1.1	.5	.8	.5	.3	.1				181	181	3																
74/ 73				.4	.0	.4	1.6	2.1	.7	.6	.3	.3	.2	.0			167	169	4																
72/ 71				.3	.3	.9	1.6	1.7	.5	.2	.1	.2	.1				159	159	14	3															
70/ 69				.1	.6	1.6	1.9	.4	.3	.2	.2	.0	.0				154	154	29	2															
68/ 67				.5	1.4	1.4	1.0	.3	.2	.2	.0	.1					144	144	71	3															
66/ 65		.1	.1	.9	1.2	.8	.5	.3	.3	.1		.0					126	120	213	7															
64/ 63		.0	.2	.5	.7	.4	.3	.2	.1	.1							69	69	362	14															
62/ 61		.4	.1	.4	.2	.2	.1	.1	.2								49	49	524	15															
60/ 59		.1	.1	.2	.3	.3	.1	.0	.1								37	37	615	43															
58/ 57	.1	.1	.1		.1												13	13	390	119															
56/ 55	.0	.1	.0	.1	.0			.1									11	12	230	197															
54/ 53		.1	.0	.1													6	6	148	239															
52/ 51																			86	261															
50/ 49																			44	226															
48/ 47				.0														1	17	200															
46/ 45				.0														1	5	176															
44/ 43																			9	157															
42/ 41																			3	127															
40/ 39																			4	154															
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 54 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MARTIN AFB CALIF / SAN BERNARDINO 43-72

STATION MONTH  
YEARS  
PAGE 1 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
106/105																	.0	1	1	
102/101																	.2	6	6	
100/99																.0	0	0		
98/97													.0			.2	20	20		
96/95													.0			.4	50	50		
94/92													.1	.2	.3	.4	73	73		
92/91												.1	.3	.5	.5	.6	101	101		
90/89												.3	.7	.5	.7	.6	107	107		
88/87											.1	.1	.3	.5	.6	1.1	133	133		
86/85								.1	.0	.3	.6	.8	1.2	.7	.6	.0	139	139		
84/83						.0	.0	.1	.1	.7	1.2	.9	1.0	.8	.4	.5	159	159		
82/81					.0	.1	.3	.6	1.1	1.3	1.0	1.1	.8	.5	.0		193	193		
80/79					.1	.2	.4	1.3	1.2	1.4	1.1	.5	.5	.4			193	193		
78/77					.1	.5	1.2	1.7	1.3	1.1	.7	.6	.5	.1			218	218		
76/75					.1	.2	1.1	2.3	1.3	.8	.7	.3	.6	.3			211	211	1	
74/73					.1	.9	2.4	2.1	1.3	.5	.2	.3	.1	.0			221	221	2	
72/71			.0	.0	.4	1.7	2.3	1.7	.6	.3	.1	.3	.1	.0			211	211	7	
70/69					1.3	2.1	1.7	.7	.4	.1	.2	.1	.1				187	187	29	
68/67				.4	1.4	2.1	1.1	.2		.1	.1	.1	.0				150	150	88	
66/65			.1	1.0	1.7	1.0	.3	.3	.1	.1	.2						131	131	186	
64/63		.1	.3	.9	.9	.3	.1	.1	.1	.1	.0						86	86	349	
62/61		.2	.4	.4	.5	.3	.3	.1	.1	.1	.1						68	68	573	
60/59	.2	.2	.1	.1	.3	.3	.1	.0	.1	.0	.0						42	42	558	
58/57		.3	.1	.4	.3	.1			.1								34	34	427	
56/55		.1	.0	.1	.0												8	8	233	
54/53		.1	.0	.1			.0										7	7	122	
52/51		.1	.1														4	4	87	
50/49		.1															4	4	62	
48/47				.1	.0												3	3	22	
46/45																			15	
44/43																			6	
42/41																			5	
40/39																			5	
38/37																			5	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																				

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





DATA PROCESSING BRANCH  
USAF ETAC  
AIR LEAD-PL SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MONT. N AFB CALIF/SAN BERNARDINO 43-77

OCT  
MONTH

STATION

STATION NAME

YEARS

PAGE 1

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			
92/ 91												.0					.1	1	3					
90/ 89											.0				.0		.0	3	3					
88/ 87												.1			.1		.0	17	12					
86/ 85											.1	.1	.1	.2	.1	.1	.0	25	25					
84/ 83									.1	.3	.1	.2	.3	.2	.1	.1		39	39					
82/ 81							.0		.3	.1	.2	.4	.2	.4	.2			49	49					
80/ 79						.0	.1	.2	.3	.3	.5	.5	.4	.2	.0			71	71					
78/ 77					.1	.3	.7	.9	.8	.6	.4	.3	.2	.0	.0			84	84					
76/ 75				.0	.3	.7	.9	.7	.6	.5	.4	.3	.3					120	120					
74/ 73			.0	.4	.7	1.4	1.2	1.1	.7	.3	.4	.3	.1					133	133					
72/ 71			.1	.6	1.8	2.2	1.2	1.0	1.0	.5	.5	.2	.0					182	182					
70/ 69			.4	1.0	3.4	1.8	1.2	.9	.6	.4	.5	.1						254	254	3				
68/ 67			.6	3.8	3.0	1.9	.9	.3	.4	.2	.1	.0						285	225	24	1			
66/ 65			.1	2.9	4.7	2.4	.8	.5	.4	.4	.0							314	314	68	4			
64/ 63		.1	.8	2.7	2.4	.9	.3	.4	.2	.1	.0	.1						349	349	135	13			
62/ 61		.8	3.5	3.8	1.6	.8	.6	.4	.3	.1	.1							330	330	290	37			
60/ 59	.1	.8	2.7	2.4	.9	.3	.4	.2	.1	.0	.1							224	224	511	92			
58/ 57	.1	.8	1.3	1.0	.6	.3	.4	.2	.2	.1								138	139	540	253			
56/ 55	.3	.6	.8	.5	.2	.1	.1	.0										77	77	437	417			
54/ 53	.1	.1	.2	.3	.1	.0	.0	.0										26	26	263	399			
52/ 51		.2	.4	.2		.1	.0											29	28	168	293			
50/ 49		.2	.1	.1	.0		.0											13	13	136	209			
48/ 47		.2	.0	.1			.1											11	11	102	189			
46/ 45			.0															1	1	44	170			
44/ 43			.0															1	1	17	115			
42/ 41				.0														1	1	15	108			
40/ 39																				7	71			
38/ 37																				2	60			
36/ 35																				2	63			
34/ 33																					47			
32/ 31																					48			
30/ 29																					37			
28/ 27																					62			
26/ 25																					31			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72  
 STATION MONTH  
 PAGE 2 1200-2000  
 HOURS ILL. S. T. I

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																					21
22/ 21																					22
20/ 19																					4
18/ 17																					4
16/ 15																					6
14/ 13																					1
12/ 11																					2
10/ 9																					1
8/ 7																					1
6/ 5																					1
2/ 1																					1
TOTAL	.2	3.6	13.1	19.3	15.5	11.0	6.7	7.0	6.1	4.5	3.9	2.7	1.8	1.3	.8	.4	.2		2774		2773
																		2773		2773	
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	9988053		156751		56.5		20.141		2772		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	12439209		184655		66.6		7.291		2774				42.2	14.1	3.5		91				
Wet Bulb	8956094		157022		56.6		4.830		2773				9				33				
Dew Point	6758310		134274		48.4		9.619		2773			8.1					23				

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      MARTIN AFB CALIF / SAN BERNARDINO      63-71      MONTH      YEAR

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
86/ 85															.0			1	1		
84/ 83															.0			1	1		
82/ 81															.0			1	1		
80/ 79								.0						.0				2	2		
78/ 77						.0		.0		.0								4	4		
76/ 75						.0	.1	.0	.1	.0	.1	.1						10	10		
74/ 73					.0	.1	.0	.0	.2	.2	.1	.0	.0					21	21		
72/ 71					.1	.1	.3	.1	.2	.1	.0	.1						31	31		
70/ 69			.0	.1	.3	.4	.3	.2	.2	.1	.1	.1	.0					53	53		
68/ 67		.1	.4	.4	.7	.4	.6	.5	.5	.1	.1	.1						109	109	1	
66/ 65		.0	1.0	1.4	.9	.7	.5	.4	.5	.1	.1	.0						158	158	7	1
64/ 63	.1	.2	2.2	1.7	1.2	.8	.7	.6	.4	.1	.0							227	229	31	6
62/ 61		1.7	4.2	3.3	1.5	1.3	.9	.8	.3	.1								390	390	79	19
60/ 59	.1	3.0	5.9	2.5	1.6	1.0	.7	.6	.1	.1	.0							444	444	220	57
58/ 57		3.7	4.9	2.4	2.0	.8	.9	.5	.2	.1								428	428	363	195
56/ 55	.1	3.5	4.2	1.9	1.1	.8	.6	.2	.1	.1								357	351	448	282
54/ 53	.1	1.7	2.7	1.6	.9	.4	.3	.3										219	220	397	338
52/ 51	.1	1.7	1.9	.9	.5	.6	.2	.0										169	168	354	315
50/ 49		1.2	.7	.5	.3	.2	.1											85	85	309	247
48/ 47		.5	.4	.3	.2	.1	.1											42	42	229	268
46/ 45	.0	.2	.3	.1			.1											18	18	146	207
44/ 43		.1	.2	.1	.0													13	14	83	161
42/ 41		.1	.0															3	3	57	127
40/ 39		.0	.1															3	3	36	119
38/ 37																				9	75
36/ 35			.1															2	2	6	75
34/ 33																				3	54
32/ 31																				1	59
30/ 29																					51
28/ 27																					35
26/ 25																					17
24/ 23																					20
22/ 21																					15
20/ 19																					4
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HORTON AFB CALIF/SAN BERNARDINO 43-72 N IV  
STATION STATION NAME YEARS MONTH  
PAGE 1 0000-0200  
HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85																.1		2	2						
84/ 83															.0			1	1						
80/ 79												.1						3	3						
78/ 77												.1						3	3						
74/ 73												.0						1	1						
72/ 71												.0						1	1						
70/ 69											.0			.0				2	2						
68/ 67										.0			.0	.1				2	4						
66/ 65								.0		.1		.0						4	4						
64/ 63							.0		.1		.1	.2						12	12						
62/ 61		.1	.1	.1	.0		.1	.1	.1	.0		.0						24	24						
60/ 59	.1	.7	.6	.1	.1	.1	.1	.1	.1	.1	.0	.0						59	59	6	6				
58/ 57		.7	.8	.3	.3	.3	.1	.3	.2	.1								87	87	31	9				
56/ 55	.1	2.1	1.7	.6	.3	.5	.4	.5	.1	.0	.0							172	172	54	27				
54/ 53	.4	2.0	2.7	.5	1.2	1.0	.3	.4	.1									233	253	108	68				
52/ 51	.4	3.3	2.6	1.5	1.7	1.4	.5	.1	.0									310	310	151	100				
50/ 49	.4	4.2	3.4	2.3	2.0	.8	.3	.1										365	365	206	137				
48/ 47	.1	2.9	3.6	1.9	1.9	.4	.7											312	314	239	149				
46/ 45	.1	3.8	3.5	2.4	1.7	1.0	.1											338	338	297	178				
44/ 43	.1	2.3	2.7	1.3	1.3	.5	.0											262	262	368	186				
42/ 41	.1	2.5	2.1	1.7	.7	.2												198	198	325	196				
40/ 39	.1	2.0	2.2	1.4	.4	.1												165	165	301	251				
38/ 37		1.0	.7	.4	.2	.0												64	64	252	193				
36/ 35	.0	.5	.2	.4	.3													39	39	203	220				
34/ 33		.6	.1	.1	.0													24	24	77	180				
32/ 31			.3															7	7	39	170				
30/ 29																				20	164				
28/ 27																				14	119				
26/ 25																				1	74				
24/ 23																					64				
22/ 21																					57				
20/ 19																					34				
18/ 17																					30				
16/ 15																					23				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122  
STATION

MURT. N AFB CALIF/SAN BERNARDINO  
STATION NAME

43-72  
YEARS

NOV  
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
82/ 81															.0		1	1			
78/ 77												.0	.0				2	2			
76/ 75										.1							2	2			
72/ 71											.0						1	1			
68/ 67								.0	.0	.0	.0	.1					6	6			
66/ 65											.1						3	3			
64/ 63							.0	.0	.0	.1	.0						6	6			
62/ 61		.1	.1				.1	.0	.1	.1	.1						17	17			
60/ 59	.1	.1	.3	.2	.1	.2	.1	.1	.0	.0							35	35	6	3	
58/ 57	.1	.5	.9	.0	.1	.3	.3	.1	.2	.0	.0						69	69	12	8	
56/ 55	.0	2.2	1.2	.4	.2	.4	.2	.2	.1	.1							134	134	40	10	
54/ 53	.4	1.6	1.1	.7	.3	.4	.6	.3	.1								147	147	89	58	
52/ 51	.5	3.2	1.6	.8	.8	1.0	.4	.2									231	231	114	83	
50/ 49	.3	3.3	2.6	2.3	1.4	.8	.4	.1	.0								306	306	157	116	
48/ 47	.1	3.5	2.9	2.5	1.7	.3	.2	.0									304	304	205	122	
46/ 45	.3	3.8	4.3	2.1	1.7	.4	.3										349	349	232	142	
44/ 43	.2	3.0	2.3	2.1	.9	1.0	.1										261	262	314	165	
42/ 41	.2	2.9	2.3	2.2	1.3	.5											254	254	353	183	
40/ 39	.1	3.2	3.3	2.4	.6	.1											262	262	282	220	
38/ 37	.1	2.0	2.1	1.4	.5												159	159	295	226	
36/ 35		1.4	.8	.6	.1												79	79	255	224	
34/ 33		.7	.4	.1	.1												38	38	199	177	
32/ 31		.2	.3	.1	.1												18	18	78	208	
30/ 29		.1	.1														5	5	37	192	
28/ 27			.0														1	1	16	129	
26/ 25																			5	117	
24/ 23																			1	83	
22/ 21																				57	
20/ 19																				30	
18/ 17																				34	
16/ 15																				25	
14/ 13																				26	
12/ 11																				11	
10/ 9																				9	
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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









DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3122 MIPT N AFB CALIF/SON BERNARDINE 63-72

NOV

STATION

STATION NAME

YEAR

MONTH

PAGE 1 6900-1100  
 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
90/ 89															.0	.0		2	2		
88/ 87														.1	.1	.0		6	6		
86/ 85													.1	.3	.3	.1		21	21		
84/ 83												.2	.2	.2				17	17		
82/ 81										.0		.2	.7	.3	.1			36	36		
80/ 79							.0			.1	.1	.5	.6	.5	.1			53	53		
78/ 77					.0		.1	.1	.0	.3	.6	.9	.7	.4	.1			85	85		
76/ 75					.1	.1	.2	.1	.6	.7	1.0	.3	.1	.0				88	88		
74/ 73	.0			.0	.0	.1	.2	.0	.4	.6	.9	1.3	.4	.1	.0			106	108	1	1
72/ 71				.0	.0	.3	.2	.4	.8	1.1	1.5	.8	.5	.1				156	154		
70/ 69			.1		.1	.3	.6	1.0	1.0	1.6	1.5	.6	.1					184	184	2	
68/ 67			.0	.1	.4	.9	1.1	.9	1.4	1.5	.4	.2						164	165	2	2
66/ 65			.1	.1	.4	.9	1.1	.9	1.4	1.5	.4	.2						189	189	9	
64/ 63		.1	.1	.7	.9	1.2	1.1	1.1	1.4	.7	.4	.0						207	207	15	4
62/ 61		.0	.4	1.0	2.0	.9	.8	1.5	.9	.9	.3	.0						233	234	37	2
60/ 59	.0	.2	.9	2.0	1.7	1.7	1.3	1.0	.9	.4	.0							274	274	89	12
58/ 57	.0	.6	1.3	1.6	1.2	1.0	1.1	.9	.5	.1								224	224	203	23
56/ 55	.1	.7	1.4	2.0	1.9	1.2	.9	.6	.3									244	244	298	50
54/ 53	.1	.6	1.6	1.7	1.1	.5	.3	.2	.0									164	164	397	68
52/ 51	.0	.7	1.2	.9	.5	.3	.2	.0	.0									107	107	404	132
50/ 49	.1	.6	.8	.4	.3	.2	.1	.0										70	70	406	156
48/ 47	.0	.3	.4	.3	.1	.1	.1											38	38	354	200
46/ 45	.0		.0	.1		.1	.0											7	7	211	207
44/ 43	.0				.1	.0												4	7	152	203
42/ 41		.1			.0													4	5	58	179
40/ 39																				27	266
38/ 37																				9	151
36/ 35																				5	177
34/ 33																				1	160
32/ 31																					145
30/ 29																					147
28/ 27																					80
26/ 25																					81
24/ 23																					83
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X̄	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 63 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 HNTPT-N AFB CALIF/SAN BERNARDINE 63-72

NY V

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
 HOURS (L. S. T.)

USAF ETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥31	O.B	W.B.	Dry Bulb	Wet Bulb
94/93																	.1	.1	4	4		
92/91																	.2	.1	12	12		
90/89											.0				.1	.4	.5	.4	38	38		
88/87													.0		.1	.9	.6	.1	47	47		
86/85									.0	.1	.1	.1	.3	1.0	.7	.6	.1	82	82			
84/83								.1	.0	.0	.1	.0	.9	.9	.9	.2	.0	84	84			
82/81						.0	.3			.2	.6	1.3	1.3	.7	.1			120	120			
80/79						.1	.2	.2	.3	.5	1.5	1.2	1.2	.6	.1			155	155			
78/77				.1	.0	.2	.0	.1	.4	.3	.9	1.6	1.5	.8	.4			163	168			
76/75			.0	.0	.0	.2	.4	.4	.4	.9	1.5	1.6	.7	.2	.0			195	195			
74/73						.1	.3	.5	.4	.7	1.2	1.5	1.6	.5	.1			183	183			
72/71				.0		.1	.4	.4	.4	1.0	1.4	1.3	.5	.0				155	157	6	1	
70/69				.1	.1	.3	.8	.8	.8	1.1	1.6	1.2	.4					194	194	10	2	
68/67				.1	.1	1.2	1.4	.9	.8	.7	1.2	.4	.0	.0				186	180	16	2	
66/65			.1	.2	.7	1.5	1.1	.8	.8	1.4	1.0	.2	.0					210	210	15	6	
64/63			.1	.2	.9	1.8	1.0	.8	.8	.8	.4							183	183	30	6	
62/61		.1	.5	.9	1.5	1.2	.6	.9	.7	.2	.1							187	187	104	11	
60/59	.3	.2	.6	1.3	1.2	1.7	.7	.4	.5	.0								184	184	221	12	
58/57	.0	.4	.4	.7	1.2	.8	.4	.2	.1	.1								125	125	318	26	
56/55	.1	.5	.6	.7	1.0	.3	.1	.0	.1									88	88	427	43	
54/53	.1	.2	.6	.2	.1	.0	.1	.1										41	41	401	62	
52/51	.0	.3	.3	.3	.1	.1	.1	.2	.0									42	42	379	125	
50/49	.0	.2	.0			.0												9	9	342	147	
48/47		.0	.0															2	2	231	194	
46/45			.0															1	1	112	159	
44/43																				40	155	
42/41																				11	169	
40/39		.1																	2	10	154	
38/37																				7	195	
36/35	.0																	1	1	7	144	
34/33																					132	
32/31																					15	
30/29																					134	
28/27																					96	
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		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																						

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 MARTIN AFB CALIF/SAN BERNARDINE 42-72

MONTH: NOV  
 YEARS: 1952

PERIOD: 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
26/ 25																					124
24/ 23																					97
22/ 21																					77
20/ 19																					63
18/ 17																					51
16/ 15																					26
14/ 13																					22
12/ 11																					13
10/ 9																					4
8/ 7																					15
6/ 5																					7
4/ 3																					3
2/ 1																					4
0/ -1																					2
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
-12/-13																					1
-18/-19																					2
-20/-21																					1
TOTAL	.4	2.2	3.3	1.1	7.0	9.4	7.5	7.3	6.5	7.7	9.4	10.0	9.4	6.6	5.0	2.4	.9		2682	2684	2682
Element (X)	Σx'	Σx	Σ	σ <sub>x</sub>	Nr. Obs.	Mean No. of Hours with Temperature										Total					
Rel Hum.	4689083	94453	36.0	21.335	2682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	13322274	187406	69.6	9.398	2684			54.0	36.1	15.5	.1				71						
Wet Bulb	7753205	143587	53.5	4.960	2682			1.1							60						
Dew Point	4074287	99581	37.1	1.857	2682	.3	30.7	.2							60						

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 WORTON AFB CALIF/SAN BERNARDINE 43-7

STATION NAME STATION YEARS MONTH

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

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

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	2		
90/ 89																	.3	14	14		
88/ 87																	.0	19	19		
86/ 85																	.1	23	25		
84/ 83																	.5	48	48		
82/ 81																	.9	72	72		
80/ 79						.1	.1	.1	.1	.3	.8	.9	1.2	.9	1.2	.9	.2	130	130		
78/ 77					.0	.1	.1	.2	.3	.3	.7	1.0	.7	.7	.3	.0		115	115		
76/ 75				.1	.0	.1	.2	.4	.5	.7	1.3	.7	1.0	.3	.1			143	148		
74/ 73				.0	.1	.1	.2	.5	.9	.9	1.1	1.3	1.2	.3	.1			170	178		
72/ 71				.1	.0	.1	.7	.5	.9	1.0	1.2	1.4	.6	.1				180	180		
70/ 69			.0	.0	.0	.4	1.2	1.2	.8	1.3	1.3	.7	.3					190	198	8	
68/ 67			.1	.2	.3	1.2	1.2	1.1	.8	1.0	.9	.8	.1					208	208	7	3
66/ 65			.0	.3	.9	1.3	1.5	.8	1.4	1.2	.9	.3						231	231	12	6
64/ 63			.1	.5	1.0	1.6	.9	.9	1.0	.9	.7	.1						223	226	23	3
62/ 61		.1	.3	1.5	1.5	1.6	.9	.9	.8	.3	.1							220	220	81	11
60/ 59	.1	.6	.6	1.2	1.5	1.2	.8	.9	.6	.5	.0							215	215	183	15
58/ 57	.4	1.0	1.2	1.4	1.4	1.1	.4	.4	.2	.1								167	167	329	31
56/ 55	.1	.4	.5	.7	.8	.4	.3	.2	.1									107	107	421	50
54/ 53	.0	.7	.7	.7	.4		.2	.1										77	77	376	9
52/ 51	.1	.5	.4	.2	.1	.1	.1	.1	.1									45	45	366	160
50/ 49	.6	.2	.1	.0	.1	.1	.1	.1										35	33	339	170
48/ 47	.3	.0	.0	.0	.0	.0	.0											11	11	267	225
46/ 45	.1	.0	.0	.0														4	4	147	208
44/ 43	.0																	1	1	65	185
42/ 41																				30	167
40/ 39					.0													1	1	17	151
38/ 37																				8	140
36/ 35																				7	143
34/ 33	.1	.0																3	3	2	124
32/ 31																				2	113
30/ 29																					121
28/ 27																					88
26/ 25																					125
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.										$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$						
Dry Bulb																					
Wet Bulb																					
Dew Point																					





DATA PROCESSING BRANCH  
 USAF ETAL  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MURPIN AFB CALIF/SAN BERNARDINO 42-72

NOV

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.0					1	1			
82/ 81													.1					2	2			
80/ 79												.0	.1	.0				6	6			
78/ 77												.2	.0	.0				7	7			
76/ 75												.1	.1	.0				8	8			
74/ 73					.0			.1	.0	.1	.1	.2						19	19			
72/ 71					.0	.1	.0	.2	.5	.1	.1	.1						33	33			
70/ 69				.0	.0	.2	.2	.4	.6	.1	.4	.1	.1	.0				56	56			
68/ 67				.0	.3	.1	.4	.4	.7	.4	.1	.1	.3					83	83			
66/ 65			.1	.3	.5	.6	.8	.6	.6	.4	.3	.1						116	116	1		
64/ 63			.6	1.0	.7	.8	1.0	.8	.5	.4	.2	.1						162	162	2		1
62/ 61		.1	.6	1.3	1.0	.9	1.1	.9	.6	.4	.2	.1						196	197	12		
60/ 59	.1	.5	1.8	1.1	1.7	1.7	1.3	.9	.7	.4								323	323	59	16	
58/ 57		.9	3.0	2.0	1.6	1.7	1.2	.7	.5	.1								336	334	107	24	
56/ 55	.2	1.2	2.1	2.7	1.4	1.6	1.2	.7	.4	.1								311	311	232	67	
54/ 53	.0	2.0	3.0	1.9	1.6	1.5	.7	.4	.1									303	303	320	111	
52/ 51	.0	2.0	2.6	1.5	1.8	1.2	.9	.3										276	276	344	185	
50/ 49		1.6	2.1	1.5	1.1	.6	.5	.1										200	200	377	216	
48/ 47		1.0	1.1	1.2	.7	.4	.3											124	124	324	230	
46/ 45	.0	.9	.6	.6	.3	.2	.2											75	75	311	242	
44/ 43		.2	.3	.1	.1	.3												26	26	255	236	
42/ 41	.0	.1	.2	.3	.0	.0												17	17	172	182	
40/ 39			.0	.1	.0	.1												6	6	85	163	
38/ 37		.0																1	1	45	183	
36/ 35		.1																3	3	26	147	
34/ 33		.0																1	1	15	135	
32/ 31																				2	110	
30/ 29																				1	79	
28/ 27																					74	
26/ 25																					52	
24/ 23																					51	
22/ 21																					38	
20/ 19																					42	
18/ 17																					25	
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$	$s_x$	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/NAAC

# PSYCHROMETRIC SUMMARY

23122 MARTIN AFB CALIF/SAN BERNARDINE 43-7/

NOV MONTH YEARS

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
84/ 83												.0	.0					1	1		
82/ 81												.0	.0					2	2		
80/ 79												.0						1	1		
78/ 77												.0						1	1		
76/ 75											.0							1	1		
72/ 71													.0					1	1		
70/ 69													.0					2	2		
68/ 67											.1		.0					2	3		
66/ 65					.0		.1		.1	.0	.3	.0						21	21		
64/ 63		.1	.1	.0	.0		.1	.1	.0	.1	.1							20	20		
62/ 61			.4	.2	.0	.2	.4	.3	.0	.1	.0							45	45	3	
60/ 59	.1	.5	1.0	.4	.3	.2	.5	.4	.3	.1	.1							117	110	7	6
58/ 57	.0	.9	2.2	.9	.7	1.0	.6	.4	.1	.2								186	186	40	7
56/ 55	.3	2.3	2.7	1.2	1.6	1.5	.7	.4	.1	.1								293	293	86	43
54/ 53	.1	2.7	2.8	2.0	1.6	1.0	.8	.4	.1									311	311	157	73
52/ 51	.1	3.6	3.8	2.9	1.3	1.2	.7	.7	.0									360	360	192	134
50/ 49	.1	3.3	4.5	1.8	2.5	1.1	.4	.1										372	372	273	171
48/ 47		3.6	3.2	2.4	1.9	.6	.7											332	332	373	179
46/ 45		2.0	2.5	2.5	1.7	.6												250	250	381	216
44/ 43	.1	2.0	1.8	1.3	.4	.7	.0											171	171	304	245
42/ 41	.1	1.1	1.3	1.1	.3	.3												111	111	320	246
40/ 39	.0	.7	.4	.3	.4	.1												53	53	248	227
38/ 37		.1	.2	.2	.0	.0												15	15	159	163
36/ 35		.3	.1	.0	.1	.0												15	15	72	186
34/ 33		.1	.0															3	3	44	152
32/ 31			.0															1	1	21	155
30/ 29																				5	128
28/ 27																				4	66
26/ 25																					71
24/ 23																					46
22/ 21																					43
20/ 19																					20
18/ 17																					26
16/ 15																					15
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	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) 101 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTHON AFB CALIF/SAN BERNARDINE      43-77      DEC  
 STATION      STATION NAME      YEARS      MONTH

PAGE 1      0000-0200  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
68/67									.0									1	1				
66/65									.1									2	2				
64/63							.0		.1			.0						4	6				
62/61		.1	.0			.0												4	4				
60/59			.1		.1				.1	.0								10	10	3			
58/57		.2	.1	.0		.0	.1	.1	.1	.0								16	16	4	3		
56/55		1.0	.3	.1	.1	.0	.1	.2	.2									57	57	10	9		
54/53	.3	1.8	.7	.2	.2	.1	.1	.2	.1									99	99	52	32		
52/51	.3	2.5	1.0	.4	.5	.5	.1	.1										156	152	66	44		
50/49	.2	2.5	1.5	.8	.6	.6	.3	.0										182	182	107	73		
48/47	.3	2.8	2.0	1.6	1.0	.8	.6	.1										255	256	139	95		
46/45	.3	3.8	3.4	2.7	1.1	.9	.4	.1										351	351	142	114		
44/43	.6	3.1	4.4	1.9	1.4	.9	.0											343	343	249	130		
42/41	.5	4.3	3.7	2.7	1.4	.6												367	367	307	153		
40/39	.1	4.2	3.6	2.3	1.0	.2												314	314	368	166		
38/37	.1	3.1	2.5	1.6	.5	.0	.1											219	219	354	228		
36/35	.2	3.0	1.7	1.4	.3													184	184	354	274		
34/33	.1	1.7	1.2	.8	.0													105	106	263	250		
32/31	.1	1.0	1.1	.4														73	73	152	219		
30/29	.0	.5	.3	.1														27	27	117	236		
28/27		.1	.1															5	5	63	132		
26/25		.1																2	2	16	147		
24/23																				4	114		
22/21																					107		
20/19																					71		
18/17																					57		
16/15																					51		
14/13																					25		
12/11																					14		
10/9																					13		
8/7																					7		
6/5																					1		
4/3																					2		
0/-1																					3		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 MIPTIN AFB CALIF/SAN BERNARDINO 42-72 D.C.  
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
64/ 63							.0	.0	.0	.0							5	5	5		
62/ 61		.0	.1			.0	.0	.0	.0								6	6	6		
60/ 59			.1			.0	.1	.1									11	11	11	1	
58/ 57		.0	.1	.0		.1	.1	.1									6	8	8	4	1
56/ 55	.1	.9	.1	.0		.1	.1	.1	.1								42	42	42	10	3
54/ 53	.2	1.4	.4	.2	.1	.1	.2	.3	.1								85	85	85	38	29
52/ 51	.4	2.1	1.0	.2	.3	.3	.2	.1	.1								128	128	128	63	43
50/ 49	.5	2.3	.8	.8	.3	.5	.1	.2									152	152	152	93	76
48/ 47	.3	2.7	1.0	1.0	.9	.7	.3	.1									195	196	196	104	76
46/ 45	.3	3.4	1.0	1.5	.7	.7	.3	.2									243	246	246	128	97
44/ 43	.4	3.0	3.7	1.9	1.0	.8	.3										308	348	348	188	117
42/ 41	.7	4.1	3.9	2.1	1.3	.3											343	344	344	236	116
40/ 39	.3	3.5	4.4	2.4	.9	.3											336	336	336	312	158
38/ 37	.3	3.9	3.4	2.0	.8	.0	.1										294	294	294	346	178
36/ 35	.2	4.4	2.9	1.4	.4												256	257	257	387	215
34/ 33	.1	3.1	1.7	1.3	.1												176	176	176	315	268
32/ 31	.3	1.9	1.2	.5													106	106	106	244	269
30/ 29	.1	.9	.0	.1													52	52	156	258	
28/ 27	.0	.3	.1	.1													16	16	98	159	
26/ 25		.2															5	5	35	173	
24/ 23		.1															2	2	9	125	
22/ 21																				119	
20/ 19																				80	
18/ 17																				69	
16/ 15																				53	
14/ 13																				26	
12/ 11																				20	
10/ 9																				12	
8/ 7																				12	
6/ 5																				6	
4/ 3																				1	
2/ 1																				4	
0/ -1																				4	
-2/ -3																				2	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X̄		Σ X̄		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122 NORT N AFB (ALIF/SAN BERNARDINO) 43-72

UIC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 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														
68/ 67										.0								1	1																
66/ 65											.0							1	1																
62/ 61		.0	.1			.0				.0								5	5																
60/ 59		.0	.1					.1	.1		.0							5	2	1															
58/ 57		.2	.0	.0	.2	.1	.1		.1	.0								22	22	5	1														
56/ 55	.2	.4	.2	.1	.2	.3	.3	.3	.1									56	56	14	10														
54/ 53	.1	1.4	.4	.4	.7	.3	.4	.4	.0	.0								113	113	25	21														
52/ 51	.4	.2	.6		.5	.7	.4	.1										149	149	64	38														
50/ 49	.5	2.6	1.3	.6	.9	1.0	.4	.2										216	211	110	81														
48/ 47	.4	1.9	1.7	1.7	1.1	.6	.3	.2										220	220	115	81														
46/ 45	.3	2.8	1.7	2.5	1.5	.8	.3	.1										282	284	145	75														
44/ 43	.4	3.0	2.9	2.3	1.5	.8	.3											312	312	225	111														
42/ 41	.3	2.7	3.0	2.7	1.5	.2												276	278	260	121														
40/ 39	.4	3.0	4.5	2.4	1.0	.3	.1											323	323	313	169														
38/ 37	.5	2.9	3.2	2.0	1.0	.0	.0											267	267	352	171														
36/ 35	.4	3.1	2.8	.9	.3	.0												205	206	339	232														
34/ 33	.2	2.7	1.6	.6	.1													142	143	307	230														
32/ 31	.1	1.9	1.2	.4	.0													103	103	242	270														
30/ 29	.1	.7	.7	.3														50	50	142	252														
28/ 27	.1	.4	.3	.0														23	23	67	196														
26/ 25		.2	.0															7	7	36	183														
24/ 23		.1																2	2	16	141														
22/ 21																				1	110														
20/ 19																					67														
18/ 17																					72														
16/ 15																					35														
14/ 13																					32														
12/ 11																					23														
10/ 9																					17														
8/ 7																					6														
6/ 5																					8														
4/ 3																					3														
2/ 1																					4														
0/ -1																					2														
Element (X)	Σ X'		Σ X		X̄		σ <sub>x</sub>		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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      MORTON AFB CALIF/SAN BERNARDINO      4-72

PER MONTH

PAGE 1      0900-1100  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 79										.0	.0			.0				3	3																	
78/ 77										.0	.1	.1		.1				7	7																	
76/ 75										.0	.1	.1	.1					13	13																	
74/ 73							.0	.0	.2	.3	.1	.4	.1					34	34																	
72/ 71							.1	.1	.3	.3	.5	.4	.3					55	55																	
70/ 69						.1	.1	.3	.4	.5	1.0	.2						75	75																	
68/ 67					.1	.2	.1	.6	.8	.9	1.0	.3						113	113																	
66/ 65				.1	.2	.3	.6	.8	1.0	1.1	.6	.2						131	131																	
64/ 63			.1	.0	.3	.5	.6	1.5	1.1	1.0	.3	.0						154	154	1																
62/ 61			.2	.2	.4	.9	1.4	1.5	1.3	.9	.3							196	196	4																
60/ 59		.3	.5	.5	.8	1.1	1.7	1.4	1.0	.7	.0							223	223	16																
58/ 57		.4	1.2	1.3	1.6	1.3	1.5	1.2	.6	.3								262	262	49																
56/ 55	.0	.9	1.3	1.8	1.5	1.7	1.7	1.3	.8	.0								304	304	92	28															
54/ 53	.2	1.3	2.0	2.3	1.5	1.5	1.0	.6	.2	.0								293	293	207	45															
52/ 51	.1	1.3	1.8	2.1	1.5	1.4	1.0	.8	.1									282	282	285	82															
50/ 49	.1	.9	2.1	1.8	1.8	1.1	.7	.3	.0									241	241	413	106															
48/ 47	.1	.6	1.2	1.0	.8	.7	.5	.1										143	143	424	123															
46/ 45		.5	1.3	.9	.3	.4	.0											97	97	378	167															
44/ 43	.1	.5	.7	.5	.4	.2		.0										67	67	302	208															
42/ 41	.2	.4	.3	.4	.2	.2												48	48	252	225															
40/ 39	.1	.1	.1	.2		.1												18	18	178	208															
38/ 37	.1	.0	.1	.1	.1	.0												12	12	92	191															
36/ 35		.0	.1															3	3	53	194															
34/ 33		.1	.0	.0														4	4	21	190															
32/ 31			.0															1	1	7	169															
30/ 29																				5	142															
28/ 27																				3	150															
26/ 25																					110															
24/ 23																					101															
22/ 21																					77															
20/ 19																					62															
18/ 17																					53															
16/ 15																					48															
14/ 13																					33															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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) 1-64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION NDRT. N AFB CALIF/SAN BERNARDINO STATION NAME 43-72 YEARS DEC 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
86/ 85												.2		.0		.0		1	1		
84/ 83														.0		.0		9	9		
82/ 81												.0	.0	.1	.1			9	9		
80/ 79											.3	.1	.3	.2	.2			30	30		
78/ 77											.3	.5	.8	.6	.1			71	71		
76/ 75								.0	.0	.3	.3	.6	.7	1.0	.9			111	111		
74/ 73						.0	.2	.0	.3	.4	1.0	1.2	1.2	.1				124	124		
72/ 71						.2	.0	.3	.6	.9	1.9	1.7	.5	.1				172	172		
70/ 69				.0	.1	.1	.5	.4	1.0	1.3	1.9	1.8	.4					212	212		
68/ 67					.1	.3	.6	.6	1.9	1.8	2.0	.6	.0		.0			213	213		
66/ 65				.0	.3	.6	.7	1.5	1.5	1.4	1.2	.3						211	211		
64/ 63			.1	.1	.6	1.0	1.0	1.4	.9	1.4	.9	.2						209	209	8	
62/ 61		.1	.4	.8	1.3	1.3	.8	1.0	1.2	1.2	.3							229	229	22	
60/ 59		.3	.9	1.6	1.5	1.3	1.0	1.0	1.2	.6	.1							263	264	55	9
58/ 57		.3	.6	1.7	1.0	1.1	.7	.6	.7	.3								217	217	101	8
56/ 55		.6	.9	1.2	1.6	.9	1.4	.8	.6									218	218	247	39
54/ 53	.1	1.0	.5	1.1	1.5	.8	.8	.5	.7									191	191	320	50
52/ 51	.0	.5	.6	1.1	.6	.5	.5	.2	.2									120	120	491	84
50/ 49	.1	.6	.6	.4	.3	.4	.2	.1										74	74	444	144
48/ 47	.0	.4	.3	.5	.0	.2	.1											44	44	352	145
46/ 45		.4			.2	.1	.1											21	21	292	143
44/ 43		.3	.0	.1	.0	.1	.0											15	15	206	176
42/ 41		.1	.0	.1		.0	.1											11	11	120	191
40/ 39																				53	167
38/ 37		.0																1	1	42	162
36/ 35																				15	160
34/ 33																				5	145
32/ 31		.1																2	2	3	156
30/ 29																				2	133
28/ 27																					131
26/ 25																					134
24/ 23																					108
22/ 21																					117
20/ 19																					89
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR HEATER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23122 STATION MARTIN AFB CALIF/SAN BERNARDINO 43-72 YEARS MONTH DEC

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																.1		4	4		
82/ 81											.0	.1	.1	.1	.2			7	7		
80/ 79											.0	.1	.1	.2	.1	.0		17	18		
78/ 77									.1	.1	.2	.1	.5	.5	.1			43	43		
76/ 75								.1	.3	.4	.3	.5	.3					53	53		
74/ 73						.0	.1	.1	.3	.5	.8	.9	.9	.2				107	107		
72/ 71						.2	.1	.2	.1	.4	.6	1.2	1.1	.6	.0			117	117		
70/ 69					.2	.1	.2	.5	1.2	1.0	1.7	1.2	.2					172	172		
68/ 67					.1	.4	.8	.7	1.0	1.6	1.4	1.3	.6					173	173		
66/ 65				.1	.4	.8	.7	1.0	1.6	1.7	1.2	.1						209	209		
64/ 63			.0	.1	.5	.9	.9	1.3	1.3	1.2	.6	.1						192	192	5	
62/ 61		.1	.3	.9	1.3	.9	1.0	1.1	1.2	1.1	.3							227	227	13	
60/ 59		.3	.9	1.1	2.2	1.3	1.2	1.1	1.5	.7	.0							286	286	35	4
58/ 57		.4	1.1	1.5	1.8	1.2	.8	.9	.9	.3								247	247	97	7
56/ 55	.1	.8	1.6	1.8	1.5	1.0	.9	1.3	.5	.1								263	263	203	36
54/ 53	.2	1.1	1.1	1.6	1.6	.9	1.0	.5	.4									231	231	329	65
52/ 51		.6	.7	1.3	.0	.7	.8	.4	.1									151	151	406	105
50/ 49	.1	.9	1.1	1.0	.5	.5	.4	.1										131	131	450	134
48/ 47	.1	.6	.6	.3	.2	.3	.2	.1										67	67	394	154
46/ 45	.1	.5	.1	.2	.1	.2												34	34	306	189
44/ 43	.1	.3	.2	.0	.0													16	16	235	199
42/ 41			.1	.0	.1	.1	.1											11	11	139	182
40/ 39			.1	.0	.1	.0												8	8	82	181
38/ 37		.0		.0														2	2	38	169
36/ 35		.0																1	1	23	140
34/ 33																				8	136
32/ 31																				3	139
30/ 29																				4	121
28/ 27																					114
26/ 25																					125
24/ 23																					130
22/ 21																					106
20/ 19																					87
18/ 17																					63
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDINO      43-72      DEC  
STATION      STATION NAME      YEARS      MONTH

FACE 2      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
16/ 15																					46
14/ 13																					36
12/ 11																					33
10/ 9																					20
8/ 7																					17
6/ 5																					7
4/ 3																					3
2/ 1																					2
0/ -1																					5
-2/ -3																					1
-4/ -5																					1
-8/ -9																					1
TOTAL	.7	5.5	8.0	10.0	11.2	9.3	9.0	9.4	11.0	9.1	7.8	4.7	2.7	1.3	.1	.2		2770	2770	2770	2770
																		2770		2770	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	6974393	123469	44.6	23.048	2770							
Dry Bulb	10394192	168222	60.7	8.019	2770			23.3	7.8	.7		93
Wet Bulb	6696221	135463	48.9	5.085	2770			.2				92
Dew Point	3838539	97991	35.4	1.591	2770	.3	35.7					91

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122      NORTON AFB CALIF/SAN BERNARDING      43-72      DEC  
 STATION      STATION NAME      YEARS      MONTH  
 PAGE 1      1800-2000  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73										.0								1	1					
70/ 69								.0	.0	.0	.1							5	5					
68/ 67								.0	.0		.1							4	4					
66/ 65					.1	.1	.1	.1	.2	.3								23	23					
64/ 63					.0	.0	.2	.1	.3	.2	.1							28	28					
62/ 61		.1	.1	.1	.1	.2	.5	.5	.3	.3	.1							61	61					
60/ 59		.2	.4	.4	.5	.5	.7	.6	.5	.2	.0							111	111	3	3			
58/ 57		.4	.7	.4	.9	1.0	1.2	.9	.6	.2								173	173	13	2			
56/ 55	.1	1.4	1.7	1.6	1.4	1.6	1.2	.5	.2									265	265	42	14			
54/ 53	.3	1.7	2.3	2.1	2.0	1.5	1.4	.6	.3									334	334	67	51			
52/ 51	.2	2.3	3.0	2.7	1.9	1.7	1.2	.6	.2									382	384	174	68			
50/ 49	.3	2.2	3.5	2.5	2.1	1.7	1.1	.4	.0									380	381	256	124			
48/ 47	.1	2.4	3.7	2.1	1.7	1.3	.5	.1										329	329	338	121			
46/ 45	.1	2.5	2.5	2.1	1.2	1.0	.3	.0										267	269	407	166			
44/ 43	.0	2.0	2.1	1.0	.8	.3	.1	.0										175	175	424	231			
42/ 41	.0	1.1	1.0	.9	.5	.2												103	104	366	242			
40/ 39		.4	.8	.7	.4	.1												65	65	271	267			
38/ 37		.1	.5	.4	.1	.0												34	34	173	201			
36/ 35		.2	.3	.1	.0													15	15	108	225			
34/ 33	.0	.1	.1	.1														10	10	61	167			
32/ 31		.0																1	1	28	167			
30/ 29																				14	133			
28/ 27																				3	121			
26/ 25																					120			
24/ 23																					85			
22/ 21																					58			
20/ 19																					47			
18/ 17																					54			
16/ 15																					31			
14/ 13																					21			
12/ 11																					11			
10/ 9																					17			
8/ 7																					6			
6/ 5																					6			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23122 STATION      NORTON AFB CALIF/SAN BERNARDINO      STATION NAME      43-72      YEARS      DEC      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			
4/ 3																					1			
2/ 1																					2			
0/ -1																					4			
-12/-13																					1			
-18/-19																					1			
TOTAL	1.1	17.2	22.5	17.0	13.7	11.2	8.4	4.0	2.6	1.2	.3	.2						2768	2772	2768	2768			
Element (X)	Σx'		Σx		$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	11798231		171127		61.8	20.986	2768	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total										
Dry Bulb	7172484		140070		50.5	5.846	2772		.0	.2	.0			93										
Wet Bulb	5473324		122222		44.2	5.260	2768		1.5					93										
Dew Point	3903900		100266		36.2	9.914	2768	.2	29.8					93										

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23122      NORTHON AFB CALIF/SAN BERNARDINO      43-72      DEC  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      2100-2360  
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	DB W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65								.1	.1									5	5		
64/ 63								.1	.1									3	3		
62/ 61		.1			.1			.0	.0	.1								9	9		
60/ 59		.0	.1	.1	.1		.0	.0	.2	.1								15	18	3	1
58/ 57	.0	.2	.2	.0	.1	.1		.3	.3									37	37	7	5
56/ 55	.1	1.3	.3	.3	.3	.2	.2	.4	.0	.0								85	85	18	6
54/ 53	.1	1.9	.8	.4	.5	.5	.3	.1	.1									128	128	46	44
52/ 51	.3	2.8	1.3	1.0	1.0	.6	.6	.2	.0									227	221	95	42
50/ 49	.4	2.9	2.5	2.2	1.7	1.2	.6	.4	.0									333	333	134	91
48/ 47	.2	3.1	3.1	2.9	1.9	1.4	.5	.1										366	366	165	92
46/ 45	.2	3.5	4.3	2.8	1.7	1.3	.3											392	392	237	132
44/ 43	.2	3.6	4.0	2.5	1.5	.6	.1	.0										348	348	331	160
42/ 41	.2	3.4	3.2	1.8	1.2	.4	.0											284	285	386	178
40/ 39	.2	3.5	2.4	1.3	.9	.1	.0											233	233	403	243
38/ 37	.1	1.6	1.6	1.2	.4	.1												137	137	351	254
36/ 35	.0	1.3	1.1	.9	.3													100	100	250	285
34/ 33	.0	.4	.7	.4	.0													41	41	166	219
32/ 31		.4	.3	.1														22	22	84	192
30/ 29	.1	.2	.0	.0														9	9	64	176
28/ 27																				26	136
26/ 25																				4	102
24/ 23																					118
22/ 21																					84
20/ 19																					60
18/ 17																					50
16/ 15																					30
14/ 13																					27
12/ 11																					17
10/ 9																					5
8/ 7																					6
6/ 5																					3
4/ 3																					2
2/ 1																					2
0/ -1																					2
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/IIAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

STATION	STATION NAME	YEARS												
HRS II ST I		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	42.3	45.3	47.0	50.6	54.4	58.8	64.9	65.7	62.3	55.2	48.1	43.2	53.2
	S D	6.600	6.385	5.143	5.105	4.131	4.225	4.888	4.961	5.541	5.390	6.264	6.132	9.695
	TOTAL OBS	2681	2431	2722	2599	2778	2654	2744	2786	2603	2780	2694	2776	32248
03-05	MEAN	40.7	43.3	45.0	48.5	52.3	56.2	61.3	62.6	59.6	52.9	46.2	41.7	50.9
	S D	7.006	6.522	5.671	5.435	4.515	4.107	5.019	5.141	5.724	5.748	6.445	6.426	9.389
	TOTAL OBS	2686	2501	2775	2602	2768	2647	2732	2783	2603	2776	2691	2775	32341
06-08	MEAN	41.2	44.5	47.5	52.9	57.6	62.0	68.3	68.1	64.7	56.7	48.5	42.6	54.6
	S D	7.152	6.704	6.544	6.878	6.186	6.446	7.150	6.898	8.199	7.577	7.309	6.659	11.724
	TOTAL OBS	2730	2520	2775	2603	2771	2647	2729	2785	2604	2773	2692	2785	32414
09-11	MEAN	54.7	57.6	59.8	64.5	68.1	73.8	83.2	82.9	80.0	71.8	63.3	56.3	68.0
	S D	8.271	7.858	8.204	9.618	9.286	9.872	7.946	8.074	10.253	9.873	8.571	7.666	13.262
	TOTAL OBS	2725	2519	2767	2598	2771	2647	2734	2784	2609	2775	2689	2779	32397
12-14	MEAN	61.7	64.6	66.3	71.1	75.5	82.5	92.4	92.2	88.8	79.4	69.5	62.7	75.6
	S D	9.158	9.174	9.557	10.877	9.994	10.273	6.267	6.886	9.627	10.160	9.398	8.220	14.258
	TOTAL OBS	2726	2515	2768	2599	2777	2653	2743	2784	2603	2772	2684	2779	32403
15-17	MEAN	60.2	63.4	65.6	70.2	74.9	82.1	91.0	90.6	86.8	77.1	67.1	60.7	74.2
	S D	8.894	8.855	9.547	10.624	9.434	9.223	5.641	6.179	8.658	9.596	8.784	8.019	13.943
	TOTAL OBS	2722	2506	2756	2597	2771	2654	2736	2780	2607	2777	2685	2770	32361
18-20	MEAN	50.6	54.0	57.4	61.4	65.9	72.1	80.2	79.5	75.5	66.6	56.8	50.5	64.3
	S D	7.058	6.693	6.954	7.939	7.352	7.816	6.137	6.091	7.520	7.291	6.650	5.846	12.412
	TOTAL OBS	2714	2518	2767	2597	2774	2649	2741	2784	2606	2774	2690	2772	32386
21-23	MEAN	45.0	48.3	50.7	54.6	58.6	63.9	71.0	71.0	67.0	58.9	50.7	45.5	57.1
	S D	6.499	5.857	4.970	5.363	4.668	5.387	4.998	5.073	5.890	5.602	5.751	5.739	10.600
	TOTAL OBS	2698	2489	2747	2602	2771	2652	2744	2779	2609	2782	2690	2772	32335
ALL HOURS	MEAN	49.6	52.8	54.9	59.2	63.4	68.9	76.6	76.6	73.1	64.8	56.3	50.4	62.3
	S D	11.080	10.876	10.786	11.531	11.143	12.148	12.628	12.351	13.184	12.475	11.514	10.523	15.057
	TOTAL OBS	21682	19999	22077	20797	22181	21203	21903	22265	20844	22211	21515	22208	258885

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.6	41.6	43.7	47.4	51.1	55.1	59.4	60.3	56.9	50.3	43.3	39.3	49.0
	S D	6.600	6.162	5.126	4.784	4.076	3.601	3.871	4.096	4.804	5.650	6.011	6.151	9.046
	TOTAL OBS	2681	2426	2713	2599	2776	2654	2744	2789	2603	2777	2692	2772	32220
03-05	MEAN	37.3	40.0	42.1	45.6	49.5	53.2	57.1	58.1	54.7	48.4	41.8	38.0	47.2
	S D	6.785	6.412	5.599	5.307	4.584	3.993	4.520	4.775	5.386	6.079	6.225	6.373	9.036
	TOTAL OBS	2683	2490	2767	2602	2764	2644	2732	2780	2603	2778	2690	2769	32304
06-08	MEAN	37.5	40.6	43.4	48.0	52.4	56.4	60.4	60.7	57.1	50.3	43.0	38.4	49.0
	S D	6.847	6.250	5.498	5.079	4.035	3.705	4.344	4.591	5.410	5.977	6.310	6.364	9.752
	TOTAL OBS	2722	2506	2766	2602	2770	2646	2729	2781	2604	2769	2682	2774	32356
09-11	MEAN	45.7	47.9	49.8	53.3	56.8	60.9	65.6	66.2	63.3	57.3	51.1	46.7	55.4
	S D	5.693	5.188	4.561	4.950	4.482	4.227	3.870	3.925	4.483	4.499	4.944	5.282	8.506
	TOTAL OBS	2719	2514	2763	2596	2770	2648	2734	2782	2609	2774	2683	2779	32373
12-14	MEAN	48.8	50.9	52.5	55.8	59.3	63.5	67.9	68.5	65.8	59.7	53.5	49.5	58.0
	S D	5.319	5.271	4.910	5.438	4.828	4.400	3.851	4.058	4.381	4.459	4.960	5.036	8.379
	TOTAL OBS	2724	2515	2767	2599	2777	2653	2743	2784	2603	2771	2682	2778	32396
15-17	MEAN	45.4	50.8	52.5	56.0	59.7	64.1	68.2	68.8	65.8	59.4	52.8	48.9	58.0
	S D	5.435	5.293	5.042	5.471	4.887	4.178	3.341	3.623	4.116	4.507	5.048	5.085	8.550
	TOTAL OBS	2722	2505	2756	2597	2771	2653	2736	2780	2607	2777	2683	2770	32359
18-20	MEAN	44.2	47.6	50.0	53.2	56.7	61.2	65.4	65.9	63.0	56.6	48.8	44.2	54.8
	S D	5.895	5.364	4.856	5.021	4.450	3.943	3.154	3.406	4.125	4.830	5.421	5.260	8.945
	TOTAL OBS	2714	2518	2763	2597	2774	2649	2741	2783	2606	2773	2689	2768	32377
21-23	MEAN	40.8	43.9	46.5	50.0	53.6	57.9	62.3	62.8	59.7	52.7	45.3	41.0	51.4
	S D	6.266	5.684	4.724	4.548	3.884	3.499	3.219	3.487	4.414	5.211	5.592	5.725	9.058
	TOTAL OBS	2677	2487	2746	2603	2770	2652	2744	2776	2609	2779	2689	2770	32322
ALL HOURS	MEAN	42.7	45.4	47.6	51.2	54.9	59.0	63.3	63.9	60.8	54.4	47.5	43.2	52.9
	S D	7.593	7.078	6.400	6.288	5.669	5.436	5.402	5.503	6.146	6.676	7.107	7.193	9.766
	TOTAL OBS	21662	19961	22043	20727	22172	21199	21903	22249	20846	22198	21492	22185	258707

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23122 NORTON AFB CALIF/SAN BERNARDINO 43-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	33.3	36.7	39.8	44.2	48.1	52.4	55.8	56.8	52.9	45.4	37.3	33.6	44.8
	S D	9.789	9.533	7.963	6.296	5.629	4.295	4.796	5.004	6.816	9.136	9.903	9.449	11.203
	TOTAL OBS	2681	2426	2713	2599	2776	2653	2743	2783	2603	2776	2692	2772	32217
03-05	MEAN	32.2	35.4	38.4	42.6	46.9	50.8	54.0	54.9	50.8	43.7	36.0	32.5	43.2
	S D	9.889	9.679	8.235	6.969	6.022	4.963	5.644	5.893	7.498	9.353	9.835	9.611	11.275
	TOTAL OBS	2683	2490	2767	2602	2767	2644	2732	2780	2605	2778	2690	2768	32302
06-08	MEAN	32.0	35.2	38.5	43.3	48.0	52.2	55.1	55.8	51.4	44.0	36.2	32.3	43.7
	S D	9.877	9.536	8.168	6.986	5.975	4.933	5.881	6.018	7.532	9.277	9.748	9.544	11.607
	TOTAL OBS	2722	2506	2766	2602	2771	2646	2729	2781	2604	2769	2681	2779	32336
09-11	MEAN	34.6	37.0	39.3	43.3	47.9	52.1	54.9	56.3	52.3	45.3	38.3	35.4	44.7
	S D	10.968	10.719	9.730	8.679	7.525	6.458	7.383	7.141	8.396	10.020	10.684	10.445	11.854
	TOTAL OBS	2718	2513	2763	2598	2770	2648	2734	2782	2609	2774	2682	2779	32370
12-14	MEAN	33.7	36.1	38.6	42.3	47.1	50.9	53.0	54.6	50.8	43.8	37.1	34.5	43.6
	S D	12.089	11.660	10.484	10.087	8.179	7.642	8.717	8.426	9.428	10.707	11.657	11.704	12.523
	TOTAL OBS	2721	2515	2767	2599	2777	2653	2743	2784	2603	2771	2682	2778	32393
15-17	MEAN	34.5	37.3	39.9	44.1	48.7	52.6	54.9	56.4	52.5	45.7	38.4	35.4	45.1
	S D	12.129	11.692	10.708	9.211	7.598	6.669	7.230	7.187	8.456	10.544	11.880	11.591	12.366
	TOTAL OBS	2717	2505	2736	2597	2771	2653	2736	2780	2607	2777	2685	2770	32354
18-20	MEAN	36.0	39.5	42.4	46.1	49.7	54.2	56.7	58.1	55.0	48.4	40.2	36.2	46.9
	S D	10.943	10.633	9.686	7.547	6.752	5.091	5.609	5.649	7.237	9.619	10.682	9.914	11.479
	TOTAL OBS	2714	2518	2765	2597	2774	2649	2740	2783	2606	2773	2689	2768	32376
21-23	MEAN	34.9	38.5	41.9	45.8	49.6	53.8	56.9	57.9	54.6	47.1	38.8	34.9	46.3
	S D	9.905	9.473	7.910	6.178	5.528	4.194	4.646	4.852	6.610	9.032	9.987	9.360	11.091
	TOTAL OBS	2697	2487	2746	2603	2770	2652	2743	2776	2609	2779	2689	2770	32321
ALL HOURS	MEAN	33.9	37.0	39.9	44.0	48.2	52.4	55.2	56.4	52.5	45.4	37.8	34.4	44.8
	S D	10.819	10.501	9.288	7.967	6.786	5.762	6.490	6.481	7.939	9.855	10.581	10.325	11.750
	TOTAL OBS	21653	19960	22043	20797	22172	21198	21900	22249	20846	22197	21490	22184	258609

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

23122  
 STATION

NURTON AFB CALIF/SAN BERNARDINO  
 STATION NAME

43-72  
 PERIOD

ALL  
 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	99.5	92.4	84.1	75.9	66.4	55.9	42.8	27.3	11.8	61.3	21652
FEB		99.6	92.2	84.5	76.6	67.4	57.0	44.6	28.7	10.4	61.7	19959
MAR		99.4	92.9	86.3	79.4	70.4	59.7	47.6	31.1	11.1	63.4	22042
APR		99.2	94.1	88.3	80.8	71.0	59.6	46.1	27.3	8.8	63.1	20796
MAY		99.6	95.9	90.4	81.7	70.8	58.4	44.6	25.7	7.2	63.1	22172
JUN		99.7	95.8	88.3	79.0	67.3	54.9	41.4	24.5	4.7	61.2	21198
JUL		99.7	93.4	80.5	65.9	53.5	40.6	26.9	13.9	2.3	53.2	21900
AUG		99.8	93.1	83.2	69.7	56.6	43.5	29.0	15.2	2.9	55.0	22249
SEP		99.1	92.0	80.5	69.3	57.0	43.6	30.7	17.9	4.1	55.0	20844
OCT		98.8	89.7	80.8	70.9	59.6	48.1	35.9	21.3	5.8	56.7	22196
NOV		98.9	90.4	80.2	70.9	60.0	47.6	35.5	20.9	6.3	56.7	21491
DEC		99.6	93.4	84.7	75.0	65.1	53.2	39.8	24.6	8.9	60.1	22184
TOTALS		99.4	93.1	84.3	74.6	63.8	51.8	38.7	23.2	7.0	59.2	258683





























DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

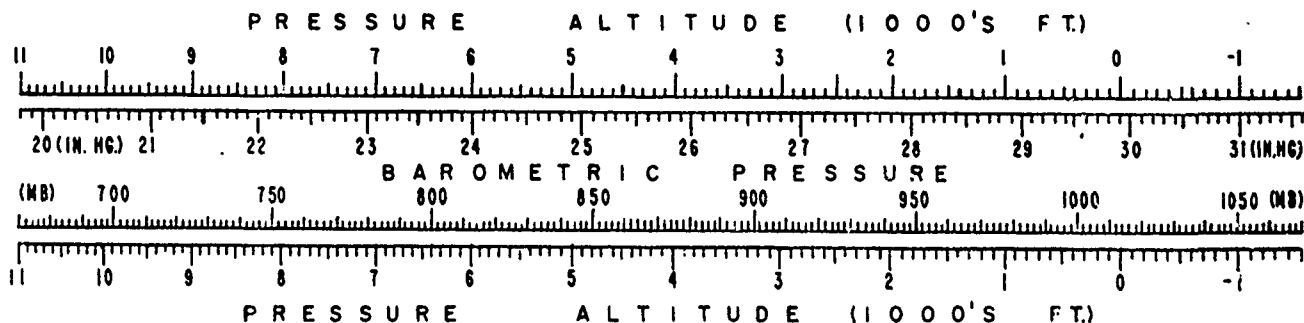
## PART F

## 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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure 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.



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23122      NORTON AFB CALIF/SAN BERNARDINO      46-63,65-72

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB.	MAR	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28.871	28.853	28.808	28.776	28.739	28.699	28.714	28.716	28.692	28.757	28.830	28.854	28.776
	S D	.124	.117	.111	.092	.075	.072	.063	.067	.072	.090	.104	.124	.114
	TOTAL OBS	770	698	770	714	771	735	761	805	750	803	777	803	9157
04	MEAN	28.859	28.835	28.780	28.760	28.727	28.692	28.709	28.707	28.681	28.744	28.818	28.843	28.764
	S D	.124	.118	.111	.093	.076	.074	.065	.068	.073	.091	.104	.125	.113
	TOTAL OBS	770	698	769	713	769	734	754	805	747	801	776	802	9138
07	MEAN	28.876	28.854	28.813	28.787	28.750	28.715	28.733	28.730	28.706	28.768	28.841	28.862	28.786
	S D	.126	.121	.113	.095	.076	.075	.066	.070	.074	.093	.105	.126	.114
	TOTAL OBS	770	697	770	714	769	734	755	805	748	801	779	804	9146
10	MEAN	28.907	28.873	28.826	28.793	28.752	28.712	28.724	28.728	28.707	28.774	28.854	28.886	28.795
	S D	.121	.118	.110	.093	.076	.074	.064	.068	.073	.091	.103	.125	.118
	TOTAL OBS	769	696	768	714	770	733	756	801	749	801	777	804	9138
13	MEAN	28.837	28.817	28.779	28.754	28.717	28.679	28.687	28.684	28.656	28.718	28.792	28.819	28.745
	S D	.117	.112	.106	.092	.074	.072	.063	.067	.073	.098	.100	.121	.111
	TOTAL OBS	767	696	768	714	770	735	759	805	750	800	776	802	9142
16	MEAN	28.823	28.793	28.747	28.719	28.685	28.648	28.652	28.648	28.625	28.695	28.776	28.807	28.718
	S D	.118	.111	.104	.091	.074	.072	.063	.067	.073	.089	.098	.121	.114
	TOTAL OBS	763	692	762	712	769	735	757	801	749	801	771	795	9107
19	MEAN	28.852	28.821	28.775	28.745	28.709	28.667	28.675	28.674	28.657	28.733	28.809	28.838	28.746
	S D	.122	.115	.108	.093	.076	.075	.067	.070	.075	.091	.101	.123	.117
	TOTAL OBS	766	698	766	714	768	734	760	805	748	802	777	800	9138
22	MEAN	28.878	28.849	28.810	28.782	28.747	28.708	28.721	28.717	28.694	28.763	28.835	28.861	28.780
	S D	.123	.118	.109	.092	.074	.073	.065	.068	.074	.091	.103	.124	.114
	TOTAL OBS	764	697	765	714	769	735	761	802	750	803	777	801	9138
ALL HOURS	MEAN	28.863	28.837	28.793	28.764	28.728	28.690	28.702	28.700	28.677	28.744	28.820	28.846	28.764
	S D	.124	.119	.112	.095	.079	.077	.069	.073	.078	.095	.105	.126	.117
	TOTAL OBS	6139	5572	6138	5709	6135	5875	6063	6429	5981	6412	6210	6411	73104

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

23122      MORTON AFB CALIF/SAN BERNARDINO      43-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN S D TOTAL OBS	1019.2 4.198 894	1018.3 3.992 811	1016.7 3.780 893	1015.3 3.041 836	1014.0 2.475 908	1012.3 2.237 885	1012.5 1.949 915	1012.4 2.027 929	1011.6 2.313 870	1014.6 3.017 927	1017.5 3.489 897	1018.7 4.297 924	1015.2 4.116 10691
0	MEAN S D TOTAL OBS	1018.9 4.163 893	1017.7 4.015 812	1016.1 3.758 893	1014.9 3.030 836	1013.6 2.507 905	1012.1 2.273 882	1012.4 2.000 908	1012.2 2.049 929	1011.5 2.313 867	1014.2 3.054 925	1017.2 3.504 897	1018.3 4.290 922	1014.9 4.061 10669
07	MEAN S D TOTAL OBS	1019.6 4.298 893	1018.6 4.106 811	1017.1 3.798 894	1015.9 3.089 838	1014.6 2.539 906	1013.1 2.309 885	1013.3 2.032 910	1013.2 2.112 928	1012.6 2.336 868	1015.3 3.111 920	1018.2 3.525 899	1019.2 4.376 927	1015.9 4.081 10679
10	MEAN S D TOTAL OBS	1020.5 4.076 894	1019.1 4.004 810	1017.4 3.727 891	1016.0 3.031 836	1014.5 2.531 906	1012.9 2.324 885	1012.9 2.021 912	1012.9 2.108 927	1012.4 2.405 869	1015.3 3.096 923	1018.4 3.452 896	1019.9 4.348 928	1016.0 4.279 10679
13	MEAN S D TOTAL OBS	1016.0 3.955 892	1017.0 3.798 808	1015.7 3.580 891	1014.6 3.005 837	1013.2 2.504 907	1011.6 2.312 885	1011.5 2.012 915	1011.3 2.106 928	1010.5 2.423 868	1013.1 3.013 925	1016.1 3.339 893	1017.4 4.135 925	1014.1 3.998 10674
16	MEAN S D TOTAL OBS	1017.6 3.914 885	1016.2 3.723 806	1014.4 3.477 885	1013.4 2.934 835	1012.2 2.473 904	1010.6 2.269 886	1010.4 1.987 912	1010.1 2.060 923	1009.6 2.379 869	1012.5 3.017 923	1015.7 3.306 891	1017.1 4.144 918	1013.3 4.105 10637
19	MEAN S D TOTAL OBS	1018.8 4.121 887	1017.4 3.874 812	1015.7 3.606 890	1014.5 2.952 836	1013.1 2.461 904	1011.4 2.289 883	1011.4 2.045 914	1011.2 2.049 929	1010.9 2.384 868	1014.1 3.016 926	1017.1 3.396 896	1018.4 4.258 923	1014.5 4.210 10668
22	MEAN S D TOTAL OBS	1019.5 4.164 889	1018.3 3.980 811	1016.8 3.729 889	1015.6 3.009 836	1014.4 2.432 905	1012.7 2.255 885	1012.8 1.955 916	1012.5 2.034 926	1012.0 2.373 871	1014.9 3.025 924	1017.8 3.460 898	1019.0 4.280 925	1013.5 4.094 10675
ALL HOURS	MEAN S D TOTAL OBS	1019.0 4.203 7127	1017.8 4.029 6481	1016.3 3.778 7126	1015.0 3.118 6692	1013.7 2.610 7245	1012.1 2.415 7076	1012.2 2.196 7302	1012.0 2.275 7419	1011.4 2.550 6950	1014.2 3.182 7393	1017.3 3.546 7167	1018.5 4.353 7394	1014.9 4.207 85372