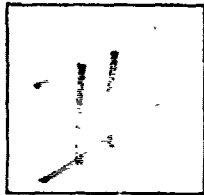


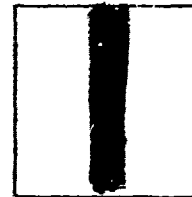
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USAFETAC/DS-79-113

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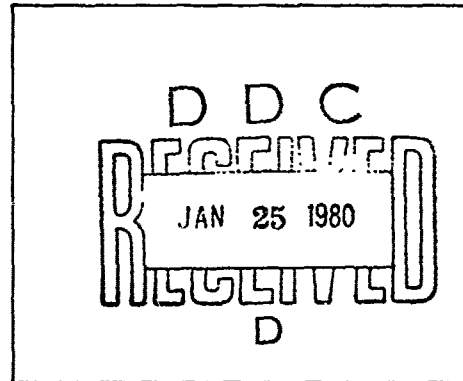
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USAFETAC/DS-79/113

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USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

MARCH AFB/RIVERSIDE CA WMO# 23119  
N 33 54 W 117 15 FLD ELEV 1532 FT RIV WMO # 72266

PARTS A-F

FOR FROM HOURLY OBS: SEP 66 - DEC 70, JAN 73 - AUG 78  
FOR FROM DAILY OBS: SEP 45 - AUG 78

NOV 28 1978

FEDERAL BUILDING  
ASHEVILLE, N. C.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 79/113	2 GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- MARCH AFB, RIVERSIDE CALIFORNIA		5 TYPE OF REPORT & PERIOD COVERED Final rept.
		6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 28 NOV 78
		13 NUMBER OF PAGES p.
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report)  UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16 DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.		
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 MARCH AFB, RIVERSIDE, 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)		

131  
CUR

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

\* CALIFORNIA

\* MARCH 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.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## 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, 0200-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

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

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NUMBER		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEVATION		CALL SIGN		WMO NUMBER	
23119		MARCH AFB/RIVERSIDE CA		N 33 54		W 117 15		1532 ft		SIV		72286	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT BARD.					
1	March AFB CA	AFB	Sep 48	Feb 53	N 30 54	W 117 15	N/A	1528 ft	24				
2	Same	Same	Mar 53	Apr 55	N 33 54	Same	1537 ft	1529 ft	24				
3	Same	Same	May 55	Mar 56	Same	Same	1536 ft	Same	24				
4	Same	Same	Apr 56	Mar 57	Same	Same	Same	1530 ft	24				
5	Same	Same	Apr 57	Jul 58	Same	Same	1542 ft	Same	24				
6	Same	Same	Aug 58	Mar 65	Same	Same	Same	1511 ft	24				
7	Same	Same	Apr 65	Dec 70	Same	Same	Same	1514 ft	24				
8	Same	Same	Jan 71	Aug 78	Same	Same	1532 ft	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	Sep 48	N/A	Anemometer	N/A	N/A	
2	Mar 53	Located on top of tower on operations bldg.	Selsyn	ML-144D	60 ft	
3	May 55	Same	Same	ML-336A	77 ft	
4	Apr 56	Same	Same	ML-144B	Same	
5	Apr 58	Located 750 ft, ESE of runway 31 and N of taxiway 2.	GMQ-11	RC-2	13 ft	
6	Apr 60	Located 1500 ft N of the intersection of runway 31 and runway pad 1.	Same	Same	Same	
7	Apr 63	Located 1650 ft from the approach end of runway 31 and 675 ft NE of Centerline.	GMQ-11	RC-2	13 ft	

NUMBER Or LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	
8	Apr 65	1. Located 1500 ft from end and 500 ft off the centerline of runway 31.	Same	Same	Same
		2. Located 1500 ft from end and 500 ft off the centerline of runway 13.	Same	Same	Same
9	Apr 66	1. Located 1950 ft down and 625 ft off centerline of runway 31.	Same	Same	Same
		2. Located 1500 ft down and 500 ft off centerline of runway 13.	Same	Same	Same
10	Apr 67	1. Located 1500 ft down and 500 ft off centerline of runway 31.	Same	Same	Same
		2. Located 1500 ft down and 500 ft off centerline of runway 13.	Same	Same	Same
11	Jan 71	1. Located 1581 ft down and 500 ft off centerline of runway 31.	Same	Same	Same
		2. Located 1581 ft down and 500 ft off centerline of runway 13.	Same	Same	Same
12	Aug 78	1. Same	Same	Same	Same
		2. Same	Same	Same	Same

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A

## PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

3

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IR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

23110 STATION NAME CA/KI/VERDIE YEARS 73-74 MONTH JA

PERCENTAGE FREQUENCY OF WEATHER CONDITIONS FROM ALL OBSERVATIONS

MONTH	HOURS OBS.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAZE	% OF OBS WITH PRECP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JA	00-07		6.0				6.9	23.7	0.0			21.1	930
	08-14		8.0				8.0	24.7	1.5			32.0	930
	15-21		6.9				6.9	28.7	2.3			31.7	930
	22-28		6.5				6.5	14.1	13.3			22.2	930
	00-07		7.0		.1		7.7	3.5	11.2			14.3	930
	08-14	.1	7.8		.1		7.8	4.1	17.2			19.0	929
	15-21		9.2				9.2	7.0	21.0			24.2	930
	22-28		8.8				8.8	14.5	21.2			27.5	930
TOTALS		.0	8.0		.0		8.0	15.0	15.1			25.4	7439

DATA PROCESSING CENTER  
 3544 LTAC  
 AIR WEATHER SERVICE/ AF

**WEATHER CONDITIONS**

2311 STATION      FARCH AF CA/IVERSIDE      7-73-70      YEARS      MONTH

PERCENTAGE FREQUENCY OF WEATHER CONDITIONS FROM 1 HOUR OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
01	00-02		8.3		.1		8.4	26.1	27.0			55.1	640
	03-05	.1	8.2				8.2	31.7	17.3			50.0	640
	06-08	.1	8.3		.1		8.3	33.2	17.1			50.1	640
	09-11	.1	8.3				8.3	15.1	17.3			47.7	640
	12-14		7.2				7.2	3.1	17.2			16.7	616
	15-17	.1	9.0				9.0	2.1	22.7			24.2	640
	18-20	.1	7.9				7.9	4.0	23.0			29.9	640
	21-23		8.9				8.9	13.0	26.0			40.6	640
TOTALS		.1	8.0		.0		8.0	16.1	20.9			30.3	6767

3

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 USAF AFAC  
 AFIP WEATHER SERVICE/AF

**WEATHER CONDITIONS**

2011 442011 AFAC TANKI EAST 7-1 2011-2011  
 STATION STATION NAME YEARS MONTH

FORM TAPE 10-12-74 OF THE WEATHER  
 CONDITIONS REPORT FORM 10-12-74

MONTH	HOURS 15"	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF GAS WITH REC'D	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF GAS WITH OBST TO VISION	TOTAL NO. OF OBS
03-07			5.2				5.2	21.0	27.4			35.0	79
08-08			7.3				7.3	30.0	20.0			39.7	110
09-09	.1		4.0		.1		4.5	38.0	24.0			41.1	130
09-10	.1		7.3				7.3	12.0	21.0		.2	29.4	90
12-14	.1		7.8				6.5	2.0	20.8			22.5	110
13-17	.2		7.2				5.2	1.5	27.7			23.0	130
16-20	.1		5.2				5.2	1.6	20.5			27.1	110
21-23	.1		5.0				6.3	5.1	25.5			17.5	130
TOTALS			6.2		.1		6.5	14.0	25.2			32.9	7439

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 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### WEATHER CONDITIONS

22129  
 STATION

MARCH AFB CA/RIVERSIDE  
 STATION NAME

7-70, 73-78  
 YEARS

APR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	3.4				3.4	18.9	23.9			32.1	900
	03-05		3.9				3.9	32.0	22.2			41.6	900
	06-08		3.0				3.0	31.2	26.2			43.4	900
	09-11		2.0				2.0	4.1	19.8			21.4	900
	12-14		3.1				3.1		23.8			23.8	900
	15-17		3.4				3.4		25.4			25.4	900
	18-20	.2	3.0		.1		3.0	.7	20.8			20.8	900
	21-23		2.9				2.9	5.2	20.6			21.8	900
TOTALS		.0	3.1		.0		3.1	11.5	22.8			28.8	7200

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 67-70,73-78 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
HAY	00-02		1.8				1.8	25.7	41.0			50.8	929
	03-05		4.6				4.6	43.1	39.2			60.0	930
	06-08		4.8				4.8	38.5	42.1			62.9	930
	09-11		2.7				2.7	5.5	45.9		.1	48.3	930
	12-14		.8				.8		51.8		.3	51.8	930
	15-17	.1	1.2				1.2		51.4			51.4	930
	18-20	.1	1.2				1.3	1.1	43.8			43.9	930
	21-23		2.5				2.5	6.7	41.9			43.2	930
TOTALS		.0	2.5				2.5	15.1	44.8		.1	51.5	7439

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

2311<sup>0</sup> STATION      MARCH AFB CA/RIVERSIDE STATION NAME      7-7, 73-76 YEARS      JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		1.1				1.1	17.0	55.1			58.7	900
	03-05		3.2				3.2	36.0	47.9			63.1	900
	06-08		2.4				2.4	31.0	52.7			64.9	900
	09-11		1.1				1.1	4.0	49.1			50.7	900
	12-14		.1				.1	.2	59.0			59.0	900
	15-17	.1	.2				.2		56.3			56.3	900
	18-20		.3				.3		47.8			47.8	900
	21-23							1.7	50.7			50.9	900
TOTALS		.0	1.1				1.1	11.2	52.3			56.4	7200

3

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 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

7-7, 73-76  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	.1	.4				.4	5.5	42.0			49.4	930
	03-05	.1	.4				.4	18.7	50.2			57.3	930
	06-08	.1	.6				.6	16.3	58.3			64.9	930
	09-11		.5				.5	.5	45.1			45.2	930
	12-14	.2	.9			.1	.9		57.1			57.1	930
	15-17	.1	.6				.6		47.4			47.4	930
	18-20		.4				.4		29.9			29.9	930
	21-23		.1				.1	.4	32.6			32.7	930
TOTALS		.1	.5			.0	.5	5.2	46.1			48.0	7440

3

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 AIR WEATHER SERVICE/4AC

**WEATHER CONDITIONS**

23119      MARCH APR CA/RIVERSIDE      7-7, 73-78      AUG  
 STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.1	.2				.2	7.4	42.2		.2	44.9	930
	03-05	.1	.5				.5	20.8	47.5			55.3	930
	06-08	.1	.5				.5	21.4	54.7			52.5	930
	09-11		.4				.4	2.2	44.1			44.5	930
	12-14	.3	1.0				1.0	.3	34.3			54.9	930
	15-17	.8	1.3				1.3	.3	48.1		.3	48.7	928
	18-20	.4	.9				.9	.3	29.8			30.1	927
	21-23		.4				.4	1.1	31.1			31.5	926
TOTALS		.2	.7				.7	6.7	44.1		.1	46.5	7431

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 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      66-7, 73-77 YEARS      SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.1				1.1	19.9	50.4			56.0	300
	03-05	.1	1.9				1.9	32.6	44.4			59.3	900
	06-08	.1	4.2				4.3	36.2	41.2		.1	60.7	900
	09-11		1.2				1.2	9.7	40.3		.7	44.4	900
	12-14	.2	.7				.7	1.2	49.6			49.7	900
	15-17	.6	1.1				1.1	.8	53.6			54.0	900
	18-20	.2	1.3				1.3	2.1	42.8			45.7	900
	21-23		1.3				1.3	7.0	43.7			44.8	900
TOTALS		.2	1.6				1.6	13.7	45.8		.1	51.6	7200

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAF

**WEATHER CONDITIONS**

23119  
 STATION

MARCH AFB CA/RIVERSIDE  
 STATION NAME

6-7, 73-77  
 YEARS

JCT  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JCT	00-02	.2	.8				.8	26.0	46.6			54.9	929
	03-05		1.6				1.6	35.9	39.5			56.5	930
	06-08		2.0				2.0	38.6	39.1			57.6	930
	09-11		1.2				1.2	8.4	35.2		.2	39.4	930
	12-14	.3	.9				.9	1.6	35.1		.1	36.0	930
	15-17	1.1	1.1				1.1	.5	47.5		.1	47.6	930
	18-20	.2	.4				.4	1.2	47.4			47.7	930
	21-23	.2	.5				.5	10.6	47.8			49.6	930
TOTALS		.3	1.1				1.1	15.4	42.3		.1	48.7	7439

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23110 STATION      MARCH APR CA/RIVERSIDE STATION NAME      6-7, 73-77 YEARS      30 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
NOV	00-02		4.2				4.2	21.6	37.3			40.8	900
	03-05		3.2				3.2	27.2	23.7			40.7	900
	06-08		2.8				2.8	29.1	20.7			38.4	900
	09-11		2.6				2.6	8.6	22.0		.2	26.4	900
	12-14		2.9				2.9	1.5	18.6		.1	19.0	900
	15-17		3.0				3.0	1.6	31.0			31.6	900
	18-20		2.3				2.3	2.2	33.8			34.3	900
	21-23		2.7				2.7	11.8	34.4		.1	37.9	899
TOTALS			3.0				3.0	13.1	26.8		.1	33.7	7199

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAA

**WEATHER CONDITIONS**

23114      MARCH 58 CA/RIVERSIDE      66-7, 73-77      DEC  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN S / 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 CBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.7	5.4		.4		5.8	22.2	13.9		.1	30.5	930
	03-05	.1	6.1		.3		6.5	24.2	14.9			31.3	930
	06-08		4.8		.1		4.6	24.5	12.8			29.0	930
	09-11		4.5				4.5	11.7	14.9		.3	21.6	930
	12-14	.1	4.6		.1		4.7	1.5	15.2		.6	16.6	930
	15-17	.1	3.7				3.7	1.9	21.7		.1	22.8	928
	18-20		3.9				3.9	4.1	25.0			26.2	927
	21-23		4.9				4.9	13.6	23.4		.1	28.8	927
TOTALS		.1	4.7		.1		4.8	13.1	18.4		.2	25.9	7432

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23119 STATION MARCH APR CA/RIVERSIDE STATION NAME 65-7, 73-73 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	4.0		.0		8.0	15.0	16.1			25.4	7439
FEB		.1	6.0		.0		8.0	16.1	20.9			30.3	6767
MAR		.1	6.6		.0		6.6	14.7	25.0		.0	32.8	7439
APR		.0	3.1		.0		3.1	11.5	22.6			28.8	7200
MAY		.0	2.5				2.5	15.1	44.8		.1	51.5	7439
JUN		.0	1.1				1.1	11.2	52.3			56.4	7200
JUL		.1	.5			.0	.5	5.2	46.1			48.0	7440
AUG		.2	.7				.7	6.7	44.1		.1	46.5	7431
SEP		.2	1.6				1.6	13.7	45.8		.1	51.6	7200
OCT		.3	1.1				1.1	15.4	42.3		.1	48.7	7439
NOV			3.0				3.0	13.1	26.8		.1	33.7	7199
DEC		.1	4.7		.1		4.8	13.1	16.4		.2	25.9	7432
TOTALS		.1	3.4		.0	.0	3.4	12.6	33.8		.1	46.0	87625

## PART A

## ATMOSPHERIC PHENOMENA

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

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

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

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

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
**WEATHER CONDITIONS**  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

23113      MARCH APR EA/RIVERSIDE      7-7      ALL  
 STATION      STATION NAME      YEARS      MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LS.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.0	23.7		1.3	.1	23.8	40.0	39.9			52.0	931
FEB		1.3	24.3		.5	.2	24.3	47.5	20.5		.1	51.4	847
MAR		1.8	27.1		.5	.5	27.1	56.3	57.1			68.0	930
APR		1.6	26.1		.1	.5	26.1	50.0	29.3			66.6	900
MAY		.4	18.9			.1	18.9	52.6	70.1			74.1	930
JUN		.8	13.5				13.5	49.7	76.6		.1	80.6	899
JUL		1.9	7.2			.1	7.2	28.9	72.7		.3	73.5	930
AUG		3.3	9.7				8.7	30.8	72.5		.5	73.9	930
SEP		2.9	12.6			.2	12.2	39.9	71.7			72.7	906
OCT		2.6	14.5				14.4	48.6	68.6		.1	72.6	930
NOV		.4	17.9		.1		17.3	40.2	50.6		.2	58.2	900
DEC		1.1	20.7		1.0	.3	20.9	35.7	37.6		.3	48.1	930
TOTALS		1.6	17.9		.3	.2	17.9	43.4	60.8		.1	66.8	10956

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

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

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

Air Force Stations:

Beginning thru 1945 at 0600LST  
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

DATA PROCESSING BRANCH  
 USAF 21AF  
 AIR WEATHER SERVICE/4AC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

23119  
 STATION

MARCH AFB CA/RIVERSIDE  
 STATION NAME

48-70  
 YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMYS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0-0.4	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	75.8	4.4	1.4	3.4	2.3	4.4	4.7	3.0	1.1	.1				19.8	930	2.09	6.27	.00	
FEB	75.4	7.2	1.7	3.0	2.1	3.5	3.2	2.1	1.7					17.2	847	1.65	8.89	.00	
MAR	72.9	10.2	1.7	3.3	2.4	4.4	2.9	1.9	.6					6.9	930	1.29	5.22	.00	
APR	73.4	13.0	.9	3.0	2.6	2.9	2.9	1.2	.1					13.6	900	.88	4.57	TRACE	
MAY	80.6	13.8	1.2	1.3	.9	1.4	.6	.3	.1					5.6	930	.24	2.07	TRACE	
JUN	86.3	11.7	.7	1.0		.3								2.0	900	.03	.28	TRACE	
JUL	92.0	5.8	.1	1.1	.4	.3	.4		.1					2.2	930	.02	1.46	.00	
AUG	91.1	6.0		.9	.3	.8	.2	.1	.1					2.4	930	.16	2.39	.00	
SEP	87.6	9.3	.4	.4	.9	.4	.2	.3	.3					3.1	900	.30	2.92	.00	
OCT	85.6	8.7	.8	1.6	.9	1.3	.9	.1						5.7	930	.22	1.83	.00	
NOV	82.1	7.2	.6	2.6	.9	1.6	2.9	1.4	.8					10.7	900	1.03	3.55	.00	
DEC	78.8	6.5	1.2	4.4	1.2	2.9	2.9	1.7	.5					14.7	930	1.21	4.42	TRACE	
ANNUAL	81.8	8.7	.9	2.2	1.2	2.0	1.7	1.0	.5	.0				9.5	10957	9.18			

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

**EXTREME VALUES**  
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

48-78  
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48									TRACE	.30	.00	.90	
49	.54	.32	.25	TRACE	.14	TRACE	TRACE	.00	TRACE	.01	.73	.03	.73
50	.59	1.06	.27	.35	.08	TRACE	TRACE	.00	TRACE	.01	.73	.01	1.06
51	.28	.31	.53	.37	.05	TRACE	.07	.12	.53	.22	.40	1.41	1.41
52	1.52	.16	1.80	.59	TRACE	TRACE	TRACE	.00	1.14	TRACE	1.26	.99	1.80
53	.28	.25	.34	.50	.02	TRACE	.02	.15	TRACE	.15	.02	.29	.62
54	2.26	1.14	.88	.10	TRACE	TRACE	.17	.07	.00	TRACE	1.20	.28	2.26
55	1.44	.42	.19	.47	.36	.02	TRACE	.03	TRACE	TRACE	.28	.14	1.44
56	2.31	.15	.01	1.00	.10	TRACE	.08	TRACE	.00	.04	.00	.12	2.31
57	.91	.46	.32	.43	.49	.16	TRACE	.00	TRACE	.57	.32	1.37	1.37
58	.61	1.59	.70	.98	.36	TRACE	.00	.47	.08	.29	.28	TRACE	1.59
59	1.00	.72	.00	.24	TRACE	TRACE	.03	TRACE	.51	.03	.33	1.01	1.01
60	.85	.62	.08	.69	.02	TRACE	.02	.00	.07	.20	.30	.01	.85
61	.39	.00	.47	TRACE	TRACE	TRACE	TRACE	.28	TRACE	TRACE	.23	1.03	1.03
62	.83	.65	.29	TRACE	.16	.01	TRACE	TRACE	TRACE	TRACE	.02	.04	.83
63	.16	1.11	.46	.46	TRACE	.01	.00	TRACE	1.88	.30	1.20	TRACE	1.88
64	.66	.43	.44	.36	.22	TRACE	TRACE	TRACE	.06	.09	.77	.45	.77
65	.19	.22	1.08	1.57	TRACE	.03	.07	.20	.06	TRACE	2.10	.83	2.10
66	.69	.65	.22	TRACE	TRACE	TRACE	TRACE	TRACE	.09	.33	.56	1.88	1.88
67	1.21	TRACE	.26	.64	.04	.02	TRACE	.02	.30	.00	1.28	.67	1.28
68	.42	.19	1.03	.28	.27	TRACE	1.04	.08	TRACE	.07	.47	.30	1.04
69	1.67	2.09	.37	.12	.32	.01	.04	.03	.15	TRACE	.62	.02	2.09
70	.40	1.37	.00	.15	TRACE	TRACE	TRACE	.16	.00	.04	.76	.78	1.37
71	.25	.17	.07	.11	.20	.05	TRACE	.00	.00	.43	.06	.72	.72
72	.00	.10	TRACE	.31	.06	.25	TRACE	.03	.08	.08	.79	.40	.79
73	.60	.82	.50	TRACE	TRACE	.01	.00	.03	.01	.03	.61	.02	.82
74	2.96	.16	.71	.27	TRACE	.03	TRACE	TRACE	.15	.20	.03	1.13	2.96
75	.13	.85	.96	.62	TRACE	TRACE	.26	.00	TRACE	.08	.31	.23	.96
76	.00	1.48	.65	.33	.62	.15	.04	.17	2.08	.12	.33	.11	2.08
77	.96	.74	.37	TRACE	1.08	TRACE	TRACE	1.74	TRACE	TRACE	TRACE	.70	1.74
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

**EXTREME VALUES**  
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 48-78 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	.81	1.30	1.90	.36	.01	TRACE	.00	.21					
MEAN	.831	.651	.532	.385	.153	.025	.061	.126	.240	.120	.566	.553	1.409
S. D.	.720	.535	.469	.356	.240	.057	.193	.324	.530	.152	.488	.504	.601
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 48-78 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48									TRACE	.83	.00	1.79	
49	2.30	.66	.34	TRACE	.23	TRACE	TRACE	.00	TRACE	.01	.73	1.16	5.43
50	1.50	1.62	.37	.63	.08	TRACE	TRACE	.00	TRACE	.01	1.50	.01	5.72
51	.94	.35	.54	1.26	.06	TRACE	.09	.14	.56	.28	.45	4.42	9.09
52	5.38	.22	4.67	1.27	TRACE	TRACE	TRACE	.00	1.15	TRACE	3.18	2.75	18.62
53	.71	.33	.79	1.45	.03	TRACE	.02	.15	TRACE	.15	.95	.29	4.87
54	4.21	1.45	3.28	.20	TRACE	TRACE	.20	.12	.00	TRACE	1.72	.52	11.70
55	4.37	1.23	.23	.82	.60	.05	TRACE	.03	TRACE	TRACE	.59	.35	8.27
56	3.33	.41	.01	1.76	.16	TRACE	.08	TRACE	.00	.04	.00	.16	5.89
57	4.75	.84	.67	1.12	.96	.18	TRACE	.00	TRACE	1.83	.49	2.30	13.14
58	.89	4.07	3.02	2.44	.36	TRACE	.00	.47	.14	.24	.29	TRACE	11.92
59	1.05	2.22	.00	.27	TRACE	TRACE	.03	TRACE	.51	.03	.38	.01	6.35
60	2.35	1.78	.22	.94	.02	TRACE	.02	.00	.07	.38	.83	.01	6.62
61	.62	.02	.62	TRACE	TRACE	TRACE	TRACE	.56	TRACE	TRACE	.46	1.21	3.47
62	1.85	2.69	.74	TRACE	.31	.01	TRACE	TRACE	TRACE	TRACE	.02	.05	5.67
63	.17	2.14	1.15	1.19	TRACE	.01	.00	TRACE	2.95	.81	1.54	TRACE	9.90
64	1.26	.84	1.23	.71	.23	TRACE	TRACE	TRACE	.06	.11	1.19	.82	6.45
65	.21	.22	2.55	4.57	TRACE	.04	.10	.20	.06	TRACE	5.55	2.47	15.97
66	.71	1.16	.23	TRACE	TRACE	TRACE	TRACE	TRACE	.09	.39	.96	3.95	7.47
67	1.70	TRACE	.70	1.97	.09	.02	TRACE	.02	.35	.00	3.09	1.37	9.31
68	.59	.23	1.60	.54	.27	TRACE	1.46	.08	TRACE	.12	.47	.70	6.06
69	6.26	8.89	.87	.34	.43	.02	.04	.03	.15	TRACE	1.02	.02	18.07
70	.88	2.25	1.57	.15	TRACE	TRACE	TRACE	.16	.00	.04	1.76	2.17	8.98
71	.40	.24	.09	.28	.41	.07	TRACE	.00	.00	.65	.06	2.86	5.06
72	.00	.10	TRACE	.31	.08	.28	TRACE	.03	.08	.27	1.56	.67	3.38
73	1.51	2.75	1.35	TRACE	TRACE	.01	.00	.03	.01	.03	1.41	.03	7.13
74	6.27	.16	2.03	.47	TRACE	.03	TRACE	TRACE	.15	.26	.04	1.73	11.14
75	.25	1.26	2.58	1.37	TRACE	TRACE	.26	.00	TRACE	.08	.33	.35	6.48
76	.00	4.18	1.18	1.26	.84	.15	.06	.17	2.64	.17	.41	.16	11.22
77	1.96	.84	.71	TRACE	2.07	TRACE	TRACE	2.39	TRACE	TRACE	TRACE	1.91	9.88
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

XXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXX  
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 48-78 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	6.21	6.28	5.22	1.67	.01	TRACE	.00	.21					
MEAN	2.088	1.647	1.285	.880	.239	.029	.079	.160	.299	.225	1.033	1.211	8.744
S D	2.021	2.000	1.342	.957	.429	.064	.268	.443	.722	.384	1.186	1.234	3.982
TOTAL OBS.	520	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE \* (BASED ON LESS THAN FULL MONTHS)

DATA PROCESSING BRANCH  
 USAF AFAC  
 AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

2011 STATION MARCH APR 04/RIVERSIDE STATION NAME 7-7 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	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	98.9	.6	.1	.2		.1								.4	930	.2	4.9	.0	
FEB	99.6	.4													847	TRACE	2.6	.0	
MAR	99.4	.5		.1										.1	930	TRACE	.6	.0	
APR	99.9	.1													900	TRACE	2.6	.0	
MAY	100.0														930	.0	.0	.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	100.0														930	.0	.0	.0	
NOV	99.9	.1													900	TRACE	TRACE	.0	
DEC	99.1	.6	.1	.1										.2	930	TRACE	1.1	.0	
ANNUAL	99.7	.2	.0	.0		.0								.1	10957	.2			

3

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

**EXTREME VALUES**  
SNOWFALL

FROM DAILY OBSERVATIONS

21119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

48-78  
YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48									.0	.0	.0	.0	
49	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	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	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
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	TRACE	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.8	.8
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
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	TRACE	TRACE
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	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

3

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

**EXTREME VALUES**  
SNOWFALL

FROM DAILY OBSERVATIONS

23119 MARCH AFB CA/RIVERSIDE

48-73

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	.0	.0	.0	.0	.0	.0	.0	.0					
MEAN	.11	TRACE	.02	TRACE	.00	.00	.00	.00	.00	.00	TRACE	.03	.16
S.D.	.549	.000	.110	.000	.000	.000	.000	.000	.000	.000	.000	.146	.577
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OLA)

3

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

XXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

23113 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

48-72  
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48										.0	.0	.0	
49	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	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	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.1	1.1
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
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	TRACE	TRACE
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	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

3

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

**EXTREME VALUES**  
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

23119 MARCH AFB CA/RIVERSIDE

48-23

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	.0	.0	.0	.0	.0	.0	.0	.0					
MEAN	.17	TRACE	.02	TRACE	.00	.00	.00	.00	.00	.00	TRACE	.04	.24
S. D.	.894	.000	.110	.000	.000	.000	.000	.000	.000	.000	.000	.201	.926
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE \* (BASED ON LESS THAN FULL MONTHS)



3

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

**EXTREME VALUES**  
SNOW DEPTH

FROM DAILY OBSERVATIONS

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

43-12  
YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48									0	0	0	0	
49	2	0	0	0	0	0	0	0	0	0	0	0	
50	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	
52	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	
55	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	
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	
59	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	
61	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	
63	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	
65	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	
67	0	0	0	0	0	0	0	0	0	0	0	1	1
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	
70	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	
72	0	0	0	0	0	0	0	0	0	0	0	0	
73	0	0	0	0	0	0	0	0	0	0	0	0	
74	0	0	0	0	0	0	0	0	0	0	0	0	
75	0	0	0	0	0	0	0	0	0	0	0	0	
76	0	0	0	0	0	0	0	0	0	0	0	0	
77	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OEA)

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

## EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

23113 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

48-73  
YEARS

### DAILY SNOW DEPT. IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	0	0	0	0	0	0	0	0					
MEAN	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
S.D.	.365	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.132	.409
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OLA)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degree, starting in July 1969. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

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

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

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

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

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

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

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

**EXTREME VALUES**  
 SURFACE WINDS

FROM DAILY OBSERVATIONS

23119 STATION MARCH AFB, CA/RIVERSIDE STATION NAME

48-78 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MC THS
48									HW *24L	*21NE	*24		
49	NNE 46NW	29SSW 30NW	28N 27N	39NW 23NW	28NW 23NNW	32N 27NW	43	NNE 46					
50	WNW 33NE	35WNW 35SW	32WNW 25NW	23SSW 30NW	23E 27SSW	21E 37NNE	*31	E 37					
51	W 36E	27NW 30WNW	35NW 22N	25NW 21SSE	29WNW 22W	29ENE 28SW	22	N 30					
52	NE 26NW	30SW 31SE	23NW 30WNW	23SSW 36W	22NNE 26E	21SE 28ESF	28	SSW 36					
53	NNW 26NNE	40WSW 33WSW	25N 30WNW	29W 23WNW	23NW 19NW	23NNW 27NNE	49	NNE 49					
54	SSE 28WSW	28SSE 35W	23WNW 20NW	19SSE 27WNW	16NW 14N	24S *28NNE	39	NNE 39					
55	W *26N	38NNW 34N	35SSE 29WSW	26NW 25NW	25ESE 33ESE	31NNE 30WNW	21	N 38					
56	S 24NNE	39NNE 41W	33SW 27NW	25WSW 23WNW	21W 20SSE	22N 35NNW	32	NNE 41					
57	SSW 24SW	21NNE 32NNE	38SW 25N	27NW 24SW	24ENE 25ESE	24ENE 34ENE	29	NNE 36					
58	NNW 36W	30SSW 26S	31NW 22NW	2SSE 26N	*21SSE 29WNW	26W 40NE	25	W 40					
59	SE 21WNW	27NE 26NNW	31S 27NW	27NW 29SSW	24NW 28N	35E 36NNW	39	NNW 39					
60	N 31NNW	34ENE 26NNW	29WNW 23NW	21NE 43NW	24SE 39N	36NNW 26N	30	NE 43					
61	E 25N	28W 29N	24W 26N	25N 22S	35NW *23ESE	*28NNE *39ENE	*25	NNE *39					
62	E 42S	23SSW 27NNW	23NW 27NW	22NW 21NW	*23ENE 28NNW	*19NNW 32ENE	*26	E 42					
63	E 28N	31NNW *30WSW	*33NW *24NW	*24NW 24NW	26NW *28NW	*20SE 25ENE	30	WSW *33					
64	NNW 37N	39N *35WNW	*25W 34NW	*31NNW 26ESE	30ENE 37E	31NNW 31NNE	32	N 39					
65	N 29NNW	34NNW 29SW	26W 23W	21WNW 21E	26SSW 21NW	37ENE 26SSE	33	NW 37					
66	N 31N	40WSW *30E	*24NNW 22NW	24NW 23NNW	25NE 36NW	*29ENE 29NNE	33	N 40					
67	E 32N	28SW 25WNW	27NW 27NW	23WNW 20NW	24ENE 32NE	30W 20NE	*30	E 32					
68	NNE 27E	22N 36N	26W 26SE	3016/ 2856/	22B4/ 27B5/	35B4/ 30B5*	36	N 36					
69	26/ 33/	5/ 26B5/	33B4/ 29B1/	20B1/ 20B0/	21B0/ 22 5/	22B5/ 2810/	34 1/ 41	1/ 41					
70	33/ 32B3/	33B0/ 3529/	30 7/ 3114/	2417/ 2354/	36 7/ 27 5/	3110/ 3313/	29 14/ 36	14/ 36					
71	34/ 33B4/	30B5/ 34B3*	28B3/ 27B3/	24B1/ 2729/	26B0/ 27B3/	38B5/ 35 1/ 42	1/ 42	1/ 42					
72	6/ 42 8/	2924/ 24B2/	33B2/ 3216/	2714/ 29B1/	21B4/ 24B6/	41B4/ 27B6/	36 6/ 42	6/ 42					
73	36/ 37 9/	44B6/ 33B6/	40B2/ 24B2/	22B2* 2314/	24 7/ 29 4/	30B4/ 29B3/	28 9/ 44	9/ 44					
74	36/ 30B6/	3229/ 20B1/	2528/ 21B0/	20B1/ 20B0/	24B4/ 2626/	29 5/ 24 2/	35 2/ 35	2/ 35					
75	35/ 33B5/	45 2/ 4827/	25B4/ 33B2/	20B5/ 25B1/	22 9/ 26B5/	30 7/ 26B5/	33 2/ 48	2/ 48					
76	8/ 3011*	33B1/ 2827/	3521/ 2225/	2626/ 2222/	21 6/ 31 2/	33B6/ 33 8/	32 37/ 35	37/ 35					
77	8/ 30B4/	30B5/ 43B6/	2819/ 24B5/	20B2/ 2411/	34B5/ 20B3/	17B2/ 25 8/	40 35/ 43	35/ 43					
MEAN													
S. D.													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
 \$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)  
 USAF ETAC FORM 0-88-5 (OLA)

3

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

**EXTREME VALUES**  
 SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 48-78 YEARS

DAILY PEAK WINDS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
78	24/	3116/	3518/	3519/	2585/	2332/	2332/	1732/	26				
MEAN	31.5	32.0	31.8	29.2	25.8	24.2	24.9	25.1	26.6	29.2	29.9	33.8	40.7
S D	5.748	6.190	5.053	4.817	3.864	4.049	5.140	4.450	5.740	6.083	4.644	6.366	4.515
TOTAL OBS	915	831	907	857	918	888	917	918	869	875	845	867	10607

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
 \$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)  
 USAF ETAC FORM 0-88-5 (CIA)

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MAR\_H AFB CA/RIVERSIDE STATION NAME 7-70,73-78 YEARS JAN MONTH  
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.8	.4	.4	.4							5.2	7.0
NNE	.8	.6	.6	.5	.1							2.7	7.4
NE	.3	.5	.6	.6								2.2	8.4
ENE	.5	.5	.1	.3	.1							1.6	6.5
E	1.0	.2	.3	.3	.2							2.0	6.7
ESE	.9	1.0	.4		.1							2.4	5.0
SE	1.2	1.0	.9									3.7	5.2
SSE	.9	1.3	1.2	.3								3.7	6.4
S	1.2	.8	.5	.1								2.6	4.7
SSW	1.1	.1										1.2	2.5
SW	.9	.2										1.1	2.5
WSW	.8	.3										1.1	3.1
W	1.6	1.1										2.7	3.1
WNW	1.4	.5	.2									2.2	3.5
NW	2.0	1.3	.1									3.4	3.3
NNW	1.7	1.1	1.1									3.9	4.5
VARBL													
CALM												58.6	
	18.0	13.0	6.6	2.7	1.0	.2						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

2311c  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

77-70, 73-78  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.5	.5	.2	.4							3.9	8.2
NNE	1.1	.5	1.2									2.8	4.9
NE	1.1	.8	.6	.5	.1							3.1	6.7
ENE	.5	.5	.9	.3								2.3	6.3
E	.9	.0	.2	.4								2.2	6.0
ESE	.8	.9	.4									2.0	4.6
SE	1.5	1.0	.6	.3								3.4	4.8
SSE	1.0	1.8	.6	.1								3.6	5.1
S	1.2	1.2	.2	.1								2.7	4.3
SSW	.9	.1										1.0	2.7
SW	.6	.2										.9	2.5
WSW	.8	.2		.1								1.1	3.7
W	.9	.8	.3	.1								2.0	4.7
WNW	1.0	.5	.1									1.6	3.3
W	.3	.9	.3	.1								1.6	5.9
NNW	1.3	1.3	.5	.3	.2							3.7	6.1
VARBL													
CALM												62.2	
	14.5	12.8	6.7	2.8	.8	.2						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

57-70, 73-78  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	.8	1.2	.3	.1	.1						3.9	6.7
NNE	.9	1.8	.5	.4								3.7	5.6
NE	1.3	1.0	.8	.3								3.3	5.8
ENE	.3	.8	.5	.4	.1							2.2	7.7
E	1.0	1.4	.2	.2								2.8	4.3
ESE	1.0	.5	.1	.2								1.8	4.7
SE	1.2	1.3	.9									3.3	4.6
SSE	1.0	1.5	.8	.3								3.5	5.6
S	1.6	.8	.2	.4	.1							3.1	5.1
SSW	.8	.3										1.1	2.8
SW	1.0	.1										1.1	2.2
WSW	.6	.1	.1									.9	3.1
W	1.5	.2	.2									1.9	2.7
WNW	1.0	1.0	.1	.1								2.2	4.1
NW	1.1	.6	.2	.2	.1							2.3	5.5
NNW	.8	.9	.4	.3	.2							2.6	6.8
VARBL													
CALM												60.4	
	16.2	13.0	6.2	3.3	.6	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

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DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

57-70, 73-78  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.9	.5	.3	.1	.1					4.6	8.0
NNE	.8	1.1	.4	.3	.2	.1						2.9	7.1
NE	.5	.9	1.3	.8	.2							3.7	8.4
ENE	.8	.5	1.1	1.2	.1							3.7	8.4
E	1.2	.9	1.9	1.6	.8							6.3	9.4
ESE	2.3	1.8	1.0	.3								5.4	4.9
SE	4.5	3.1	1.7									9.4	4.2
SSE	3.2	3.8	1.2	.4								8.6	4.5
S	4.4	1.7	.9	.4								7.4	4.1
SSW	1.1	.5										1.6	3.1
SW	.6	.2	.1	.3								1.3	5.4
WSW	.2	.1		.1								.4	5.0
W	1.0	.1	.2			.1						1.4	4.5
WNW	.1	.4	.4									1.0	6.1
NW	.8	.9	.4	.1								2.2	5.3
NNW	.1	1.4	1.0		.1	.1						2.7	7.2
VARBL													
CALM												37.5	
	22.9	18.7	12.5	6.1	1.7	.4	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23110  
 STATION

MARCH APR CA/RIVERSIDE  
 STATION NAME

67-70, 73-76  
 YEARS

JAN  
 MONTH

ALL WEATHER  
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.7	1.4	1.2	.6	.2						7.5	8.6
NNE	2.3	1.3	1.0	.5								5.1	5.4
NE	1.2	1.4	1.3	.9	.1							4.8	7.1
ENE	1.4	1.3	1.6	1.7	.2							6.2	8.0
E	1.9	2.3	2.0	2.0	.6	.2						9.1	8.6
ESE	1.3	1.5	.6	.6	.1							4.2	6.3
SE	1.5	2.4	.9	.6								5.4	5.6
SSE	3.0	1.7	1.3	.5	.2							6.8	5.3
S	1.8	1.5	1.2	.5								5.1	5.3
SSW	.9	1.2	.3									2.4	4.5
SW	1.3	.1	.1	.2								1.7	3.7
WSW	.3	.8	.2	.3								1.6	6.9
W	.6	1.6	.5	.2								3.0	5.5
WNW	1.3	2.9	1.3	.1								5.6	5.2
NW	1.2	3.1	2.3	.2								6.8	5.7
NNW	1.1	2.6	1.4	.9	.2							6.1	5.9
VARBL													
CALM												18.5	
	73.1	27.3	17.4	10.7	2.2	.8						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 929

3

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

**SURFACE WINDS**

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

57-70, 73-78  
YEARS

JAN  
MONTH

ALL WFTHE  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.9	1.4	1.2	.3	.2						7.9	7.4
NNE	1.6	2.0	1.1	.5	.2							5.5	6.2
NE	1.4	1.6	2.0	1.0	.1							6.1	7.0
ENE	1.1	1.5	2.4	1.3	.1							6.4	7.5
E	1.2	1.9	3.3	1.5	.5	.1						8.6	8.6
ESE	.5	.3	.3	.1								1.3	5.5
SE	.3	.5	.8	.6								2.3	8.2
SSE	.5	.8	1.2	.2								2.7	6.6
S	.3	1.0	1.0	.6								2.9	7.6
SSW	.4	.2	.4	.2								1.3	6.5
SW	.1	.2	.4									.8	6.1
WSW	.2	.4	.2									.9	5.1
W	.4	1.9	.6	.3	.1							3.4	6.2
WNW	2.3	4.5	3.0	.1								10.7	5.3
NW	1.9	9.8	5.4	.6								17.9	6.0
NNW	1.7	5.1	3.6	1.0								13.3	6.3
VARBL													
CALM												10.9	
	15.9	34.9	27.1	9.5	1.4	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 979

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 67-70, 73-78 YEARS JAN MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	2.3	1.4	.6	.2							7.6	5.5
NNE	1.9	1.9	1.9	.3	.3							6.5	6.3
NE	.6	1.2	1.9	.6								4.4	7.3
ENE	.2	.8	.8	.9								2.6	8.3
E	1.0	.8	.3	1.1	.4							3.5	8.7
ESE	.4	.6	.4	.4								1.9	6.4
SE	1.0	.8	.3	.4		.1						2.6	6.6
SSE	.8	1.3	.8	.4								3.1	6.0
S	1.7	1.0	.5	.2								3.4	4.6
SSW	.3	.1	.2									.6	5.2
SW	.4											.4	2.3
WSW	1.1	.1		.1								1.3	3.5
W	2.3	1.3	.2	.1								3.9	3.7
WNW	3.8	2.2	1.0	.1								7.0	4.0
NW	4.0	4.3	1.3	.1								9.7	4.4
NNW	2.7	2.8	.5	.3	.1	.1						6.6	5.0
VARBL													
CALM												34.8	
	25.3	21.3	11.5	5.8	1.1	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION    MARCH AFB CA/RIVERSIDE STATION NAME    7-70, 73-78 YEARS    JAN MONTH  
 ALL WFTHE CLASS    2100-2300 HOURS (LST)  
 CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.2	.6	.5	.1	.1						4.4	6.1
NNE	1.0	1.3	1.0	.4	.1							3.7	6.4
NE	.3	1.2	1.0	.8	.1							3.3	7.9
ENE	.5	1.0	1.4	.4								3.3	7.0
E	.8	.9	.6	.6								2.8	7.3
ESE	.4	.5	.5	.3								1.8	7.3
SE	.9	1.6	.5	.3								3.3	5.0
SSE	.9	1.2	.8		.1							2.9	5.3
S	1.5	1.1	.1	.2								2.9	4.0
SSW	.5	.2	.1									.9	3.1
SW	1.1	.3										1.4	2.5
WSW	1.0	.8										1.7	2.9
W	1.8	.3	.1									2.8	2.8
WNW	1.6	1.2	.2									3.0	3.4
NW	2.3	1.4	.5	.1								4.3	4.0
NNW	1.6	1.3	.5	.6								4.1	5.9
VARBL													
CALM												53.9	
	17.8	15.4	8.1	4.3	.4	.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

1  
3

JATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23110  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
TEXAS

JAN  
MONTH

ALL WEATHER  
CLASS

ALL  
MOSES (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.7	1.0	.6	.3	.0	.0					7.6	7.2
NNE	1.3	1.3	1.0	.4	.1	.0						4.1	6.1
NE	.8	1.1	1.2	.7	.1							3.9	7.3
ENE	.7	.9	1.1	.8	.1							3.5	7.6
E	1.1	1.1	1.1	1.0	.3	.0						4.7	8.1
ESE	.9	.9	.5	.3	.0							2.6	5.5
SE	1.5	1.5	.8	.3		.0						4.2	5.2
SSE	1.4	1.7	1.0	.3	.0							4.4	5.4
S	1.7	1.1	.6	.3	.0							3.8	4.9
SSW	.7	.3	.1	.0								1.3	3.9
SW	.8	.2	.1	.1								1.1	3.5
WSW	.8	.3	.1	.1								1.1	4.2
W	1.3	.9	.3	.1	.0	.0						2.6	4.3
WNW	1.5	1.7	.8	.1								4.1	4.6
NW	1.7	2.8	1.3	.2	.0							6.0	5.2
NNW	1.4	2.0	1.1	.4	.1	.0						5.1	6.0
VARBL													
CALM												42.1	
	19.2	19.6	12.0	5.0	1.1	.3	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

7637

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23110 STATION MARCH APR CA/RIVERSIDE 57-70, 73-78 YEARS FEB MONTH  
 0000-0200 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.1	.5	.6	.2	.1						3.4	7.7
NNE	.6	.6	.8	.1								2.1	6.3
NE	.1	.6	.5	.4								1.5	7.2
ENE	.6	.4		.1	.1							1.2	5.5
E	.7	.7	.4	.2	.2	.1						2.4	7.9
ESE	.4	.5	.1		.1	.1						1.2	7.3
SE	1.2	1.2	.4	.4								3.1	5.3
SSE	2.6	2.4	.2	.7	.2							6.1	5.5
S	1.7	1.8	.5	.5	.1							4.5	5.4
SSW	.4	.1	.1									.6	3.8
SW	.5	.2										.7	2.7
WSW	.2	.5										.7	4.3
W	1.2	.5	.2	.6								2.2	5.2
WNW	.2	.5										1.3	2.8
NW	1.1	1.1	.5									3.2	4.2
NNW	1.2	1.1	.2									2.5	3.7
VATBL													
CALM												63.8	
	14.1	13.0	6.4	3.3	1.1	.4						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 546

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/VAC

### SURFACE WINDS

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

23117 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      07-70, 73-79 TELNO      FEB MONTH  
 ALL WEATHER CLASS      0300-0500 HOURS (LST)

SPEED (KNTS, DIR)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.5	.8	.4	.2						4.3	8.3
NNE	.2	.5	.1	.1								.9	6.1
NE	.4	.6		.6								1.3	8.2
ENE	.5		.5	.1	.1							1.2	7.2
E	.4	.6	.6	.1	.1	.1						1.9	8.4
ESE	.5	.6	.1									1.2	4.2
SE	1.1	1.4	.5	.1								3.1	4.7
SSE	1.7	2.0	.8	.1								4.6	4.7
S	2.4	1.3	.5	1.1	.2	.1						5.6	6.3
SSW	1.2	.1										1.4	2.5
SW	.8	.2										1.1	2.6
WSW	.6	.1										.7	3.0
W	.7	.4										1.4	3.5
WNW	1.5	.4	.1		.1							2.1	3.1
NW	1.1	1.1	.2									2.4	3.7
NNW	1.5	.7	.2	.6	.1							3.0	5.1
VARBL													
CALM												64.2	
TOTAL	15.0	11.0	4.3	3.4	1.1	.5						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS      846

1  
3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23115 STATION MARCH AFB CA/RIVERSIDE STATION NAME 47-70,73-78 YEAR FEB MONTH 0605-0800 NUMBER (LST)

ALL WEATHER

CONDITION

SPEED KNTS D.A.	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	.2	1.1	.6	1.3	.7							4.6	3.4
NNE	.5	.9	.6	.2								2.6	7.2
NE	.5	.6	.9	.5	.1							2.6	7.5
ENE	.9	.1	.2	.1		.1						.9	7.8
E	1.1	.7	.1	.2	.5							2.6	7.5
ESE	.9	.5	.1	.1								1.7	4.0
SE	1.3	.5	.7									2.5	4.5
SSE	2.0	2.0	.2	.2	.1							6.2	4.7
S	2.1	1.8	.2	1.1								5.4	5.6
SSW	.7	.2	.1	.1								1.2	4.3
SW	.8	.1										.9	2.1
WSW	.8	.4	.1									1.1	3.6
W	.3	.2	.1									1.2	3.4
WNW	.8	.4	.1									1.3	3.5
NW	1.2	.9	.2									2.6	3.8
NNW	.7	.7	.5	.5	.1	.1						2.5	7.8
VARL													
CALA												61.8	
TOTAL	15.4	11.1	5.6	4.3	1.5	.4						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      57-70,73-78 YEARS      FEB MONTH

ALL WEATHER CLASS      0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.3	.7	.9	1.3							5.2	9.7
NNE	1.1	.9	.5	.2	.1							2.8	5.8
NE	.1	.6	.7	.7								2.1	8.7
ENE	.5	.5	1.3	.4	.1							2.7	7.8
E	1.9	.7	1.5	.9	.4	.1						5.6	7.7
ESE	3.1	1.7	.5	.4	.5							6.0	5.3
SE	.8	3.3	1.4	.2								7.8	4.7
SSE	4.6	4.6	2.0	.7								11.9	4.8
S	5.4	3.2	.9	.8								10.5	4.4
SSW	.7	.9		.1								1.8	4.1
SW	1.3	.2	.1									1.7	3.1
WSW	.5			.1								.6	3.2
W	.1	.1	.1	.1								.5	6.8
WNW	.6	.6		.1								1.3	4.3
NW	.7	.9	.6									2.2	4.3
NNW	.7	.7	.5	.7	.2	.4	.1					3.3	10.5
VARBL													
CALM												33.9	
	25.1	70.4	10.9	6.5	2.6	.5	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 846

1  
3  
1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70,73-78  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.0	.7	1.4	.9	.1						8.4	8.0
NNE	.9	.9	.7	.1								2.7	5.3
NE	.8	.4	.8	.4	.1							2.5	7.0
ENE	.7	.4	.7	.8	.1							2.7	8.6
E	1.2	1.9	2.5	2.6	.6	.4						9.1	9.6
ESE	1.2	1.3	.8	.6	.2							4.1	6.7
SE	1.1	1.9	1.5	.2								4.7	5.7
SSE	1.1	1.4	1.4	1.1	.1							5.1	7.3
S	2.1	2.1	2.5	1.1	.1							8.2	6.8
SSW	.8	.9	.6	.4								2.7	5.9
SW	.1	.1	.6									.8	7.9
WSW	.1	.2	.4	.2								.9	8.3
W	2.1	1.5	.6									4.3	4.0
WNW	1.3	2.6	2.6	.6								7.1	6.6
NW	1.7	4.8	3.8	.5								10.8	6.4
NNW	1.2	2.7	1.7	1.7	.7	.2	.1					8.3	9.0
VARBL													
CALM												17.6	
	18.7	26.2	21.9	11.8	3.0	.7	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 845

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23110 STATION MARCH AFB CA/RIVERSIDE STATION NAME 57-70, 73-78 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	1.1	1.2	1.3	1.9	.8	.1						6.4	9.7
NNE	.4	.5	.7	.6	.2							1.7	9.2
NE	.0	.9	.6	.5								2.8	6.7
ENE	.6	1.5	.7	.7	.1							3.7	7.4
E	.6	1.4	3.7	1.5	.4	.4	.1					8.0	9.7
ESE	.2	.4	.1	.1								.8	5.9
SE	1.2	.7	.8	.1								2.8	5.0
SSE	.5	.7	1.3	.6								3.1	7.3
S	1.2	1.1	2.4	1.7								6.3	7.8
SSW	.4	.9	.7	.1								2.1	6.2
SW	.6	.7	.2	.1								1.7	5.2
WSW	.4	.6	.2	.1								1.3	6.0
W	.6	1.9	1.5	.5								4.5	6.5
WNW	.9	4.5	6.3	.6								12.3	7.0
NW	1.7	8.9	10.6	2.2	.1							23.5	7.1
NNW	2.0	4.3	3.5	1.7	.7	.2						12.4	7.9
VARBL													
CALM												6.6	
	12.8	30.1	34.5	12.8	2.4	.7	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MARCH APR CA/RIVERSIDE 7-70, 73-78 YEARS FEB MONTH

ALL W<sup>h</sup>. THE 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	2.6	2.4	1.3	1.3	.1							7.1	6.5
NNE	.3	1.2	.2	.0								2.6	5.5
NE	.9	.9	.2	.1								2.2	4.5
ENE	.5	1.5	.4	.0								3.0	6.8
E	.5	.9	1.2	.7	.1							3.4	7.9
ESE	.4	1.1	.4	.1		.1						2.0	6.6
SE	.8	1.5	.6	.2	.1							3.3	5.9
SSE	.6	2.0	1.4	.4								4.4	6.3
S	1.4	1.2	.6	.8								4.0	6.5
SSW	.8	.5	.2									1.5	3.8
SW	.5	.2	.1									.9	3.4
WSW	.5	.1	.1									.7	4.2
W	1.5	2.1	.8	.2								4.7	4.9
WNW	2.6	5.0	2.2	.1								9.9	5.0
NW	4.3	5.2	2.0	.4								11.8	4.6
NNW	3.0	4.9	1.7	.5	.1	.1						10.2	5.3
VARBL													
CALM												23.0	
	21.2	30.8	13.5	5.8	.5	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 845

3  
2  
0945

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION      MARCH APR CA/RIVERSIDE STATION NAME      77-78, 73-78 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	2.1	1.1	.7	.6	.1	.1						4.7	5.9
NNE	.8	1.3	.7									2.8	4.9
NE	.6	1.1	.8	.1								2.6	5.5
ENE	.4	.9	.1	.1								1.5	5.6
E	.2	.4	.2	.2								1.1	7.2
ESE	.7	.2	.4									1.3	4.5
SE	1.5	2.7	1.2	.1								5.6	5.0
SSE	.9	3.2	.8	.4								5.3	5.6
S	1.7	1.5	.7	1.2	.1							5.2	6.7
SSW	.5	.5	.1									1.1	4.1
SW	.7	.5	.1									1.3	3.8
WSW	.5	.5										.9	3.1
W	1.2	.5	.2									2.5	2.9
WNW	1.9	.7										2.6	2.5
NW	1.8	1.4	.4									3.5	3.6
NNW	2.1	1.8	.4		.1							4.4	4.3
VARBL													
CALM												53.5	
	18.2	18.2	6.9	2.7	.4	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 846

3  
1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      67-70, 73-78 YEARS      FEB MONTH

ALL METRIC CLASS  
CONDITION

ALL HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	.8	1.1	.6	.1						5.5	8.1
NNE	.7	.9	.5	.2	.0	.1						2.3	6.1
NE	.5	.7	.6	.4	.0							2.2	6.8
ENE	.5	.7	.5	.4	.1	.1						2.1	7.2
E	.8	.9	1.3	.8	.3	.1	.0					4.3	8.7
ESE	.9	.8	.3	.2	.1	.1						2.3	5.7
SE	1.4	1.7	.9	.2	.0							4.1	5.1
SSE	1.7	2.3	1.0	.5	.1							5.6	5.6
S	2.2	1.8	1.1	1.0	.1	.0						6.2	6.1
SSW	.7	.5	.2	.1								1.6	4.6
SW	.7	.3	.1	.0								1.1	3.8
WSW	.4	.3	.1	.1								.9	4.6
W	1.1	.9	.5	.1								2.7	4.8
WNW	1.3	1.6	1.4	.2	.0							4.7	5.6
NW	1.7	3.0	2.3	.4	.0							7.4	5.8
NNW	1.0	2.1	1.1	.7	.3	.1	.0					5.8	6.9
VARBL													
CALM												41.2	
	17.6	20.1	12.7	6.3	1.6	.4	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 6767

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23110 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      57-70, 73-78 YEARS      MAC NORTH  
 CLASS ALL WEATHER      HOURS (L.S.T.) 0000-0700  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.8	.5	.1								2.3	4.8
NNE	.5	.3	.0	.3								1.8	6.5
NE	.1	.4	.1	.1								.8	6.3
ENE	.1											.1	1.0
E	.2	.1	.1									.4	3.8
ESE	.9	.4	.4									1.7	4.3
SE	2.2	2.0	.4	.4								5.1	4.8
SSE	2.7	2.8	1.0	.2	.1							6.8	4.7
S	2.5	1.0	.6	.3								4.6	4.4
SSW	.5	.3										1.0	2.9
SW	.9	.5	.1									1.5	3.3
WSW	.9	.1	.1									1.1	3.2
W	1.4	.3	.1									1.8	3.0
WNW	.4	.3	.2	.1								1.1	5.0
NW	1.2	1.3	.3	.1								2.9	4.6
NNW	1.4	.8	.1		.1							2.4	3.9
VARBL													
CALM												64.9	
	16.3	11.5	4.8	1.7	.2							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

47-70, 73-78  
YEARS

MAR  
MONTH

ALL WINDS  
CLASS

0300-0500  
HOURLY (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.9	.6	.3	.1							3.0	4.7
NNE	.2		.5	.2								1.2	8.5
NE	.2	.1		.1								.8	4.1
ENE	.2	.5	.2	.2								1.2	6.2
E	1.0	.4										1.4	2.9
ESE	.3	.8										1.1	3.9
SE	2.2	1.0	1.1	.3								4.5	4.9
SSE	2.0	2.4	.4	.6		.1						6.0	5.9
S	3.0	1.1	.3	.1								4.5	3.4
SSW	.6	.3										1.0	3.0
SW	.1	.4										.5	4.4
WSW	.3											.3	2.0
W	.9	1.2	.2									2.3	4.4
WNW	1.1	.1	.1									1.3	2.9
NW	1.3	.9										2.2	3.5
NNW	1.3	.1	.2	.1	.1							1.8	4.5
VARBL													
CALM												67.0	
	15.9	10.1	4.3	2.4	.2	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MARCH APR CA/RIVERSIDE STATION NAME 7-70, 73-78 YEARS MONTH MAR  
 ALL WEATHER CLASS 0600-0900 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	.0	.6	.4	1.0	.1							3.0	9.2
NNE	.4	.6	.8	.1								1.9	6.6
NE	.4	.4	.3	.1								1.3	5.0
ENE	.4		.2	.2								.9	6.4
E	.5	.4										1.0	3.3
ESE	1.0	.1	.3									1.4	3.8
SE	2.6	2.6	1.9	.1	.1							7.3	4.2
SSE	3.5	3.7	2.0	.1								9.4	4.4
S	2.0	2.2	.8	.3								5.3	4.4
SSW	.6	.3	.1									1.0	3.2
SW	.9											.9	2.4
WSW													
W	.2	.4										.6	3.5
WNW	.4	.3	.1	.1								1.0	5.1
NW	.9	.1	.2			.1						1.3	5.3
NNW	.0	.8	.2	.3	.2							2.2	7.6
VARBL													
CALM												01.6	
	15.3	12.6	7.4	2.4	.4	.1						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

3  
1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION: 23119 NAME: MORCH AFB CA/RIVERSIDE YEARS: 7-70, 73-78 MONTH: MAR  
 CLASS: ALL REF. TIME 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	1.0	1.2	.8	1.0	.3	.5	.1					5.3	8.7
NNE	1.1	.8	.1	.1								2.0	4.3
NE	.9	.5	.0	.2								2.3	5.4
ENE	.4	.2	.4	.5	.1							1.8	8.8
E	2.0	.6	.6	.5	.1							4.6	5.5
ESE	2.3	2.0	.8	.3								5.4	4.0
SE	4.1	4.1	1.2	.3								9.7	4.3
SSE	3.5	4.8	2.2	.9	.4							11.8	5.7
S	3.8	3.7	2.5	.8								10.6	5.4
SSW	.9	.2	.3	.1								1.5	4.4
SW	.2											.2	2.0
WSW	.3	.6	.1	.1								1.2	5.3
W	.9	1.0	.9	.3								3.0	6.1
WNW	.9	.8	.6	.3								2.6	6.1
NW	1.7	1.6	.9	.4			.1					4.7	5.9
NNW	.9	1.4	.5	.6	.5	.2						4.2	8.6
VARBL													
CALM												29.0	
	25.9	23.5	12.5	6.8	1.5	.5	.2					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/LSAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE 7-70, 73-78 YEARS MAR MONTH  
ALL WEATHER CLASS 1200-1400 HOURS (LST)  
 CONDITION

SPEED KNOTS, DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	1.3	1.2	.5	.2						6.9	8.4
NNE	2.2	.5	.2									2.9	2.9
NE	.5	1.1	.4	.1								2.3	5.4
ENE	.3	.3	.5				.1					1.3	7.4
E	1.2	1.1	.6	1.5								4.2	7.6
ESE	1.1	1.0	.6	.3								3.0	5.3
SE	1.5	1.2	.6									3.8	4.4
SSE	1.0	1.2	2.0	1.0								5.2	7.4
S	.0	1.2	2.4	1.2	.1	.1						3.6	8.6
SSW	.3	.5	.5	.3								1.9	6.4
SW	.5	.3	.2	.2								1.3	6.2
WSW	.5	.5	.4	.2								1.8	5.9
W	.5	1.8	2.7	1.5	.2							7.1	8.4
WNW	1.5	4.0	6.1	1.7	.1							13.4	7.3
NW	1.7	5.7	6.8	1.1		.2						16.5	6.9
NNW	1.3	3.8	3.4	1.2	1.0	.2						10.9	8.3
VARBL													
CALM												12.0	
	16.8	27.8	29.1	11.4	1.9	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

3

DATA PROCESSING BRANCH  
 FTAL/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23113      MARCH AFB CA/RIVERSIDE      67-70, 73-78      44R  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-32	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.5	1.7	.6							4.3	11.1
NNE	.3	.5	.2									1.1	5.2
NE	.4	.3	.3	.1								1.2	5.3
ENE	.2	.4	.4	.6								1.7	8.4
E	.3	1.0	.6	.2	.1							2.3	6.9
ESE	.2	.3	.2	.4								1.2	7.6
SE	.5	.5	.3									1.4	6.7
SSE	.1	.5	.4	.3								1.4	7.6
S	.5	1.0	3.0	1.1								5.6	8.2
SSW	.5	.5	1.3	.5								2.9	7.4
SW	.2	.4	.4	.2								1.3	7.3
WSW	.3	.5	.4	.3								1.6	6.8
W	.5	2.6	3.2	1.9	.4							8.7	8.7
WNW	1.3	4.1	8.7	2.7								16.8	8.0
NW	1.2	9.0	16.8	3.8	.2	.1						31.1	7.9
NNW	1.5	4.1	3.9	1.5	.6	.1						11.7	7.6
VAABL													
CALM												5.8	
	8.6	27.0	40.9	15.5	2.0	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

3  
 10114

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23110 STATION NAME MARCH AFB CA/RIVERSIDE YEAR 47-70, 73-78 MONTH MAR  
 CLASS ALL WEATHER HOURS (L & T) 1800-2000  
 CON OFFICE \_\_\_\_\_

SPEED (KNTS) DIR	1-3	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	1.7	.9	.3	.1							4.0	6.0
NNE	.9	1.0	.4	.1								1.9	6.0
NE	.5	.2	.3									1.2	4.4
ENE	.3	.3	.2									.9	4.8
E	.8	.5	.2	.5								2.0	6.4
ESE	.3	.3	.1									.8	4.6
SE	1.1	2.2	.6	.2								4.1	5.2
SSE	.9	2.4	1.5									4.7	5.7
S	1.7	2.0	1.1	.3								5.2	5.3
SSW	1.2	.9	.5									2.4	4.5
SW	.1	.5	.1									.8	5.0
WSW	.5	.1	.1	.1								.9	4.5
W	2.3	1.0	1.2									5.1	4.6
WNW	4.3	7.3	2.5	.5								14.6	4.9
NW	4.7	12.3	6.5	.4								23.9	5.5
NNW	3.2	4.3	1.4	.4		.1						9.5	5.8
VARB'													
CALM												18.3	
	23.2	37.6	17.6	3.0	.1	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23114  
STATION

WARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 75-78  
YEARS

MAP  
MONTHS

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

COUNTRY

SPEED KNT'S DIR	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	.5	.5	.2							4.0	5.6
NNE	.9	.4										1.3	3.0
NE	1.1	.8	.1	.3								2.2	5.0
ENE	.4	.2		.1								.8	4.7
E	1.0	.2	.2	.1								1.5	3.9
ESE	.9	1.0	.4	.1								2.6	4.5
SE	2.0	2.0	1.0	.4								5.5	5.2
SSE	2.6	4.2	1.7	.1								8.6	6.8
S	3.7	2.5	.5	.3								7.0	4.2
SSW	.9	.6										1.5	3.1
SW	.5	.2										1.0	2.4
WSW	1.0	.3										1.3	2.8
W	1.7	.6	.1									2.5	3.1
WNW	2.2	.8	.6		.1							3.7	4.1
NW	2.5	2.5	.1									5.1	3.6
NNW	1.4	2.3										3.7	3.7
VARIABLE													
CALM												48.3	
	24.4	19.6	5.2	2.3	.3							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/14AC

### SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE 51-70,73-78 MAR  
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	.7	.2	.3	.1	.0					4.1	8.0
NNE	.3	.5	.4	.1								1.8	5.2
NE	.0	.5	.3	.1								1.5	5.1
ENE	.3	.3	.3	.2	.0	.0						1.1	7.1
E	.9	.6	.3	.1	.0							2.2	5.8
ESE	.9	.7	.4	.1								2.1	4.8
SE	2.1	1.9	.9	.2	.0							5.2	4.8
SSE	2.0	2.7	1.5	.4	.1	.0						6.7	5.5
S	2.2	1.8	1.4	.6	.0	.0						6.0	5.5
SSW	.7	.5	.3	.1								1.7	4.9
SW	.5	.3	.1	.1								.9	4.5
WSW	.5	.3	.1	.1								1.0	4.8
W	1.1	1.2	1.0	.5	.1							3.9	6.2
WNW	1.5	2.2	2.4	.7	.0							6.8	6.4
NW	1.9	4.3	3.9	.7	.0	.1	.0					10.9	6.4
NNW	1.2	2.2	1.2	.5	.3	.1						5.8	6.7
VARBL													
CALM												38.4	
	18.4	1.2	15.2	5.7	.8	.3	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23110  
STATION

MAC AFB CA/RIVERSIDE  
STATION NAME

57-70, 73-78  
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	.9	.7	.1	.2								1.9	4.4
NNE	.1		.1									.2	5.5
NE	.2	.1	.2									.6	5.4
ENE		.3										.3	4.7
E	.4											.4	1.8
ESE	1.4	.4										1.9	2.9
SE	1.8	1.3	.3									3.4	3.6
SSE	2.9	2.3	.8									6.0	3.9
S	2.6	2.1	.4									5.1	3.9
SSW	.9	.3										1.2	2.7
SW	.9	.3										1.2	2.6
WSW	.1	.1										.2	3.5
W	1.2	.3	.2									1.8	3.6
WNW	1.1	.8	.6	.2								2.7	5.3
NW	2.4	1.7	.1									4.2	3.4
NNW	1.6	1.0	.2	.2								3.0	4.3
VARBL													
CALM												65.8	
	13.6	11.9	3.1	.7								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23110  
 STATION

MARCH AFB CA/RIVERSIDE  
 STATION NAME

67-70, 73-78  
 YEARS

APR  
 MONTH

ALL WEATHER  
 CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.7	.3	.1								1.9	4.6
NNE	.6	.1	.3									1.0	4.2
NE	.4	.3	.2	.1								1.1	5.4
ENE	.4	.1	.2									.8	4.0
E	.6	.2		.3								1.1	5.5
ESE	.6	.1										.7	2.5
SE	1.8	1.3										3.1	2.9
SSE	2.6	3.2	.1									5.9	3.8
S	2.0	2.2	.3	.1								4.7	4.0
SSW	.0	.2	.1									.9	3.3
SW	.4	.2										.7	3.7
WSW	.1	.1										.2	2.5
W	.6	.7	.3	.1								1.9	4.8
WNW	.8	.3	.1	.1								1.3	3.9
NW	2.0	1.2	.2									3.4	3.3
NNW	1.6	.8	.2	.1								2.7	3.8
VARBL													
CALM												68.7	
	15.9	11.9	2.6	1.0								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.4		.2	.1	.1						1.8	6.1
NNE	.4	.2	.1	.2								1.0	5.6
NE	.3	.2	.1									.7	3.8
ENE	.1	.6	.2	.1								1.0	6.7
E	1.9	.2		.3								2.4	3.5
ESE	1.7	.3										2.0	2.7
SE	4.0	3.2	.4	.1								7.8	3.7
SSE	3.8	4.4	.9									9.1	4.0
S	4.9	2.3	.4									7.7	3.2
SSW	1.2	.6										1.8	2.9
SW	.3	.3										.7	2.7
WSW	.4	.1										.6	2.8
W	1.1	.6	.2									1.9	3.6
WNW	.8	1.1	.2									2.1	4.4
NW	1.1	1.2	.2									2.6	4.1
NNW	.6	1.0	.3									1.9	4.5
VARBL													
CALM												55.1	
	23.6	16.9	3.2	1.0	.1	.1						100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION    MARCH AFB CA/RIVERSIDE STATION NAME    57-70,73-78 YEARS    APR MONTH

CLASS All of them

CONDITION

0900-1100 HOURS (LST)

SPEED (KTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.4	1.0	.3	.3	.1						6.2	6.0
NNE	2.2	.4										2.7	2.5
NE	1.1	1.2	.4	.2								3.0	4.7
ENE	.8	.3	.4	.3								1.9	6.1
E	2.2	.8	.6	.4								4.0	4.7
ESE	3.9	1.6	.4									5.9	3.5
SE	2.8	3.9	.7									7.3	4.1
SSE	2.2	2.7	1.9	.4								7.2	5.3
S	2.8	3.6	1.1	.3								7.8	4.7
SSW	1.3	1.3	.2	.1								3.0	4.1
SW	.9	.7										1.6	3.2
WSW	.7	.7	.4									1.8	4.9
W	1.4	1.8	1.0	.6	.1							4.9	6.0
WNW	1.6	2.8	1.1	.4								5.9	5.5
NW	1.4	4.3	2.6	.4		.1						8.9	6.2
NNW	1.7	2.0	1.2	1.0	.1							6.0	6.4
VARBL													
CALM												22.0	
	29.0	30.4	13.1	4.7	.6	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH APR CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.3	2.0	.7								9.0	5.9
NNE	1.7	1.0	.9		.2							3.8	5.4
NE	.4	.7	.2	.1								1.4	5.3
ENE	.2	1.1	.2									1.6	5.5
E	.0	1.1	.1	.2								2.0	5.4
ESE	1.0	.6	.7	.1								2.3	4.9
SE	.6	.8	.6	.1								2.0	5.9
SSE	.6	1.2	.4	.7	.1							3.0	7.0
S	1.1	1.8	1.4	1.3	.2							5.9	7.5
SSW	.6	.7	.4	.7								2.3	7.2
SW	.2	.7	.4	.1								1.4	5.8
WSW	.3	1.1	.4		.1							2.0	5.8
W	1.8	2.8	3.1	.7	.4							8.8	7.2
WNW	1.0	5.2	7.3	1.2								14.8	7.4
NW	1.2	6.9	11.1	2.3	.1							21.7	7.6
NNW	1.3	3.7	4.6	1.6	.3							11.4	7.6
VARBL													
CALM												6.0	
	14.6	33.6	34.0	9.8	1.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.6	.6		.1						3.6	7.8
NNE	.7	.1	.2		.1	.1						1.2	6.8
NE	.1	.7										.8	4.4
ENE	.0	.2										.8	3.1
E	.1	.4	.3	.1								1.0	5.1
ESE	.2	.3										.6	3.6
SE		.4	.3	.1								.9	7.6
SSE		.6	.6	.1								1.2	7.5
S	.2	.2	1.4	1.0								2.9	9.9
SSW	.2	.1	1.1	.9	.1							2.4	16.3
SW		.1	.3	.1								.6	8.8
WSW	.1		.6	.3	.1							1.1	10.6
W	.4	1.3	3.2	2.1	.1							7.2	9.2
WNW	.4	3.7	12.7	6.4	.1							23.3	9.2
NW	.9	5.2	22.9	7.9	.2							37.1	9.0
NNW	.7	2.3	7.1	3.1	.1							13.3	9.1
VARBL													
CALM												2.0	
	5.3	16.4	52.3	22.8	.9	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

1948

3

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23110 STATION NAME MARCH AFB CA/RIVERSIDE YEARS 71-70, 73-78 MONTH APR  
 CLASS ALL WFTHEX MONTH 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	1.1	2.1	.7	.0								4.1	4.8
NNE	.7	.8	.3									1.8	4.6
NE	.3	.4										.8	3.3
ENE	.3	.2	.1									.7	4.2
E	.1	.2	.2									.6	5.4
ESE	.4	.4	.1									1.0	4.1
SE	.3	1.0	.6	.1								2.0	5.7
SSE	1.0	1.1	.5	.1								2.8	4.7
S	1.1	1.7	1.0	.2								4.0	5.5
SSW	.4	.6	.1	.2								1.3	5.6
SW	.1	.2	.2									.6	4.2
WSW	.2	.6	.4									1.2	5.8
W	1.2	1.9	1.3	.1	.1							4.7	5.8
WNW	2.1	5.1	5.6	1.6								14.6	4.7
NW	4.3	14.6	14.1	.9								33.9	6.2
NNW	2.2	5.7	3.7	.1	.1							11.8	5.6
VARBL													
CALM												14.3	
	16.1	36.6	29.2	3.6	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH APR CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEAR

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	.9	2.0	.1									3.0	4.1
NNE	.6	.3										.9	3.0
NE	.3	.1	.1									.6	3.8
ENE	.1											.1	2.0
E	.4	.3	.1									1.2	3.0
ESE	1.2	.6	.2									2.0	3.6
SE	2.4	1.9	1.0									5.3	4.4
SSE	2.2	3.4	1.2									6.9	4.6
S	2.4	3.6	.3									6.3	4.0
SSW	1.0	.6	.1									1.7	3.3
SW	1.7											1.7	2.3
WSW	.2	.3										.6	3.2
W	2.9	1.2	.1	.1								3.4	3.6
WNW	2.6	1.1	.3									4.0	3.5
NW	3.0	3.2	.2									6.4	3.6
NNW	2.2	2.9	.4									5.6	4.0
VARBL													
CALM												50.3	
	23.7	21.6	4.3	.1								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 900

1  
3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23117 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      47-70, 73-78 YEARS      APR MONTH

CLASS      ALL WEATHER      ALL 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	1.2	1.7	.7	.3	.1	.0						3.9	5.7
NNE	.9	.4	.6	.0	.0	.0						1.6	4.6
NE	.4	.5	.4	.1								1.1	4.7
ENE	.3	.4	.2	.1								.9	5.2
E	.6	.4	.2	.2								1.6	4.5
ESE	1.3	.5	.2	.0								2.0	3.6
SE	1.7	1.7	.5	.1								4.0	4.2
SSE	1.9	2.4	.8	.2	.0							5.3	4.7
S	2.1	2.2	.8	.4	.0							5.5	4.9
SSW	.8	.5	.3	.2	.0							1.8	5.4
SW	.6	.3	.1	.0								1.0	4.0
WSW	.3	.4	.2	.0	.0							1.0	5.7
W	1.2	1.3	1.2	.5	.1							4.3	6.4
WNW	1.3	2.5	3.5	1.2	.0							8.6	7.2
NW	2.1	4.8	6.4	1.4	.0	.0						14.8	7.0
NNW	1.5	2.4	2.2	.8	.1							7.0	6.5
VARBL													
CALM												35.6	
	18.3	22.4	17.7	5.4	.4	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7200

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

23110  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

MAY  
MONTH

ALL W.F.T.H.  
CLASS

0000-0205  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS, DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3										.6	3.2
NNE	.1											.1	2.0
NE	.3											.3	2.3
ENE	.2	.1										.3	3.0
E	.4	.1										.5	3.2
ESE	.3	.1	.1									.5	4.2
SE	1.3	.6	.1									2.0	3.3
SSE	3.3	3.8	1.0									8.1	4.1
S	1.5	2.3	1.1									4.8	4.8
SSW	.2	.2	.1									.5	4.4
SW	.1	.3										.4	4.0
WSW	.1											.1	2.0
W	.9	.1										1.0	2.3
WNW	2.4	.6										3.0	2.4
NW	5.5	3.3	.1									8.9	3.2
NNW	2.8	1.7										4.5	3.3
VARBL													
CALM												4.0	
	19.8	13.7	2.5									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAF

**SURFACE WINDS**

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      67-70, 73-78 YEARS      MAY MONTH  
 CLASS ALL W.F. TIME      HOURS (L & T) 0300-0500  
 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	.7	.3										1.2	2.8
NNE	.3	.2										.5	2.8
NE	.1											.1	2.9
ENE	.2											.2	2.5
E	.4			.1								.5	4.2
ESE	.3	.3	.6									.9	4.9
SE	.4	.9	.1									1.4	4.2
SSE	2.2	3.9	.6									6.6	4.0
S	2.2	2.3	.6									5.2	4.4
SSW	.1	.2	.1									.4	5.8
SW	.4	.1										.5	2.6
WSW	.2	.1										.3	3.9
W	.9											.9	1.3
WNW	1.5	.4										1.9	2.6
NW	4.1	2.5	.1									6.7	3.2
NNW	2.6	2.2										4.2	3.4
VARBL													
CALM												68.5	
	16.6	13.3	1.5	.1								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 920

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

23113      MARCH AFB CA/RIVERSIDE      47-70.73-78      MAY  
STATION      STATION NAME      TIME      MONTH

ALL WEATHERS  
CLASS

0000-0300  
PERIOD (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	.0	.8										1.5	3.1
NNE	.3	.3	.1									.8	4.0
NE	.0	.1										.9	2.3
ENE	.2			.1								.3	3.3
E	.6	.1	.1		.1							1.1	4.3
ESE	.9	.6										1.5	3.1
SE	4.3	2.4	.1									6.8	3.1
SSE	2.6	4.5	1.1	.1								8.3	4.5
S	4.8	3.8	1.4									10.0	4.2
SSW	.9	.9	.2									1.6	4.1
SW	.5		.2									.8	4.0
WSW	.2											.2	2.0
W	1.0	.1										1.1	2.3
WNW	1.3	.3										1.6	2.5
WW	2.0	1.3										3.3	3.1
WNW	2.0	1.8	.3									4.2	3.8
VARBL													
CALM												56.1	
	23.3	16.6	3.7	.2	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS      930

3

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAF

### SURFACE WINDS

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

23110 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-70, 73-78 TRAFFIC  
 ALL WEATHER CLASS  
 MAY MONTHS 0900-1100 HOURS (LST)

DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.9	3.3	.0	.2	.1							3.2	4.3
NNE	3.3	1.0	.2									4.5	2.0
NE	1.9	.8	.1									2.8	3.0
ENE	1.1	.2	.1	.1								1.5	3.7
E	2.2	.8	.2	.5	.1							4.1	5.4
ESE	1.1	.5	.3									1.9	4.2
SE	2.6	1.6	.3									4.7	3.6
SSE	2.5	2.2	.9	.3								5.8	4.6
S	2.3	2.3	1.7	.5	.1							6.9	5.9
SSW	1.3	.2	.2	.1	.1							1.9	4.3
SW	1.1	.1	.2	.1	.1							1.6	4.9
WSW	.5		.1									.9	2.5
W	2.3	2.3	.5									5.1	3.8
WNW	1.9	3.8	2.3									3.0	5.2
NW	3.3	5.7	2.6	.2								11.8	4.9
NNW	2.2	4.1	1.2	.2	.1							7.8	5.1
VARI													
CALM												22.5	
	34.0	25.7	11.6	2.6	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 630

3  
3  
4  
01166

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23119 STATION NAME MARCH AFB CA/RIVERSIDE TEL. NO. 7-70,73-78 MONTH MAY  
 CLASS ALL WEATHER HOURS (L & 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	1.3	2.5	2.5	.3	.8								7.4
NNE	.8	1.3	.4	.1								2.6	5.1
NE	.8	.2	.2									1.3	4.3
NENE	.5	.6	.4									1.6	4.9
E	.4	.8	.6	.4								2.3	6.2
ESE	.3	.5	.2									1.1	5.4
SE	.1	.3	.3									.8	5.9
SSE	.6	.4	.5	.1								1.7	5.4
S	.8	1.5	.9	.4								3.6	6.1
SSW	.2	.3	.4	.3								1.3	8.3
SW	.4	.5	.3	.1								1.6	5.8
WSW	.2	.4	.5									1.6	5.0
W	1.4	4.1	2.4									7.9	5.6
WNW	1.3	6.0	9.8	1.4								1.5	7.4
NW	1.5	8.8	14.4	4.1	.1							19.1	7.7
NNW	1.5	4.1	7.1	1.5	.1							14.3	7.4
VARBL													
CALM												3.7	
	12.6	32.5	41.4	8.8	1.0							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION: 23119      STATION NAME: MARCH AFB CA/RIVERSIDE      YEARS: 67-70, 73-78      MONTH: MAY  
 CLASS: ALL WEATHER      HOURS (L.S.T.): 1500-1700  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.9	.5	.1							2.9	7.8
NNE	.1	.3	.1									.5	4.6
NE	.1	.1										.2	3.5
ENE	.2	.4	.1									.8	4.9
E	.1	.2	.3	.1								.8	7.1
ESE		.1	.2									.3	6.3
SE	.1		.1									.2	6.0
SSE		.1	.1	.1								.3	8.7
S	.1	.4	.4	.5								1.5	8.9
SSW		.2	.3	.1								.9	9.6
SW			.3									.3	8.7
WSW		.1	.1	.1								.3	9.3
W	.2	1.3	1.9	.5								4.0	7.8
WNW	.3	2.4	12.4	5.1								21.2	7.3
NW	.1	4.5	28.0	16.0	.1							48.7	9.7
NNW	.4	1.6	8.4	5.8	.1							16.3	9.7
VARBL													
CALM												.8	
	2.3	12.8	54.7	29.1	.3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MARCH AFB CA/RIVERSIDE 7-70, 73-78 YEARS MAY MONTH  
 1800-2000 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.5	1.1	.1								4.6	5.7
NNE	.3	.6	.1									1.1	4.1
NE	.2	.2										.4	3.3
ENE	.2	.1										.3	2.7
E		.1	.2									.3	6.7
ESE	.1	.4										.5	3.8
SE		.4	.2									.6	6.2
SSE	.2	1.1	.2									1.8	4.1
S	.2	.2	.5	.3								1.3	8.0
SSW	.2	.4	.1									.8	4.3
SW		.1	.1	.1								.3	8.0
WSW	.1											.1	1.0
W	.9	.9	.4	.1								2.3	4.8
WNW	3.1	6.3	7.2	.5								17.2	6.0
NW	5.1	16.7	18.2	2.5								42.4	6.6
NNW	2.7	7.1	5.3	1.2								16.2	6.2
YARBL													
CALM												9.7	
	14.5	37.2	33.7	4.4								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

1  
3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 67-70, 73-78 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	.6	1.1	.1									1.8	4.0
NNE	.4	.2										.6	3.5
NE	.2											.2	1.5
ENE	.1	.1	.1									.3	5.0
E	.2	.1	.1									.4	4.8
ESE	.3											.3	2.0
SE	.9	.8	.2									1.8	4.0
SSE	1.8	4.0	.8									6.6	4.3
S	2.2	1.0	.8									4.5	4.0
SSW	.5	.3	.1									1.0	3.6
SW	.9	.1										1.0	2.4
WSW	1.2											1.2	2.3
W	1.5	.6	.1									2.3	2.9
WNW	4.8	2.4	.1									7.3	3.0
NW	6.5	4.9	1.0									12.4	3.7
NNW	3.8	2.2	1.2									7.1	3.5
VARBL													
CALM												51.2	
	25.9	18.4	4.5									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

3  
9489

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/11AC

**SURFACE WINDS**

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

23113 STATION MARCH APR CA/RIVERSIDE STATION NAME 7-70, 73-78 YEARS MAY MONTH  
 ALL WEATHER CLASS ALL HOURS (LST) HOURS (LST)  
 CONDITION

SPEED (KNTS, DIP)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	.6	.2	.1							3.5	5.5
NNE	.7	.5	.1	.0								1.3	3.7
NE	.6	.2	.1									.8	3.1
ENE	.3	.2	.1	.0								.7	4.2
E	.0	.3	.2	.1	.0							1.3	5.6
ESE	.4	.3	.1									.9	4.2
SE	1.2	.9	.2									2.3	3.7
SSE	1.7	2.5	.6	.1								4.9	4.4
S	1.7	1.8	.9	.2	.0							4.7	5.1
SSW	.4	.3	.2	.1	.0							1.0	5.4
SW	.4	.2	.2	.0	.0							.8	4.8
WSW	.4	.1	.1	.0								.6	3.7
W	1.1	1.2	.7	.1								3.0	4.8
WNW	2.1	2.8	4.1	.9								9.8	6.6
NW	3.5	6.0	8.0	2.9	.0							20.4	7.0
NNW	2.2	3.1	2.9	1.1	.0							9.3	6.4
VARBL													
CALM												34.6	
	18.6	21.6	19.2	5.7	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7438

3  
1

DAT: PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      67-70.73-78 YEARS      JULY MONTH

ALL WEATHER CLASS      0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) D.R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.1										2.8	2.9
NNE	.3											.3	1.7
NE	.1											.1	2.0
NNE													
E	.1											.1	2.0
ESE	.1											.1	2.0
SE	.2	.7	.1									1.0	4.4
SSE	2.0	2.0	.7									4.7	4.2
S	1.4	1.0	.8	.1								3.3	4.4
SSW	.2											.2	1.5
SW	.3											.3	2.0
WSW	.1	.1										.2	3.0
W	.6	.2										.8	3.1
WNW	3.1	1.2										4.3	2.8
NW	6.1	3.1										9.2	3.0
NNW	3.7	3.4										7.1	3.5
VARBL													
CALM												65.3	
	20.1	12.9	1.6	.1								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23113 STATION MARCH AFB CA/RIVERSIDE 67-76, 73-78 YEARS JUN MONTH  
 CLASS ALL WFTHE  
 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	1.6	.4										1.7	2.9
NNE	.3	.1										.4	2.3
NE	.3	.1										.4	2.8
ENE	.1											.1	2.0
E	.1	.1										.2	3.0
ESE	.4	.1										.6	2.4
SE	.5	1.0	.3									1.9	4.4
SSE	2.4	2.1	1.2									5.8	4.7
S	1.2	1.0	.1									2.3	3.7
SSW	.1											.1	1.0
SW	.2											.2	1.5
WSW	.5											.6	2.0
W	.9	.1										1.0	2.1
WNW	2.9	.7										3.6	2.5
NW	3.3	1.4										4.8	2.8
NNW	2.7	2.0	.1									4.8	3.5
VARBL													
CALM												71.6	
	17.4	9.2	1.8									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      7-70, 73-78 YEARS      JULY MONTH  
 ALL WEATHER CLASS      0500-0800 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	1.7	.7	.1									2.4	3.0
NNE	.7											.7	1.8
NE	.9											.9	2.0
ENE	.9	.3		.1								1.0	4.2
E	.9											.9	2.1
ESE	1.7	.1										1.8	2.1
SE	2.1	1.9	.2									5.2	3.1
SSE	2.4	2.9	.7	.1								6.1	4.2
S	4.3	1.8	.7	.2								7.0	3.7
SSW	.7	.2	.1									1.0	3.6
SW	.7											.7	2.0
WSW	.1											.1	3.0
W	.6											.6	1.6
WNW	.8	.6	.1									1.4	3.3
NW	2.3	1.6	.1									4.0	3.2
NNW	2.2	1.1										3.3	2.8
V													
CALM												62.9	
	23.6	11.1	2.0	.4								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS      900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23112  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEARS

JULY  
MONTH

ALL AT THIS  
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	3.4	3.7	1.6	.1								8.3	4.6
NNE	1.0	1.0	.1									2.7	3.5
NE	1.9	.3	.1									2.3	2.5
ENE	.9	.4		.1								1.4	3.3
E	2.1	.3	.3	.2	.1							3.1	4.2
ESE	2.1	.6	.2									2.9	3.0
SE	2.3	1.8	.7	.1								4.9	4.2
SSE	2.4	1.8	.4	.3								5.0	4.6
S	2.4	2.2	.4	.1								5.2	4.1
SSW	1.3	.6	.1									2.4	2.8
SW	.9	.3										1.7	2.6
WSW	.7	.2										.9	2.8
W	2.0	2.1	.3									4.4	3.8
WNW	2.0	5.3	2.1	.1								9.6	5.3
NW	2.6	5.9	5.0	.2								13.7	5.6
NNW	1.7	4.6	1.7	.2								9.1	5.0
VARBL													
CALM												22.3	
	31.8	31.1	13.1	1.6	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 000

3

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MARCH AFB CA/RIVERSIDE 7-70, 73-78 YEARS JUN MONTH  
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.7	3.4	.6								9.9	6.4
NNE	.2	.9	.1									1.2	4.6
NE	.2	.7										.9	4.4
ENE	.1	.1										.2	3.5
E		.2	.2									.4	7.8
ESE	.1	.1										.2	4.0
SE	.4	.2	.2	.1								1.0	5.7
SSE	.2	.5	.2	.2								1.6	7.2
S	.3	.8	.2	.2								1.6	5.7
SSW	.4	.3	.1									.7	3.2
SW	.3	.4	.1									.9	4.4
WSW	.3	.1	.2									.7	5.5
W	1.1	3.3	2.0	.2								6.7	5.8
WNW	.7	7.4	13.1	1.3	.1							25.1	7.7
NW	1.1	8.2	16.3	5.7								31.3	8.2
NNW	.7	3.8	9.4	2.2								16.1	8.1
VARBL													
CALM												2.1	
	7.3	31.4	47.8	11.2	.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

19485

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEARS

JULY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	2.2	.0								3.6	8.5
NNE	.1	.1										.2	3.5
NE													
ENE		.1										.1	4.0
E	.1	.2										.3	4.3
ESE		.1										.1	4.0
SE	.1											.1	3.0
SSE			.1	.1								.2	10.0
S	.1		.6	.1								.8	9.1
SSW													
SW													
WSW	.1											.1	2.0
W	.1	.0	1.1									1.8	6.8
WNW		1.9	16.7	7.2	.1							25.9	9.7
NW	.2	3.7	27.0	17.0	.4							49.1	10.1
NNW	.1	1.2	8.6	7.0	.1							17.0	10.2
VARBL													
CALM												.7	
	1.1	6.9	56.2	32.8	.7							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAF

### SURFACE WINDS

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

23119 STATION    MARCH AFB CA/RIVERSIDE STATION NAME    67-70, 73-78 YEARS    JUN MONTH  
 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	1.3	.2	.1								3.0	6.5
NNE		.1										.1	4.0
NE		.1										.1	5.0
ENE													
E													
ESE													
SE		.2	.1									.3	5.3
SSE	.1	.3	.3									.8	5.1
S	.1	.2	.2	.1								.7	7.3
SSW	.1											.1	2.0
SW	.2											.2	2.5
WSW	.2	.1										.3	2.7
W	.7	.4	.1									1.2	3.3
WNW	2.1	6.3	7.8	.8								17.0	6.5
NW	4.1	16.8	24.8	3.4								49.1	7.1
NNW	1.2	7.7	10.3	1.3								20.6	7.2
VARBL													
CALM												6.4	
	9.3	33.7	44.0	6.0								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

4  
3  
4

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      7-70,73-78 YEARS      JULY MONTH

ALL WEATHER CLASS      2100-2300 HOURS (LST)

CONDITION

8.11.68

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.0										2.8	3.0
NNE	.2	.1										.3	2.7
NE	.2											.2	2.5
ENE													
E	.1											.1	2.0
ESE													
SE	.7	.3	.2									1.2	4.1
SSE	.9	2.1	.6									3.6	4.7
S	1.1	1.8	1.2									4.1	5.1
SSW	.3	.1										.4	3.5
SW	.1											.1	3.0
WSW	.2											.2	1.5
W	1.3	.9										2.2	3.0
WNW	5.7	2.3	.2									8.2	2.9
NW	10.4	6.7	.2									17.3	3.3
NNW	2.5	4.4	.2									10.2	3.4
VARB													
CALM												45.9	
	28.7	19.8	2.7									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 900

3

DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

23116 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-79, 73-78 YEAR MONTH ALL WINDS ALL MONTHS

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	1.4	1.7	1.0	.2								4.4	5.2
NNE	.4	.3	.0									.7	3.3
NE	.5	.2	.0									.6	2.9
ENE	.2	.1	.0	.0								.4	3.6
E	.4	.1	.1	.0	.0							.7	4.0
ESE	.6	.1	.0									.7	2.7
SE	.9	.8	.2	.0								2.5	4.0
SSE	1.3	1.4	.5	.1								3.4	4.7
S	1.4	1.1	.5	.1								3.1	4.5
SSW	.5	.1	.0									.6	2.9
SW	.3	.1	.0									.5	2.6
WSW	.3	.1	.0									.4	2.1
W	.9	1.0	.4	.0								2.3	4.5
WNW	2.2	3.2	5.2	1.2	.0							11.9	6.9
NW	3.8	5.2	9.2	3.6	.1							22.3	7.2
NNW	4.3	3.5	3.6	1.3	.0							11.0	6.6
VARB													
CALM												35.0	
	17.4	19.1	21.2	6.5	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7209

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.5										1.3	3.1
NNE	.2											.2	1.5
NE			.1									.1	8.0
ENE	.2											.2	2.5
E	.3											.3	2.0
ESE		.1										.1	5.0
SE	.4		.1									.5	3.2
SSE	.9	.3	.2									1.4	3.8
S	.5	.1										.6	2.3
SSW	.3											.3	1.3
SW													
WSW	.2	.2										.4	3.5
W	1.3	.4	.1									1.8	3.2
WNW	2.4	1.5										3.9	2.9
NW	5.8	1.5										7.3	2.5
NNW	3.8	.2										4.0	2.3
VARBL													
CALM												77.4	
	17.1	4.9	.5									100.0	.6

TOTAL NUMBER OF OBSERVATIONS

930

3  
4  
9489

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
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 - 53	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.1									1.5	3.4
NNE	.2											.2	2.0
NE	.1	.1										.2	3.0
ENE	.3											.3	2.0
E	.1											.1	2.0
ESE	.2											.2	2.5
SE	.3	.2										.5	3.4
SSE	1.6	.5										2.2	2.9
S	.4	.2	.3									1.0	4.3
SSW	.2	.1										.3	2.3
SW													
WSW													
W	.9	.2										1.1	2.4
WNW	2.2	.2										2.4	2.3
NW	2.4	.5										2.9	2.6
NNW	2.2	.1										2.3	2.2
VARBL													
CALM												84.8	
	12.0	2.7	.4									100.0	.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
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	1.8	.5										2.4	2.4
NNE	.5	.1										.6	2.5
NE	.6	.1										.8	2.3
ENE	.2											.2	1.5
E	.6	.1										.8	2.6
ESE	1.5	.2										1.7	2.3
SE	2.9	.5										3.4	2.5
SSE	2.8	.8										3.5	2.8
S	2.5	.9										3.3	2.7
SSW	.6											.6	2.2
SW	.4											.4	1.8
WSW	.3											.3	1.7
W	.8	.1										.9	2.4
WNW	.6	.3										1.0	2.8
NW	1.1	.3										1.4	2.8
NNW	1.4	.5										1.9	2.8
VARBL													
CALM												76.7	
	18.8	4.5										100.0	.6

TOTAL NUMBER OF OBSERVATIONS

930

3  
 49402

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION PLAZ

67-70, 73-78  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
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	4.3	4.2	.8									9.2	3.8
NNE	2.5	.7										3.3	2.6
NE	1.4	.1										1.5	2.5
ENE	1.2	.5										1.7	2.4
E	2.7	.3										3.0	2.4
ESE	1.7	.8										2.5	2.7
SE	3.0	1.1										4.1	2.9
SSE	1.5	.6	.3									2.5	3.7
S	2.4	1.3										3.7	2.9
SSW	1.1	.2										1.3	2.8
SW	1.1		.1									1.2	2.8
WSW	.8											.8	2.0
W	2.0	2.3	.4									4.7	2.8
WNW	2.5	6.2	2.0									10.8	4.9
NW	3.0	8.1	4.2									15.3	5.4
NNW	2.6	4.9	2.2									9.7	5.0
VARBL													
CALM												24.8	
	33.7	31.5	10.0									100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23113 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      57-70,73-78 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	.9	2.0	1.7	.2								4.8	6.3
NNE	.1	.1										.2	4.0
NE	.1	.1	.1									.3	5.3
ENE	.2											.2	3.0
E	.2	.2	.1									.5	4.6
ESE	.1	.1										.2	2.5
SE	.1	.1	.1									.3	5.0
SSE	.1	.4	.1									.6	5.2
S	.1	.4	.3	.1								1.0	7.2
SSW	.2	.1										.3	3.3
SW		.1	.1									.2	6.5
WSW		.2	.5									.8	6.7
W	.5	3.4	2.4									6.3	6.0
WNW	.2	8.3	16.3	1.7								27.1	7.6
NW	.8	8.7	23.4	4.8								37.7	8.2
NNW	.4	4.5	10.9	2.4								17.3	8.0
VARBL													
CALM												1.9	
	4.6	28.9	55.3	9.2								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

57-70, 73-78  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	1.0	1.2								2.4	10.3
NNE													
NE	.1											.1	2.0
ENE	.1	.1										.2	3.0
E	.1											.1	3.0
ESE	.1	.1										.2	3.0
SE				.1								.1	14.0
SSE		.1		.1								.2	10.5
S			.1									.1	8.0
SSW			.1									.1	8.0
SW													
WSW			.1									.1	9.0
W		.5	1.5	.3								2.4	8.5
WNW		1.2	13.3	7.1								21.6	9.9
NW	.1	2.7	29.2	19.7	.3							52.0	10.3
NNW	.1	1.2	10.0	8.3	.3							19.9	10.5
VARBL													
CALM												.4	
	.6	6.1	55.4	36.8	.6							100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

JJI  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPED (KNTS) DIR.	1 - 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	1.4	1.7	1.2								4.8	7.7
NNE	.1	.1										.2	3.5
NE	.1											.1	3.0
ENE													
E	.1											.1	3.0
ESE													
SE	.1											.1	3.0
SSE	.1	.1										.2	3.5
S	.1		.1	.1								.3	3.3
SSW	.1											.1	2.0
SW	.2											.2	2.5
WSW	.2	.1										.3	3.0
W	1.0	.9	.5									2.4	4.9
WNW	2.4	5.6	5.8	.8								14.5	6.2
NW	5.4	16.3	24.6	3.4								49.8	7.0
NNW	1.7	7.0	11.0	1.7								21.4	7.3
VARBL													
CALM												5.4	
	12.2	31.5	43.8	7.2								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23117 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-70, 73-76 YEARS JU MONTH  
 ALL WEATHER CLASS >100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED KNOTS, DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.9	.3									3.0	3.6
NNE	.2	.2										.4	3.5
NE													
ENE	.1	.1										.2	3.0
E	.2											.2	2.5
ESE	.2											.2	2.0
SE	.2											.2	2.5
SSE	.5	.6										1.3	3.7
S	1.1	.2										1.3	2.4
SSW	.1											.1	2.0
SW	.0	.1	.1									.9	3.3
WSW	.2											.2	2.5
W	2.5	1.8	.1									4.4	3.2
WNW	8.4	4.8	.2									13.4	3.2
NW	11.3	5.4	.3									17.0	3.0
NNW	4.9	3.1	.2	.1								8.4	3.4
VARBL													
CALM												48.7	
	32.5	17.4	1.3	.1								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

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

# SURFACE WINDS

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

23113 MARCH AFB CA/RIVERSIDE 67-70, 73-78 JUL  
STATION MONTH  
 ALL WEATHERS ALL  
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
M	1.4	1.3	.7	.3								3.7	5.2
NNE	.5	.2										.7	2.7
NE	.3	.1	.3									.4	3.0
ENE	.3	.1										.4	2.4
E	.6	.1	.0									.5	2.6
ESE	.5	.2										.6	2.6
SE	.9	.2	.0	.0								1.2	3.0
SSE	.9	.5	.1	.0								1.5	3.5
S	.9	.4	.1	.0								1.4	3.5
SSW	.3	.1	.0									.4	2.6
SW	.3	.0	.0									.4	3.0
WSW	.2	.1	.1									.4	3.8
W	1.1	1.2	.6	.0								3.0	4.7
WNW	2.4	3.5	4.7	1.2								11.8	6.6
NW	3.7	5.4	10.2	3.5	.0							22.9	7.4
NNW	2.1	2.7	4.2	1.6	.0							10.6	7.1
VARBL													
CALM												40.0	
	16.4	16.0	20.8	6.7	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7440

3  
1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AF

# SURFACE WINDS

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

STATION 23117    STATION NAME MARCH AFB CA/RIVERSIDE    YEARS 7-70, 73-78    MONTH AUG  
 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	1.0	.2										1.7	2.4
NNE	.2	.1										.3	2.3
NE	.1											.1	2.0
ENE	.2											.2	2.0
E		.1	.1	.1								.3	2.0
ESE			.1									.1	2.0
SE	.4	.3		.2								1.0	2.2
SSE	.2	.8	.2									1.2	2.5
S	.2	.8	.2									1.2	2.5
SSW	.4	.2										.5	2.8
SW	.4											.4	2.3
WSW	.1											.1	2.0
W	.6											.6	2.3
WNW	3.0	.6										3.7	2.6
NW	5.1	1.2	.2									6.5	2.8
NNW	2.5	.8	.1									3.3	2.6
VARBL													
CALM												73.6	
	15.1	5.1	1.0	.3								100.0	.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      7-70, 73-78 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	1.0											1.0	2.0
NNE	.4											.4	2.3
NE	.2	.1										.6	2.7
ENE	.2	.2		.2								.6	4.3
E		.2										.2	5.5
ESE	.2	.1										.3	3.0
SE	.1	.3										.4	3.8
SSE	.4	1.0										1.4	4.0
S	.8	1.4	.1									2.3	4.1
SSW													
SW	.2	.1										.3	2.7
WSW	.1	.1										.2	3.0
W	.5											.5	2.2
WNW	1.4	.3										1.7	2.6
NW	2.9	.6										3.5	2.6
NNW	1.3	.3										1.6	2.7
VARBL													
CALM												84.7	
	10.1	4.8	.1	.2								100.0	.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAF

# SURFACE WINDS

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

2311P  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0600-0800  
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	1.1	.2										1.3	2.2
NNE	.9	.1	.1									1.1	2.7
NE	.1											.1	.0
ENE	.2	.1										.3	.0
E	1.0		.2	.1								1.3	2.2
ESE	.0	.2										.9	2.8
SE	1.7	.5	.3									2.6	2.5
SSE	1.1	1.0	.4									2.3	2.2
S	1.7	1.4	.2									3.3	3.5
SSW	.6	.1										.8	2.3
SW	.2											.2	2.5
WSW	.1											.1	3.0
W	.8	.1										.9	2.4
WNW	1.1	.5	.1									1.7	3.0
NW	1.8	.3										2.2	2.5
NNW	2.2	.2										2.5	2.3
VARBL													
CALM	X											77.5	
	15.2	5.8	1.4	.1								100.0	.7

TOTAL NUMBER OF OBSERVATIONS

930

3  
9502

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      67-70, 73-78 YEARS      AUG MONTH

ALL WEATHER CLASS      0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.0	.6									5.7	4.3
NNE	1.4	.9	.1									2.4	3.1
NE	1.3	.2	.1									1.6	2.7
ENE	.6	.2	.1									1.0	3.1
E	2.4	1.2	.3	.2								4.1	3.7
ESE	1.7	.8	.2									2.7	3.3
SE	1.6	2.4	.1	.1								4.2	4.0
SSE	1.8	1.9	.5	.1								4.4	4.3
S	2.5	1.7	.2									4.4	3.3
SSW	1.0	1.0		.1								2.0	3.9
SW	1.0	.2										1.2	2.5
WSW	.5	.4										1.0	3.7
W	1.8	1.2	.4									3.4	4.0
WNW	3.1	5.3	1.4									9.8	4.5
NW	1.7	6.5	3.3									11.5	5.4
NNW	2.4	3.3	1.5	.2								7.4	4.9
VARBL													
CALM												33.2	
	26.9	30.1	9.0	.8								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

57-70, 73-78  
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	.5	2.2	1.8	.2								4.7	6.5
NNE	.2	.1	.1									.4	4.3
NE	.4			.1								.5	4.4
ENE	.1	.2										.3	3.7
E	.1	.5	.1									.8	5.3
ESE	.2	.2	.1		.1							.6	7.7
SE		.3		.1								.4	6.3
SSE	.2	.3										.5	3.6
S	.1	.9	.4	.2								1.6	7.0
SSW	.1	.1	.1	.1								.4	8.3
SW	.2	.2										.4	3.8
WSW	.1	.3										.4	4.0
W	1.2	1.9	2.3									5.4	5.8
WtW	1.2	7.4	16.9	4.1								29.6	7.9
NW	.6	8.2	20.4	5.9								35.3	8.3
NNW	.3	4.8	9.0	1.3								15.5	7.8
VARBL													
CALM												3.0	
	5.7	27.8	51.3	12.0	.1							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION    MARCH AFB CA/RIVERSIDE STATION NAME    67-70, 73-78 YEARS    AUG MONTH  
 ALL WEATHER CLASS  
 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.5	.6								1.5	9.4
NNE		.1										.1	4.0
NE	.1	.2		.1								.4	7.0
ENE													
E	.1		.1			.1						.3	11.0
ESE	.1	.2				.1						.4	9.3
SE		.1			.1							.2	10.5
SSE			.1		.1							.2	14.0
S			.1	.1								.2	10.5
SSW		.2	.2									.4	7.8
SW		.2										.2	6.0
WSW		.1										.1	4.0
W		.2	.2	.1								.6	7.3
WNW	.3	1.2	10.0	9.6								21.1	10.3
NW	.4	5.0	24.6	27.9	.6							58.5	10.5
NNW		1.5	7.0	6.6								15.1	10.3
VARBL													
CALM												.4	
	1.1	9.4	43.0	45.0	.9	.2						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 928

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 23119 STATION NAME: MARCH AFB CA/RIVERSIDE YEARS: 67-70, 73-78 MONTH: AUG  
 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	.6	1.5	1.0	.1								3.2	5.5
NNE	.1	.1	.2	.1								.5	7.2
NE	.1		.1									.2	6.0
ENE			.1									.1	8.0
E		.1	.1									.2	7.0
ESE													
SE		.1		.1								.2	10.0
SSE	.2	.1	.1									.4	5.5
S	.1	.2										.4	4.8
SSW		.2										.2	4.0
SW	.1											.1	2.0
WSW	.1	.1										.2	3.0
W	.6	1.3										1.9	4.0
WNW	3.9	4.1	5.4	1.5	.1							15.0	6.2
NW	5.1	14.7	21.6	4.2								45.5	7.0
NNW	3.6	8.6	8.8	1.1								22.1	6.4
VARBL													
CALM												9.5	
	14.6	31.3	37.4	7.1	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23113 STATION MARCH AFB CA/RIVERSIDE STATION NAME 67-70,73-78 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	1.2	.6	.1									2.1	3.2
NNE	.1	.1										.2	3.5
NE	.3	.2	.1									.6	4.0
ENE	.1											.1	2.0
E	.1	.1		.1								.3	7.7
ESE		.2										.2	5.0
SE	.3											.3	2.0
SSE	.5	.4										1.0	3.6
S	.8	.2	.2									1.2	3.8
SSW	.3	.1										.4	2.3
SW	.2											.2	2.5
WSW	.2											.2	2.5
W	2.6	1.5										4.1	3.1
WNW	6.2	3.7	.4									10.3	3.3
NW	7.8	5.7	.6									14.1	3.4
NMW	3.6	2.5	.8									6.8	3.6
VARBL													
CALM												57.8	
	24.4	15.4	2.3	.1								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

ALL  
MOUSE (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	1.0	.5	.1								2.7	4.8
NNE	.4	.2	.1	.0								.7	3.5
NE	.4	.1	.0	.0								.5	3.7
ENE	.2	.1	.0	.0								.3	4.0
E	.5	.3	.1	.1		.0						.9	4.8
ESE	.4	.2	.1		.0	.0						.7	4.4
SE	.5	.5	.1	.1	.0							1.2	4.3
SSE	.6	.8	.2	.0	.0							1.6	4.4
S	.8	.8	.2	.0								1.8	4.2
SSW	.3	.2	.0	.0								.6	4.1
SW	.3	.1										.4	2.9
WSW	.2	.1										.3	3.4
W	1.0	.8	.4	.0								2.2	4.3
WNW	2.5	2.9	4.3	1.9	.0							11.6	6.9
NW	3.2	3.3	8.8	4.8	.1							22.1	7.7
NNW	2.0	2.8	3.4	1.1								9.3	6.7
VARBL													
CALM												43.1	
	14.1	16.2	18.2	8.2	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

7431

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 66-70, 73-77 YEARS SEP MONTH  
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6										1.2	3.5
NNE	.1	.1										.2	4.0
NE	.2	.3	.1									.7	4.0
ENE		.1										.1	4.0
E	.2	.4	.1	.1								.9	5.5
ESE	.3	.1		.1								.6	5.6
SE	.0	.9										1.4	3.9
SSE	.1	1.0		.1								1.2	5.4
S	1.1	.9	.2									2.2	3.9
SSW		.2	.1									.3	5.7
SW	.1		.1									.2	5.0
WSW	.2											.2	2.5
W	.9	.2										1.1	2.5
WNW	1.9	1.0										2.9	2.6
NW	4.3	2.8										7.1	3.3
NNW	2.7	1.8	.1									4.6	3.3
VARBL													
CALM												75.0	
	13.4	10.4	.6	.3								100.0	.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

50-70, 72-77  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3										.6	3.6
NNE	.2	.1										.3	3.3
NE	.2	.6	.3									1.1	4.8
ENE													
E	.3	.1		.1								.6	5.2
ESE	.6	.1										.7	2.5
SE	.8	.9	.1									1.8	3.7
SSE	.8	1.7	.1									2.6	4.1
S	.7	.2	.2									1.1	4.0
SSW	.2	.2	.1									.6	4.6
SW	.3	.3										.7	3.3
WSW	.4	.1										.5	2.4
W	.6	.2										.8	2.4
WNW	1.8	1.0										2.8	3.0
NW	4.2	1.2										5.4	2.8
NNW	1.7	1.8										3.4	3.4
VARBL													
CALM												77.1	
	13.1	8.9	.8	.1								100.0	.8

TOTAL NUMBER OF OBSERVATIONS 700

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

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

60-70, 73-77  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.4	.3									2.2	3.5
NNE	.8	.3										1.1	3.2
NE	.4	.7	.1									1.2	4.1
ENE	.4	.1	.1	.2								.9	5.6
E	.3	.1	.2	.1	.1							.9	7.8
ESE	.7	.2	.3	.1								1.3	5.5
SE	2.0	.7	.1									2.8	3.0
SSE	.7	1.6	.3									2.6	4.7
S	2.3	.8	.2									3.8	2.7
SSW	.2	.3										.6	3.4
SW	.9	.3										1.2	2.3
WSW		.2										.2	4.5
W	1.1	.3										1.4	2.5
WNW	1.3	1.0	.3									2.7	4.0
NW	1.6	1.1	.5									3.2	4.1
NNW	1.0	1.1	.2									2.3	4.0
VARBL													
CALM												71.6	
	15.7	9.3	2.9	.4	.1							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23119 STATION NAME MARCH AFB CA/RIVERSIDE YEARS 66-70, 73-77 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	2.3	2.2	.7									5.2	4.0
NNE	1.3	.6										2.1	3.2
NE	1.1		.1	.1								1.3	3.3
ENE	.4	.2	.2	.2		.1						1.2	7.5
E	1.3	.4	.7	1.6	.4							4.3	9.0
ESE	2.1	.3	.4	.9		.1						3.9	6.5
SE	3.1	1.8	.7	.3								5.9	4.3
SSE	1.8	2.7	.2	.2								4.9	4.3
S	1.6	1.4	.1	.1								3.2	3.9
SSW	1.1	.4										1.6	3.0
SW	.9	.1										1.0	2.6
WSW	.7	.1										.8	2.3
W	1.6	1.6	.1									3.2	3.5
WNW	2.9	3.2	1.9	.1								8.1	5.0
NW	3.4	4.9	2.3	.1								10.8	4.8
NNW	2.6	4.0	1.1	.2								7.9	4.6
VARBL													
CALM												34.6	
	28.2	24.2	8.6	3.8	.4	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 60-70, 73-77 YEARS SEP MONTH  
 ALL WEATHER CLASS 1200-1400 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	.8	3.4	2.7	.3								7.2	6.3
NNE	.4	.8	.1									1.3	4.3
NE	.4	.6	.2	.1								1.3	5.2
ENE	.3	.2	.2	.2	.1	.1						1.2	9.0
E	.8	1.1	.9	.7	.2	.1						3.8	8.2
ESE	.4	.1	.7	.3								1.6	7.4
SE	.2	.3	.3	.2	.1							1.2	8.2
SSE	.3	.4	.2	.1								1.1	5.5
S	.2	.4	.3	.2								1.2	7.1
SSW	.1	.6	.1									.8	4.7
SW	.6	.2	.1									.9	3.9
WSW	.1	.2										.3	3.7
W	.8	2.9	2.0	.1								5.8	5.8
WNW	1.2	6.2	15.3	3.0								25.8	7.9
NW	1.2	7.1	16.6	4.1								29.0	8.1
NNW	1.2	5.1	6.6	1.2	.1							14.2	7.3
VARBL													
CALM												3.2	
	9.2	29.8	46.3	10.7	.6	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      60-70, 73-77 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	.3	1.0	2.4	1.0								4.8	8.7
NNE	.3	.1		.1								.6	5.0
NE	.1	.3	.3									.8	5.9
ENE	.1	.2		.1								.4	7.0
E			.4	1.7								2.1	12.1
ESE			.4	.8	.1							1.3	11.8
SE		.1	.1	.1								.3	8.3
SSE		.2	.1		.1							.4	9.5
S	.1	.2	.2	.1								.7	7.3
SSW			.2									.2	9.0
SW	.1											.1	2.0
WSW		.2										.2	6.0
W	.1	.6	.9	.4								2.0	8.1
WNW	.1	1.3	15.4	9.0	.1							26.0	9.9
NW		4.4	25.0	14.9	.2							44.6	9.8
NNW	.1	2.2	8.3	3.2	.3							14.3	9.3
VARBL													
CALM												1.1	
	1.4	11.0	54.0	31.6	.9							130.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2311  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

60-70,73-77  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	.8									4.8	4.3
NNE	.6	.3	.3									1.2	4.3
NE	.1	.3	.3									.8	6.3
ENE			.1									.1	7.0
E		.2	.4	.7	.1							1.4	10.4
ESE	.2	.2	.2	.2								.9	7.1
SE	.1	.2										.3	4.0
SSE	.2	.3	1.1	.1								1.8	7.1
S	.4	.8	.4									1.7	4.9
SSW	.1	.1										.2	4.0
SW	.1	.1										.2	3.0
WSW	.1											.1	3.0
W	1.6	1.0	.1									2.7	3.2
WNW	3.8	6.9	4.2	.1								15.0	5.3
NW	5.1	14.4	14.9	.6								35.0	6.2
NNW	2.6	7.3	4.6	.3								14.6	5.6
VARBL													
CALM												19.0	
	16.4	34.9	27.6	2.0	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

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

23110 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      50-70-73-77 YEARS      SEP MONTHS

ALL WEATHER CLAS      2100-2300 HOURS (L.S.T.)

LOCATION

SPEED (KNT) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.2									2.6	4.0
NNE	.2	.2	.1									.5	4.6
NE	.2	.3		.2								.8	4.1
ENE		.1	.1	.1								.3	4.7
E	.2	.2		.1								.5	4.8
ESE	.2	.2										.4	3.3
SE	.2	.4	.1									.8	5.0
SSE	1.2	.8	.8									2.8	4.8
S	1.2	1.4	.3									3.0	4.1
SSW	.2											.2	2.0
SW	.2	.1										.3	3.0
WSW	.1	.1										.2	3.5
W	1.2	.6	.2									2.0	3.3
WNW	4.8	2.7	.2									7.7	3.6
W	6.3	4.0	.4									10.8	3.4
WSW	3.0	2.3	.7									6.0	3.9
VARL													
CALM												61.0	
	20.4	15.9	3.2	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS      600

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR MAILER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	.9	.2								3.6	5.4
NNE	.5	.3	.1	.0								.9	3.8
NE	.4	.4	.2	.1								1.0	4.8
ENE	.2	.1	.1	.1	.0	.0						.5	7.5
E	.4	.3	.3	.6	.1	.0						1.8	8.8
ESE	.6	.2	.3	.3	.0	.0						1.3	6.8
SE	.9	.7	.2	.1	.0							1.8	4.4
SSE	.6	1.1	.4	.1	.0							2.2	5.0
S	1.0	.8	.3	.1								2.1	4.1
SSW	.2	.2	.1									.6	4.1
SW	.4	.2	.0									.6	3.0
WSW	.2	.1										.3	3.1
W	1.0	.9	.4	.1								2.4	4.5
WNW	2.2	2.9	4.7	1.5	.0							11.4	7.0
NW	3.3	5.0	7.5	2.5	.0							18.2	7.0
NNW	1.8	3.2	2.7	.6	.1							8.4	6.2
VAP3L													
CALM												42.8	
	14.7	17.9	18.0	6.2	.3	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

7200

3  
 1-95145

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

60-70, 73-77  
YEARS

UCT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4		.1								2.5	4.2
NNE	.5	.1	.2									.9	4.1
NE	.4	.1	.5	.2								1.3	6.8
ENE	.3	.2										.5	3.8
E	.5	.3	.1									1.0	3.4
ESE	.1	.1										.2	4.0
SE	.2	.2	.1									.5	4.4
SSE	1.0	.6	.1									1.7	3.4
S	1.4	.4	.1									1.9	3.3
SSW	.2	.1										.3	3.0
SW	.1	.1										.2	3.5
WSW	.1											.1	3.0
W	1.0	.3										1.3	2.4
WNW	1.3	.4										1.7	2.9
NW	3.1	2.3	.1									5.7	3.3
NNW	.9	1.2	.2									2.3	4.0
VARBL													
CALM												77.8	
	12.2	8.2	1.5	.3								100.0	.8

TOTAL NUMBER OF OBSERVATIONS

929

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION     MARCH AFB CA/RIVERSIDE STATION NAME     60-70, 73-77 YEARS     OCT MONTH  
ALL WEATHER CLASS     0300-0500 HOURS (L.S.T.)  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

19518

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	.1	.1								2.2	4.3
NNE	.3	.5	.2	.1								1.2	5.7
NE	.4	.3	.3	.1								1.2	5.8
ENE	.3	.2		.2								.8	6.1
E	1.0	.3		.2								1.5	3.9
ESE	.4	.2										.6	2.7
SE	.5	.3	.1									1.0	3.6
SSE	1.6	1.2										2.8	3.3
S	1.1	.3										1.4	2.5
SSW	.5	.1										.6	2.7
SW	.1	.1										.2	4.0
WSW	.3											.3	1.7
W	1.0	.2										1.2	2.5
WNW	1.5	.8										2.3	2.7
NW	1.6	1.6	.1									3.3	3.6
NNW	1.5	1.3	.1		.1							3.0	4.1
VARBL													
CALM												76.5	
	13.2	8.5	1.0	.3	.1							100.0	.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

23119  
STATION

HARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
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	1.1	.5	.5		.1							2.6	4.9
NNE	.8	.5	.4	.1								1.8	5.2
NE	.8	.4	.6	.3								2.2	6.6
ENE	.8	.3	.2	.1								1.4	5.1
E	1.0		.3	.1								1.4	4.6
ESE	1.1	.6	.1									1.8	3.4
SE	1.7	1.3	.3									3.3	3.6
SSE	2.2	1.9	.1									4.2	3.6
S	2.4	.6										3.0	2.8
SSW	.4	.1										.5	2.6
SW	.2	.1										.3	2.3
WSW	.4											.4	2.0
W	.4	.3										.8	3.6
WNW	.6	.2										.9	3.1
NW	1.2	1.0	.2									2.4	3.7
NNW	1.2	1.1	.1		.1							2.5	4.5
VARBL													
CALM												70.5	
	16.5	9.1	3.0	.6	.2							100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
YEARS

OCT  
MONTH

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

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.8	1.0	.9	.3							5.9	6.8
NNE	1.6	.5	.6									2.9	4.3
NE	1.0	.6	.8	.1								2.5	5.4
ENE	.8	.4	.6	1.3	.2							3.3	9.4
E	1.4	.5	.5	.9	.2							3.5	7.4
ESE	2.0	.4	.2									2.7	2.9
SE	3.1	2.2	.6	.1								6.0	3.9
SSE	3.3	2.7	.5									6.6	3.5
S	4.0	1.4	.4									5.8	3.2
SSW	.8	.3										1.1	3.0
SW	.9	.1	.1									1.1	2.9
WSW	.4	.1										.5	2.4
W	1.1	.4	.2									1.7	3.8
WNW	1.8	1.6	.5									4.0	4.2
NW	2.5	2.7	.4	.1								5.7	3.9
NNW	1.7	2.0	.9	.6	.1							5.4	5.9
VARBL													
CALM												41.3	
	28.3	18.0	7.6	4.0	.9							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
YEARS

0CT  
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	2.0	4.1	2.2	.2	.6	.1						9.2	6.3
NNE	1.0	1.1	.5									2.6	4.6
NE	.5	.8	.1									1.4	4.1
ENE	.3	1.4	.3	.3								2.0	6.3
E	1.1	1.2	2.2	1.4	.2							6.0	8.4
ESE	.4	.2	.6	.3								1.6	6.7
SE	1.5	.5	.6									2.7	4.1
SSE	.6	.5	.2									1.4	4.2
S	1.1	.3	.5	.2								2.2	5.4
SSW	.8	.5										1.3	3.3
SW	1.2	.2	.1									1.5	3.1
WSW	.2	.4	.2	.1								1.0	6.0
W	.8	2.0	2.4		.1	.1						5.4	6.7
WNW	1.1	5.7	8.3	1.2								16.2	7.1
NW	.9	7.8	12.2	1.3	.2							22.4	7.5
NNW	1.8	4.7	5.5	1.3	.9							14.2	7.6
VARBL													
CALM												8.9	
	15.3	31.3	35.9	6.3	2.0	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING BRANCH  
 ETAL/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
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	.4	1.5	1.0	1.0	.5							4.4	9.1
NNE	.4	.8	.3	.2	.2							1.9	7.8
NE	.1	.3	.5									1.0	6.6
ENE	.3	1.0	.6	.4	.2							2.6	7.9
E	.2	.3	1.8	.6								3.0	8.8
ESE	.1	.3	.2									.6	6.0
SE	.1	.3										.4	4.3
SSE	.1		.2									.3	6.3
S	.1	.2	.3	.1								.8	7.1
SSW		.1	.1									.2	7.5
SW			.1									.1	10.0
WSW		.1	.2	.1								.4	9.5
W	.5	1.3	1.4	.3	.2							3.8	7.4
WNW	.9	7.2	15.2	3.2								26.5	7.9
NW	.5	10.2	22.6	5.3	.2							38.8	8.3
NNW	.2	3.4	5.8	2.3	.4							12.2	8.7
VARBL													
CALM												3.0	
	4.1	27.1	57.4	13.5	1.8							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE 60-70, 73-77 YEARS OCT MONTH  
 ALL WEATHER CLASS 1800-2000 HOURS (L.R.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	1.2		.1							5.1	5.1
NNE	.9	1.4	.1	.2								2.6	4.7
NE	.2	.4	.2									.9	5.5
ENE	.2	.4	.1	.2	.1							1.1	7.7
E	.1	.4	.5	.1								1.2	7.4
ESE	.2			.1								.3	5.3
SE	.3	.8	.1									1.2	4.0
SSE	.5	.5	.1									1.2	4.0
S	.8	.5										1.3	3.1
SSW	.4	.1										.5	2.8
SW	.5	.2	.1									.9	3.1
WSW	.3	.3	.1									.8	4.3
W	1.5	1.0	.2	.1								2.8	4.0
WNW	4.3	7.5	2.3	.2								14.3	4.7
NW	6.9	11.2	4.6	.3	.1							23.1	4.9
NNW	2.4	5.5	1.6									9.5	4.8
VARBL													
CALM												33.4	
	21.2	32.5	11.3	1.3	.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
YEARS

UCT  
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	.8	.3									1.6	4.6
NNE	.8	.5	.3									1.6	4.3
NE	.6	.4	.3	.3								1.7	6.4
ENE	.1	.1										.2	3.0
E	.2		.2									.4	5.8
ESE	.6											.6	1.8
SE	1.0	.4	.3									1.7	4.0
SSE	1.0	1.0	.1									2.0	3.8
S	1.3	.6	.1									2.0	3.2
SSW	.9											.9	2.3
SW	.2											.2	2.0
WSW	.1	.1	.1									.3	5.3
W	1.0	1.3	.1									2.4	3.5
WNW	2.3	2.0	.2									4.5	3.6
NW	5.4	1.8	1.0	.1								8.2	3.6
NNW	3.6	1.8		.1								5.5	3.1
VARBL													
CALM												65.9	
	19.5	11.0	3.1	.5								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

929

9524

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME

66-70, 73-77 YEARS

0CY MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.8	.3	.2	.0						4.2	6.1
NNE	.8	.7	.4	.1	.0							1.9	5.1
NE	.5	.4	.4	.1								1.5	5.9
ENE	.4	.5	.2	.3	.1							1.5	7.3
E	.7	.4	.7	.4	.1							2.3	7.2
ESE	.6	.2	.1	.1								1.1	4.0
SE	1.1	.8	.3	.0								2.1	3.9
SSE	1.3	1.1	.2									2.5	3.6
S	1.5	.6	.2	.0								2.3	3.5
SSW	.5	.2	.0									.7	3.0
SW	.4	.1	.1									.6	3.2
WSW	.2	.1	.1	.0								.5	4.6
W	.9	.9	.5	.1	.0	.0						2.4	5.1
WNW	1.7	3.2	3.3	.5								8.8	6.2
NW	2.8	4.9	5.1	.9	.1							13.7	6.3
NNW	1.7	2.6	1.8	.5	.2							6.8	6.2
VARBL													
CALM												47.2	
	16.3	18.2	14.2	3.4	.7	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 7438

3  
1956

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION: 23119 STATION NAME: MARCH AFB CA/RIVERSIDE YEARS: 66-70, 73-77 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	1.3	1.4	.2	.2	.1							3.3	5.2
NNE	.3	.3	1.1	.3								2.1	7.6
NE	1.2	1.1	.6	.1								3.0	4.7
ENE	.4	.4		.2	.2							1.3	8.1
E	1.1		.2	.3								1.7	5.1
ESE	.8	.3	.2	.2	.1							1.7	6.1
SE	.6	.7	.1	.5								1.7	5.7
SSE	1.1	1.1	.4									2.7	4.0
S	1.3	.3	.2									1.9	3.2
SSW	.8											.8	2.3
SW	.6											.6	2.6
WSW	.2	.2	.1									.6	4.6
W	.7	.3	.1									1.1	3.2
WNW	1.2	1.2	.1									2.5	3.6
NW	1.3	1.4	.4	.1								3.3	4.4
NNW	1.2	.7	.3		.2							2.4	5.2
VARBL													
CALM												69.3	
	14.2	9.7	4.2	1.9	.7							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 MARCH AFB CA/RIVERSIDE

50-70, 73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

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	1.0	.7		.1							3.1	4.8
NNE	.7	.9	1.1	.4								3.1	6.5
NE	1.2	.8	.5	.7								3.0	6.1
ENE	.3	.2	.1	.2								.9	5.9
E	.7	.3	.4	.3								1.8	6.4
ESE	.6	.4										1.0	3.1
SE	.8	1.0	.4									2.2	4.4
SSE	1.2	1.0	.3									2.6	3.9
S	1.0	.7										1.7	3.1
SSW	.3	.3										.7	2.7
SW	.4	.2										.7	3.0
WSW	.2	.1										.3	4.0
W	1.1	.1	.1	.1								1.4	3.6
WNW	.7	.7	.2	.2								1.8	4.9
NW	.7	1.0	.3	.1								2.1	4.8
NNW	1.0	.4	.2	.2	.1							2.0	5.8
VARBL													
CALM												71.7	
	12.2	9.2	4.3	2.3	.7							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      60-70, 73-77 YEARS      NEW MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-35	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.8	.3	.4	.1							2.2	6.7
NNE	1.1	.8	.4	.6	.1							3.0	6.7
NE	.7	.8	1.4	.6	.2							3.7	7.8
ENE	.9	.9	.4	.2								2.4	5.1
E	1.1	.6	.7									2.3	4.7
ESE	.7	.4	.5	.1								1.6	4.6
SE	1.9	1.7	.2	.1								3.9	3.8
SSE	1.0	2.6	.1									3.1	4.0
S	1.0	1.0	.3	.1								2.4	4.5
SSW	.4	.2										.7	3.0
SW	.4	.2										.7	3.0
WSW	.1	.1										.2	3.0
W	.8	.4	.1									1.3	3.2
WNW	.5	.3	.1									1.3	3.5
NW	.7	.4										1.1	2.7
NNW	1.1	.6	.1									1.8	3.5
VARBL													
CALM												68.2	
	13.3	11.2	4.7	2.1	.4							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

9598

0000

1  
3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

60-70,73-77  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.8		.1							3.7	5.1
NNE	1.1	1.0	.3	.1	.1							2.7	5.1
NE	1.3	1.1	.9	.2	.1							3.7	5.0
ENE	.7	.9	1.1	1.2	.1							4.0	5.2
E	1.3	1.1	1.3	1.3	.3							5.4	7.7
ESE	2.8	1.7	.9	.7		.1						5.5	5.2
SE	4.4	3.2	1.1	.2								9.0	4.1
SSE	4.0	3.8	1.3	.2								9.3	4.4
S	2.9	3.1	.4	.6								7.9	4.7
SSW	1.3	.3	.1									1.8	2.8
SW	.3	.1	.1									.6	4.0
WSW	.2	.1	.1									.4	4.5
W	.4	.2	.2									.9	4.5
WNW	.4	.9	.6	.2								2.1	5.9
NW	1.0	1.1	.9	.1	.1							3.2	5.9
NNW	.7	1.1	.9									2.7	5.4
VARBL													
CALM												37.8	
	74.4	21.1	10.8	4.9	.9	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      66-70, 73-77 YEARS      NOV MONTH  
 ALL WEATHER CLASS      1200-1400 HOURS (L S T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	1.3	.3	.4	.2						6.6	7.0
NNE	1.6	1.1	.3									3.0	3.9
NE	.9	.9	1.0	.4	.1							3.3	7.2
ENE	.9	1.9	1.1	2.7								6.6	8.8
E	.9	.8	2.4	1.9	.3	.2						6.6	9.4
ESE	1.2	.8	1.0	.4	.1							3.6	6.3
SE	1.3	1.0	1.2									3.6	5.2
SSE	.9	1.0	1.0	.3								3.2	5.9
S	1.6	1.1	1.0	.6								4.2	5.7
SSW	.6	.7	.4	.1								1.8	5.3
SW	.7	.1	.2	.2								1.2	5.1
WSW	.7	.3	.1									1.1	3.9
W	.6	2.7	1.1	.7								5.0	6.8
WNW	1.4	4.9	4.7	.6								11.6	6.4
NW	2.2	5.1	5.7	.3								13.3	6.4
NNW	1.7	3.8	3.7	1.2	.1							10.4	6.8
VARBL													
CALM												15.0	
	18.8	28.6	26.3	9.8	1.1	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

3  
1950

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

NOV

ALL WEATHER

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-49	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.7	1.6	1.1	.3							5.3	8.0
NNE	.6	.7	.3	.3	.1	.1						2.1	7.4
NE	.6	1.8	1.4	.8								4.6	7.5
ENE	.1	1.1	2.1	1.7	.3							5.3	9.3
E	.7	.8	2.0	2.0	.7							6.7	10.0
ESE	.3	.9	.4	.4								2.1	7.0
SE	.4	.7	.4									1.6	4.9
SSE	.4	.9	.4									1.8	5.1
S	.4	.9	.4									1.8	5.1
SSW		.2	.3	.1								.7	7.0
SW			.1									.1	10.0
WSW	.1	.9	.4	.7								1.7	7.1
W	.4	1.8	1.4	.1								3.8	6.1
WNW	2.1	8.3	9.6	1.4								21.4	6.7
NW	2.8	9.7	12.0	1.2								25.7	6.6
NNW	1.2	3.4	3.2	1.6								9.4	7.2
VARBL													
CALM												6.0	
	10.9	33.7	36.9	11.0	1.4	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 23119 STATION NAME: MARCH AFB CA/RIVERSIDE YEARS: 66-70, 73-77 MONTH: NDV

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	2.7	3.2	.4	.3								6.7	4.4
NNE	.9	1.6	1.6	.1								4.1	5.7
NE	.6	1.4	2.2	.8								5.0	7.3
ENE	.6	.8	.7	.7								2.7	7.1
E	.3	.3	.8	.7								2.6	7.3
ESE		.6	.3	.1								1.0	7.1
SE	.4	.7	.4									1.6	5.4
SSE	.6	.7	.7									1.9	5.4
S	1.2	.9	.2									2.3	3.6
SSW	.6	.2										.8	2.9
SW	.1	.2										.3	3.3
WSW	.8	.2										1.0	2.6
W	2.0	.7	.7	.1								3.4	4.2
WNW	3.3	3.6	.7									7.6	3.9
NW	6.1	6.0	1.4	.2								13.8	4.2
NNW	2.9	3.3	.8		.1							7.1	4.5
VARBL													
CALM												38.2	
	23.4	24.2	10.9	3.0	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 66-70, 73-77 YEARS NOV NORTH  
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	.4	.3								4.0	4.9
NNE	.8	1.6	.4	.1								2.9	4.9
NE	.1	.7	.4	.8								2.0	9.1
ENE	.2	.1	.6	.3	.1							1.3	8.9
E	.2	.8	.4	.4		.1						2.0	8.6
ESE	.7	.9	.6									2.1	4.5
SE	.4	1.2	.6	.1								2.3	5.3
SSE	.3	1.4	.4	.1								2.3	5.5
S	1.1	.4										1.6	3.0
SSW	.7	.4	.1									1.2	3.9
SW	.8											.8	2.0
WSW	.3		.1									.4	4.0
W	1.8	.4										2.2	2.6
WNW	1.8	1.0	.1									2.9	3.1
NW	2.1	1.8	.2									4.1	3.4
NNW	2.3	1.7	.4	.1	.1							4.7	4.2
VARBL													
CALM												63.1	
	15.4	14.0	4.9	2.3	.2	.1						100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE 66-70, 73-77 YEARS NOV MONTH  
 ALL WEATHER CLASS ALL HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	.7	.3	.2	.0						4.4	5.8
NNE	.9	1.0	.7	.3	.0	.0						2.9	5.9
NE	.8	1.1	1.0	.5	.1							3.5	6.9
ENE	.5	.8	.8	.9	.1							3.1	8.1
E	.8	.6	1.1	.9	.2	.0						3.6	8.2
ESE	.9	.8	.4	.3	.0	.0						2.3	5.6
SE	1.3	1.3	.6	.1								3.2	4.6
SSE	1.2	1.5	.6	.1								3.4	4.7
S	1.3	1.1	.3	.2								2.9	4.4
SSW	.9	.3	.1	.0								1.0	3.8
SW	.4	.1	.1	.0								.6	3.6
WSW	.3	.3	.1	.0								.7	4.7
W	1.0	.8	.5	.1								2.4	4.9
WNW	1.5	2.6	2.0	.3								6.4	5.7
NW	2.1	3.3	2.6	.3	.0							8.3	5.6
NNW	1.5	1.9	1.2	.4	.1							5.1	5.8
VARBL													
CALM												46.2	
	16.6	19.0	12.9	4.7	.6	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7199

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-77  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	.6	.4			.1					3.7	6.7
NNE	1.1	.5	.9	.1	.2							2.8	6.3
NE	1.1	1.2	.6	.1								3.0	5.1
ENE	.6	.6	.3	.3	.2							2.2	7.5
E	1.1	.5	.2	.3	.2	.3						2.7	8.7
ESE	.6	.6	.2	.1								1.6	4.7
SE	1.1	.8	.5	.1	.1							2.6	5.3
SSE	1.2	1.1	.8									3.0	4.7
S	1.2	.5	.1									1.8	3.4
SSW	1.2	.6										1.8	3.1
SW	.5	.2										.8	2.4
WSW	1.0	.4										1.4	2.8
W	1.0	.4	.1									1.5	2.9
WNW	1.5	.6	.1									2.3	3.0
NW	.9	1.1	.1	.1		.1						2.3	5.3
NNW	1.6	1.1	.1	.2								3.0	4.2
VARBL													
CALM												63.7	
	16.5	12.0	4.7	1.8	.8	.4	.1					100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 50-70, 73-77 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	.5	1.2	1.1	.2	.2	.1						3.3	7.9
NNE	.5	.9	.6	.1								2.3	5.6
NE	.3	1.0		.8								2.0	7.4
ENE	.5	.6	.4	.1								1.8	5.1
E	.5	.5	.4	.3	.2							2.0	7.9
ESE	.5	.4	.1			.1						1.2	6.1
SE	.9	1.0	.5									2.4	4.8
SSE	1.9	1.4	.3	.1								3.8	4.0
S	1.5	.9	.2									2.6	3.6
SSW	.8	.1										.9	2.3
SW	.2	.3										.5	3.8
WSW	.5											.5	2.4
W	1.2	.5	.1									1.8	3.3
WNW	.9	.6	.2									1.7	4.3
NW	2.2	.6	.2									3.0	3.1
NNW	1.1	1.2	.4	.4		.1						3.2	5.7
VARBL													
CALM												06.9	
	14.3	11.3	4.7	2.0	.4	.3						100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23119 STATION NAME MARCH AFB CA/RIVERSIDE YEAR 66-70, 73-77 MONTH DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.4	.4	.1	.1						3.2	6.6
NNE	.6	1.1	.9	.2								2.8	5.9
NE	.6	.6	.4	.5		.1						2.4	7.5
ENE	.2	.2	.9	.2	.2							1.7	9.2
E	.5	.3	.4	.2	.1	.1						1.7	8.0
ESE	.5	.8	.2									1.5	3.5
SE	1.4	1.1	.3	.1								2.9	3.9
SSE	2.0	1.0	.2	.1								3.3	3.5
S	1.1	.3	.2	.2								1.8	4.6
SSW	1.2	.4										1.6	2.9
SW	.3	.3										.6	2.0
WSW	.6											.6	2.2
W	.2	.1										.8	2.1
WNW	1.5	.3	.2	.1								2.2	3.8
NW	1.2	1.1	.2	.3								2.8	5.3
NNW	1.1	1.4	.2	.4	.1							3.2	5.8
VARBL													
CALM												66.8	
	14.6	10.2	4.6	2.9	.3	.3						169.0	1.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION    MARCH AFB CA/RIVERSIDE STATION NAME    60-70,73-77 YEARS    DEC MONTHS  
 ALL WEATHER CLASS    0900-1100 HOURS (L.S.T.)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SPEED (KNTS); DIR.	1-3	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	1.2	1.6	1.1	.6	.1						5.9	6.7
NNE	.4	1.4	.9	.2			.1					3.0	6.9
NE	.9	.8	1.5	1.1	.1							4.3	8.2
ENE	.8	.6	1.4	.6	.2							3.7	8.1
E	1.7	1.4	1.7	.8	.1	.1						5.8	6.7
ESE	2.4	.6	.4	.2	.1							3.8	4.1
SE	4.3	3.0	.6	.2								8.2	3.9
SSE	5.6	3.8	.6	.2								10.2	3.8
S	4.3	2.2	.8									7.2	3.5
SSW	.4	.3	.1									.9	3.8
SW	.5	.3										.9	3.1
WSW		.2	.1									.3	6.7
W	.3	.3	.2	.2								1.1	6.3
WNW	.4	.2	.3									1.0	4.3
NW	.3	.5	.3	.1	.1							1.4	6.8
NNW	1.1	1.1	.5	.2	.2	.1						3.2	6.6
VARBL													
CALM												39.2	
	24.5	18.0	11.2	4.9	1.5	.5	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 60-70,73-77 YEARS DEC MONTH 1200-1400 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	1.9	.5	1.9	.9	.5	.2					9.4	9.0
NNE	1.4	1.1	.6	.2								3.3	4.7
NE	1.2	.6	1.1	1.3	.5	.2						4.9	9.6
ENE	.8	1.2	1.6	1.7	.2	.1						5.6	9.3
E	1.8	1.2	2.4	2.4	.3							8.1	8.3
ESE	1.3	1.3	.3	.1								3.0	4.5
SE	2.0	1.3	.8									4.1	4.3
SSE	1.6	1.9	.9	.2								4.6	4.9
S	1.9	1.7	1.6		.1							5.4	5.0
SSW	.5	.2	.3									1.1	4.2
SW	.8	.4		.1								1.3	4.1
WSW	.2		.1									.3	4.3
W	.5	1.4	.8	.2								2.9	5.6
WNW	1.4	3.2	2.5	.5								7.6	6.2
NW	1.3	2.5	3.0	.8	.1							7.6	6.6
NNW	.9	3.2	2.4	.8	.8	.1						8.1	8.0
VARBL													
CALM												22.7	
	21.0	23.2	18.8	10.2	2.9	1.0	.2					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 50-70.73-77 YEARS MONTH DEC 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.4	2.4	.4	.3	.1					7.3	10.0
NNE	1.0	1.2	1.4	.1								3.7	5.9
NE	.4	2.0	1.6	1.3	.1							5.7	7.9
ENE	1.1	2.3	2.5	1.2	.1							7.1	7.3
E	.4	.9	2.4	1.7	.4	.1						5.9	10.0
ESE	.4		.4									.9	5.4
SE	.2	.3	.1	.2								.9	6.6
SSE	.4	.9	.2									1.5	4.4
S	.1	1.5	.6									2.3	5.6
SSW	.4	.3	.2									1.0	4.4
SW	.2	.2	.2									.6	5.2
WSW	.6	.2	.2	.1								1.2	4.5
W	2.0	2.3	.9	.2								5.4	4.7
WNW	2.3	6.0	2.8	.2								11.3	5.2
NW	3.7	11.0	5.5	.3	.1							20.6	5.5
NNW	2.3	4.0	3.0	1.2	.6	.3						11.4	7.6
VARBL													
CALM												13.3	
	16.7	34.7	23.7	8.9	1.8	.8	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 926

3

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 23119      STATION NAME: MARCH AFB CA/RIVERSIDE      YEARS: 60-70, 73-77      MONTH: DEC  
 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	3.1	1.7	1.4	.9	.3							7.4	5.9
NNE	1.1	2.5	1.5	1.0		.1						6.1	6.9
NE	.9	.8	2.2	.6								4.4	7.3
ENE	.8	1.2	1.1	.6	.2							3.9	7.3
E	.5	.8	.5	.6	.1							2.6	7.9
ESE	.2	.6	.3									1.2	5.4
SE	.3	.9	.1									1.3	4.3
SSE	.8	1.0	.5	.1								2.4	5.0
S	.8	.8	.2									1.7	4.1
SSW	.4	.2										.6	3.2
SW	.1	.2										.3	3.7
WSW	.6	.5	.1									1.3	3.7
W	1.3	1.3	.1									2.9	3.7
WNW	4.5	1.6	.5	.1								6.8	3.6
NW	3.5	2.9	.4	.1								6.9	3.9
NNW	2.9	2.6	1.1	.3	.2							7.1	5.0
VARBL													
CALM												42.9	
	22.0	19.5	10.1	4.4	.9	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 927

6  
3  
4  
1957-2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23119 STATION NAME MARCH AFB CA/RIVERSIDE YEAR 66-70, 73-77 MONTH DEC  
 CLASS ALL WEATHER HOURS (LST) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	1.1	.2	.2	.1						5.5	6.0
NNE	.9	1.2	1.1	.3	.2							3.9	7.2
NE	1.3	1.2	.8	.8	.1							4.1	6.4
ENE	.4	1.2	.4	.1		.1						2.3	6.5
E	.9	.5	.4	.0	.2	.1						2.8	8.2
ESE	.3	.8	.4									1.5	5.1
SE	.9	1.2	.4	.3								2.8	5.5
SSE	1.4	.9	.2	.3								2.2	4.4
S	1.6	.9	.2									2.7	3.3
SSW	.3	.3										.6	3.5
SW	1.1	.3										1.4	2.6
WSW	.5	.2										.8	2.6
W	1.9	.5										2.5	2.6
WNW	1.6	.8	.2									2.6	3.5
NW	2.5	1.7	.2									4.4	3.5
NNW	1.4	1.2	.2	.2	.2							3.2	5.2
VARBL	.1											.1	3.0
CALM												56.0	
	18.7	15.2	5.7	3.1	1.0	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 927

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

50-70,73-77  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
WINDS (U.S.T.)

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	1.6	1.6	1.0	.9	.3	.2	.1					5.7	2.0
NNE	.9	1.2	1.0	.3	.1	.0	.0					3.5	6.3
NE	.5	1.0	1.0	.6	.1	.0						3.9	7.6
ENE	.7	1.0	1.1	.6	.1	.0						3.5	7.7
E	.9	.8	1.1	.9	.2	.1						4.0	8.3
ESE	.8	.6	.3	.1	.0	.0						1.3	4.7
SE	1.4	1.2	.4	.1	.0							3.1	4.5
SSE	1.9	1.5	.5	.1	.0							4.0	4.2
S	1.6	1.1	.5	.0	.0							3.2	4.1
SSW	.7	.3	.1									1.1	3.4
SW	.5	.3	.0	.0								.2	3.4
WSW	.3	.2	.1	.0								.8	3.4
W	1.1	.9	.3	.1								2.4	4.1
WNW	1.3	1.7	.9	.1								4.4	4.7
NW	1.9	2.7	1.3	.2	.0	.5						6.1	5.1
NNW	1.5	2.0	1.0	.5	.3	.1						5.2	4.5
VARBL	.0											.0	3.0
CALM												46.4	
	18.5	16.0	10.5	4.8	1.2	.5	.1					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7432

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70, 73-78  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.5	.8	.4	.2	.1	.0					4.3	6.4
NNE	.7	.6	.4	.1	.0	.0	.0					1.9	5.3
NE	.6	.5	.4	.2	.0	.0	.0					1.7	6.3
ENE	.4	.4	.4	.3	.0	.0	.0					1.5	7.1
E	.7	.5	.5	.4	.1	.0	.0					2.3	7.3
ESE	.7	.5	.2	.1	.0	.0	.0					1.5	4.8
SE	1.2	1.1	.4	.1	.0	.0	.0					2.9	4.5
SSE	1.4	1.6	.6	.2	.0	.0	.0					3.8	4.8
S	1.5	1.2	.6	.2	.0	.0	.0					3.6	4.9
SSW	.5	.3	.1	.1	.0	.0	.0					1.0	4.3
SW	.5	.2	.1	.0	.0	.0	.0					.7	3.7
WSW	.3	.2	.1	.0	.0	.0	.0					.7	4.3
W	1.1	1.0	.6	.1	.0	.0	.0					2.8	5.0
WNW	1.8	2.6	3.1	.8	.0	.0	.0					8.4	6.4
NW	2.6	4.5	5.6	1.8	.0	.0	.0					14.5	6.8
NNW	1.8	2.5	2.2	.8	.1	.0	.0					7.5	6.5
VARBL	.0											.0	3.0
CALM												41.1	
	17.2	19.1	16.1	5.8	.6	.1	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

87621

3  
 1954

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

23119 STATION MARCH AFB CA/RIVERSIDE 66-70, 73-78 YEARS ALL MONTH

INSTRUMENT CLASS  
 CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE,  
 CONDITION  
 AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE

ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	.3	.0								2.4	3.8
NNE	.6	.2	.0	.0								.7	2.8
NE	.5	.2	.0									.7	3.0
ENE	.3	.1	.0	.0		.0						.5	4.2
E	.6	.2	.1	.1	.0	.0						1.1	4.8
ESE	.7	.4	.2	.0	.0							1.3	4.0
SE	1.4	1.3	.7	.3	.0							3.6	5.2
SSE	1.9	2.2	.9	.4	.0							5.4	5.1
S	2.1	1.6	.6	.4	.0	.0						4.8	5.0
SSW	.5	.2	.0	.0								.7	3.4
SW	.4	.1	.0									.5	3.0
WSW	.3	.1	.0	.0								.4	3.5
W	1.2	.8	.4	.0	.0							2.4	4.1
WNW	2.5	3.1	3.1	.4	.0							9.1	5.7
NW	3.6	4.9	4.7	.8	.0							14.1	5.9
NNW	2.1	2.4	1.4	.3	.0							6.2	5.2
VARBL													
CALM												46.0	
	19.8	18.6	12.7	2.8	.1	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 13430

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	$\geq 0$
NO CEILING																
IV 1800																
IV 1500					91.0											92.6
IV 1200																
IV 1000																
IV 900																
IV 800																
IV 700																
IV 600																
IV 500										97.4						98.1
IV 400																
IV 300																
IV 200																
IV 100																
IV 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

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	49.6	56.6	58.0	59.4	60.1	60.6	61.4	62.0	62.4	62.9	64.0	64.0	64.6	65.1	65.3	67.2
≥ 2000	51.8	59.0	60.4	61.8	62.6	63.4	64.2	64.8	65.2	65.7	66.8	66.8	67.4	67.8	68.1	70.0
≥ 8000	51.9	59.1	60.5	61.9	62.7	63.5	64.3	64.9	65.3	65.8	66.9	66.9	67.5	68.0	68.2	70.1
≥ 6000	51.9	59.1	61.0	62.5	63.2	64.1	64.8	65.5	65.8	66.3	67.4	67.4	68.1	68.5	68.7	70.6
≥ 4000	52.2	59.4	61.2	62.7	63.4	64.3	65.1	65.7	66.0	66.6	67.0	67.6	68.3	68.7	68.9	70.9
≥ 1200	52.6	59.8	61.6	63.1	63.9	64.7	65.5	66.1	66.5	67.0	68.1	68.1	68.7	69.1	69.4	71.3
≥ 600	53.4	60.6	62.7	64.2	64.9	65.8	66.7	67.4	67.8	68.4	69.5	69.5	70.1	70.5	70.8	72.7
≥ 900	53.5	60.8	62.8	64.3	65.1	65.9	66.8	67.5	68.0	68.5	69.6	69.6	70.2	70.6	70.9	72.8
≥ 500	53.9	61.3	63.5	65.4	66.1	67.0	67.8	68.6	69.0	69.6	70.6	70.6	71.3	71.7	71.9	73.9
≥ 700	53.9	61.3	63.5	65.4	66.1	67.0	67.8	68.9	69.4	69.9	71.0	71.0	71.6	72.0	72.3	74.2
≥ 600	54.1	61.5	63.8	65.6	66.3	67.2	68.3	69.4	69.8	70.3	71.4	71.4	72.0	72.5	72.7	74.6
≥ 500	54.3	61.8	64.2	66.1	66.9	67.7	68.8	69.9	70.4	71.2	72.3	72.3	72.9	73.3	73.5	75.5
≥ 450	54.3	61.8	64.2	66.1	66.9	67.8	68.9	70.0	70.5	71.3	72.4	72.4	73.0	73.4	73.7	75.6
≥ 400	55.7	63.5	66.0	68.1	69.0	70.0	71.1	72.2	72.7	73.4	74.5	74.5	75.2	75.6	75.9	77.8
≥ 350	56.6	64.8	67.3	69.5	70.5	71.5	72.6	73.8	74.3	75.1	76.1	76.1	76.8	77.2	77.5	79.5
≥ 300	57.4	66.5	69.2	71.4	72.5	73.4	74.5	75.7	76.2	77.0	78.1	78.1	78.7	79.1	79.5	81.4
≥ 250	58.2	66.0	71.4	73.5	74.7	75.7	76.8	78.1	78.6	79.4	80.4	80.4	81.1	81.5	81.8	83.8
≥ 200	58.4	68.6	72.0	74.3	76.0	77.0	78.5	79.8	80.3	81.1	82.3	82.3	83.0	83.4	83.8	85.7
≥ 180	58.5	68.8	72.3	74.6	76.3	77.3	78.9	80.3	80.9	81.6	82.9	82.9	83.7	84.1	84.4	86.3
≥ 150	58.7	69.9	73.4	75.9	77.7	78.7	80.4	81.9	82.5	83.2	84.5	84.5	85.3	85.7	86.0	88.0
≥ 120	58.9	70.4	74.3	77.2	79.5	80.5	82.3	83.8	84.3	85.2	86.6	86.6	87.3	87.7	88.1	90.0
≥ 100	59.0	70.9	74.7	77.8	80.1	81.3	83.0	84.5	85.1	85.9	87.3	87.3	88.1	88.5	88.8	90.8
≥ 90	59.0	71.2	75.1	78.3	80.8	81.9	83.9	85.4	86.1	87.2	88.6	88.6	89.4	89.8	90.1	92.0
≥ 80	59.0	71.4	75.3	78.5	81.1	82.3	84.2	85.7	86.5	87.5	88.9	88.9	89.8	90.2	90.5	92.5
≥ 70	59.0	71.5	75.5	78.7	81.3	82.5	84.4	85.9	86.7	87.7	89.2	89.4	90.1	90.5	90.9	92.8
≥ 60	59.0	71.5	75.5	78.7	81.3	82.6	84.5	86.1	87.1	88.2	89.7	89.8	90.5	91.1	91.4	93.4
≥ 50	59.0	71.5	75.5	79.0	82.2	83.8	85.7	87.3	88.3	89.4	90.9	91.1	91.9	92.5	92.8	94.8
≥ 40	59.0	71.5	75.5	79.1	82.7	84.3	86.2	88.0	89.0	90.1	91.6	91.8	92.7	93.2	93.5	95.6
≥ 30	59.0	71.5	75.5	79.1	82.7	84.3	86.2	88.1	89.6	90.9	92.6	92.8	93.7	94.3	94.9	97.1
≥ 20	59.0	71.5	75.5	79.1	82.7	84.3	86.2	88.1	89.6	90.9	92.8	93.0	94.1	94.7	95.6	98.2
≥ 10	59.0	71.5	75.5	79.1	82.7	84.3	86.2	88.1	89.7	91.0	92.9	93.1	94.4	95.1	95.9	98.5
≥ 0	59.0	71.5	75.5	79.1	82.7	84.3	86.2	88.1	89.7	91.0	92.9	93.1	94.4	95.1	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23113 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	51.3	58.1	59.9	60.0	61.9	62.8	63.3	63.9	63.9	64.0	64.5	64.5	64.8	64.8	64.9	67.2
≥ 2000	52.9	59.9	61.7	62.5	63.8	64.9	65.7	66.2	66.2	66.3	66.9	66.9	67.2	67.2	67.3	69.6
≥ 1800	52.9	60.2	62.0	62.8	64.1	65.3	66.0	66.6	66.6	66.7	67.2	67.2	67.5	67.5	67.6	69.9
IV 1600	52.9	60.2	62.2	62.9	64.3	65.5	66.2	66.8	66.8	66.9	67.4	67.4	67.7	67.7	67.8	70.1
IV 1400	53.1	60.4	62.6	63.3	64.7	65.9	66.7	67.2	67.2	67.3	67.8	67.8	68.2	68.2	68.3	70.6
IV 1200	53.3	60.6	62.8	63.5	64.9	66.1	66.9	67.5	67.5	67.6	68.2	68.2	68.5	68.5	68.6	71.0
IV 1000	54.2	61.5	63.7	64.4	65.8	67.0	67.7	68.8	68.8	68.9	69.5	69.5	69.8	69.8	69.9	72.3
IV 800	54.6	61.9	64.2	64.9	66.3	67.5	68.3	69.4	69.4	69.5	70.0	70.0	70.3	70.3	70.4	72.8
IV 600	54.8	62.5	64.7	65.5	66.9	68.1	68.8	69.9	69.9	70.0	70.5	70.5	70.9	70.9	71.0	73.3
IV 400	54.8	62.5	64.7	65.5	66.9	68.1	68.8	69.9	69.9	70.0	70.5	70.5	70.9	70.9	71.0	73.3
IV 200	54.8	62.6	65.1	65.8	67.2	68.4	69.1	70.2	70.2	70.3	70.9	70.9	71.2	71.2	71.3	73.7
IV 100	55.3	63.1	65.6	66.3	67.7	68.9	69.7	70.8	70.9	71.1	71.6	71.6	71.9	71.9	72.0	74.4
IV 500	55.5	63.3	65.8	66.6	68.0	69.2	70.0	71.1	71.2	71.4	71.9	71.9	72.3	72.3	72.4	74.7
IV 300	55.9	64.3	67.0	68.0	69.0	70.9	71.6	72.7	72.8	73.0	73.5	73.5	73.9	73.9	74.0	76.3
IV 150	56.3	65.1	67.7	68.7	70.4	71.7	72.5	73.7	73.8	74.0	74.5	74.5	74.8	74.8	74.9	77.3
IV 75	56.7	65.5	68.3	69.2	71.2	72.5	73.2	74.4	74.6	74.8	75.4	75.4	75.7	75.7	75.8	78.2
IV 25	57.4	66.7	69.5	70.4	72.5	73.8	74.5	75.7	75.9	76.1	76.7	76.7	77.0	77.0	77.1	79.5
IV 10	57.7	67.3	70.2	71.4	73.9	75.2	76.2	77.6	77.8	78.1	78.6	78.6	78.9	78.9	79.1	81.5
IV 5	57.8	67.5	70.5	71.7	74.2	75.5	76.6	78.0	78.2	78.4	78.9	78.9	79.2	79.2	79.5	81.8
IV 2	58.1	68.5	71.5	72.9	75.0	76.9	78.1	79.5	79.8	80.1	80.6	80.6	81.0	81.0	81.2	83.5
IV 1	58.4	68.8	72.2	74.2	77.2	78.6	79.8	81.2	81.6	82.0	82.6	82.6	82.9	82.9	83.1	85.5
IV 0	58.5	69.6	73.0	75.1	78.3	79.6	80.8	82.2	82.6	83.0	83.7	83.7	84.0	84.3	84.5	86.9
IV 900	58.5	69.7	73.1	75.2	78.6	79.9	81.1	82.5	82.9	83.3	84.1	84.1	84.4	84.4	84.9	87.3
IV 800	58.6	69.8	73.3	75.4	78.9	80.3	81.6	83.0	83.4	84.0	84.7	84.7	85.1	85.4	85.5	88.0
IV 700	58.8	70.2	73.8	75.9	79.5	81.0	82.4	83.8	84.2	84.7	85.5	85.5	85.8	86.1	86.3	88.7
IV 600	58.8	70.3	73.9	76.2	79.9	82.0	83.5	84.9	85.5	86.2	87.0	87.0	87.4	87.7	88.0	90.3
IV 500	58.8	70.4	74.0	76.5	80.3	83.0	84.5	85.9	86.6	87.3	88.3	88.3	88.7	89.0	89.2	91.6
IV 400	58.8	70.5	74.1	76.6	80.4	83.1	84.6	86.3	87.3	88.1	89.2	89.2	89.7	90.0	90.2	92.7
IV 300	58.8	70.5	74.2	76.7	80.5	83.2	84.8	86.8	87.8	88.6	89.9	89.9	90.4	90.9	91.3	94.2
IV 200	58.8	70.5	74.2	76.7	80.5	83.3	84.9	87.0	88.1	88.9	90.2	90.2	90.8	91.3	92.2	96.7
IV 100	58.8	70.5	74.2	76.7	80.5	83.3	84.9	87.0	88.1	88.9	90.2	90.2	90.8	91.3	92.2	97.2
IV 0	58.8	70.5	74.2	76.7	80.5	83.3	84.9	87.0	88.1	88.9	90.2	90.2	90.8	91.3	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2-119 MARCH AFB CA/RIVERSIDE

67-70, 73-73

JA1

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. E. NC.	51.7	55.1	55.7	56.3	57.7	58.3	58.5	59.0	59.1	59.4	59.9	59.9	60.8	60.8	61.2	63.5
≥ 10000	55.1	57.5	59.1	59.8	61.2	61.8	62.2	62.8	62.9	63.2	63.8	63.8	64.6	64.6	65.1	67.4
≥ 9000	55.3	58.7	59.4	60.0	61.4	62.0	62.4	63.0	63.1	63.4	64.0	64.0	64.8	64.8	65.3	67.6
≥ 8000	55.3	58.7	59.4	60.0	61.4	62.2	62.5	63.1	63.2	63.5	64.1	64.1	64.9	64.9	65.4	67.7
≥ 7000	55.4	58.8	59.6	60.2	61.6	62.4	62.7	63.3	63.4	63.8	64.4	64.4	65.3	65.3	65.7	68.1
≥ 6000	56.3	59.8	60.5	61.2	62.7	63.4	63.8	64.4	64.8	65.4	66.2	66.2	67.1	67.2	67.6	70.0
≥ 5000	57.2	60.8	61.7	62.5	64.0	64.7	65.3	65.9	66.3	66.9	67.8	67.8	68.7	68.8	69.2	71.6
≥ 4000	57.8	61.4	62.4	63.1	64.6	65.4	65.9	66.6	67.0	67.5	68.3	68.5	69.4	69.5	69.9	72.3
≥ 3000	58.4	61.9	63.0	63.8	65.3	66.0	66.6	67.3	67.7	68.3	69.2	69.2	70.1	70.2	70.6	73.1
≥ 2000	58.5	62.0	63.1	63.9	65.4	66.1	66.7	67.4	67.8	68.4	69.4	69.4	70.2	70.3	70.8	73.2
≥ 1800	58.6	62.3	63.5	64.3	65.8	66.6	67.1	67.8	68.3	68.8	69.8	69.8	70.6	70.8	71.2	73.7
≥ 1600	59.0	62.9	64.0	64.7	66.5	67.2	67.7	68.5	68.9	69.5	70.4	70.4	71.3	71.4	71.9	74.4
≥ 1400	59.4	63.2	64.3	65.1	66.8	67.5	68.1	68.8	69.4	69.9	70.9	70.9	71.7	71.8	72.4	74.8
≥ 1200	60.1	64.4	65.8	66.6	68.4	69.4	69.9	70.6	71.2	71.7	72.7	72.7	73.7	73.6	74.3	76.8
≥ 1000	60.5	64.8	66.2	67.0	68.9	69.9	70.4	71.4	71.9	72.5	73.4	73.4	74.4	74.5	75.1	77.7
≥ 900	61.0	65.5	67.1	68.0	70.2	71.2	71.7	72.7	73.2	73.6	74.7	74.7	75.7	75.8	76.5	79.1
≥ 800	61.9	66.5	68.1	68.9	71.3	72.4	73.2	74.2	74.7	75.3	76.2	76.2	77.2	77.3	78.0	80.6
≥ 700	62.4	67.1	68.7	69.8	72.3	73.4	74.3	75.4	75.9	76.5	77.4	77.4	78.4	78.6	79.2	81.9
≥ 600	62.5	67.4	69.0	70.3	72.9	74.1	74.9	76.0	76.6	77.1	78.1	78.1	79.0	79.2	79.9	82.6
≥ 500	62.6	68.0	69.7	71.2	74.0	75.4	76.5	77.6	78.2	78.7	79.7	79.7	80.6	80.9	81.5	84.2
≥ 400	62.8	68.4	70.1	71.6	74.6	76.0	77.1	78.4	79.0	79.6	81.0	81.0	81.9	82.2	82.8	85.7
≥ 300	63.0	68.8	71.0	73.0	76.2	78.1	79.1	80.4	81.2	81.7	83.1	83.1	84.2	84.5	85.2	88.1
≥ 200	63.0	68.8	71.0	73.0	76.6	78.4	79.5	80.8	81.5	82.2	83.5	83.5	84.6	84.9	85.6	88.6
≥ 100	63.0	68.8	71.0	73.1	76.7	78.5	79.6	81.0	81.8	82.6	84.0	84.0	85.1	85.4	86.0	89.0
≥ 90	63.1	69.0	71.3	73.4	77.1	78.9	80.0	81.4	82.3	83.0	84.4	84.4	85.5	85.8	86.5	89.5
≥ 80	63.1	69.0	71.3	73.5	77.3	79.1	80.3	82.0	82.9	83.7	85.1	85.1	86.1	86.5	87.2	90.2
≥ 70	63.1	69.0	71.4	73.8	77.7	79.7	81.1	83.1	84.0	84.9	86.8	86.8	87.8	88.4	89.1	92.2
≥ 60	63.1	69.0	71.4	73.8	77.7	79.8	81.2	83.3	84.2	85.4	87.3	87.3	88.5	89.1	89.9	93.1
≥ 50	63.1	69.0	71.4	73.8	77.7	79.9	81.5	84.2	85.3	86.6	88.6	88.8	90.1	91.0	91.9	95.3
≥ 40	63.1	69.0	71.4	73.8	77.8	80.0	81.6	84.3	85.4	86.7	88.8	89.0	90.4	91.3	92.6	97.2
≥ 30	63.1	69.0	71.4	73.8	77.8	80.0	81.6	84.3	85.4	86.7	88.8	89.0	90.5	91.4	92.7	98.2
≥ 20	63.1	69.0	71.4	73.8	77.8	80.0	81.6	84.3	85.4	86.7	88.8	89.0	90.5	91.4	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23114 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	20	24	25	24	20	20	22	22	24	24	24	24	24	24	24	24
NO. OF OBS.	54.6	57.7	58.4	59.4	60.1	61.0	61.5	62.3	62.3	62.8	63.1	63.1	63.2	63.4	63.8	64.2
≥ 1000	58.9	62.4	63.0	64.0	64.7	65.6	66.2	67.0	67.0	67.5	67.8	67.8	68.0	68.2	68.5	68.9
≥ 800	59.6	63.0	63.7	64.5	65.4	66.2	66.9	67.6	67.6	68.2	68.5	68.5	68.6	68.8	69.1	69.6
≥ 600	59.7	63.1	63.8	64.7	65.6	66.5	67.1	68.0	68.0	68.5	68.8	68.8	68.9	69.1	69.5	69.9
≥ 400	60.5	64.0	64.6	65.6	66.5	67.3	68.0	68.8	68.8	69.4	69.7	69.7	69.8	70.0	70.3	70.8
≥ 200	61.8	65.3	65.9	67.0	68.1	69.0	69.7	70.8	70.8	71.3	71.6	71.6	71.7	71.9	72.3	72.8
≥ 100	63.0	66.7	67.5	68.7	69.8	70.8	71.4	72.5	72.5	73.0	73.3	73.3	73.4	73.7	74.0	74.5
≥ 500	63.7	67.4	68.3	69.5	70.5	71.5	72.2	73.2	73.2	73.8	74.1	74.1	74.2	74.4	74.7	75.3
≥ 300	64.1	68.0	68.8	70.0	71.5	72.5	73.2	74.4	74.4	74.9	75.3	75.3	75.4	75.6	75.9	76.5
≥ 100	64.7	68.6	69.5	70.8	72.3	73.2	74.0	75.2	75.2	75.7	76.0	76.0	76.1	76.3	76.7	77.2
≥ 800	64.7	68.7	69.6	71.1	72.7	73.7	74.4	75.6	75.6	76.1	76.5	76.5	76.6	76.8	77.1	77.6
≥ 600	65.1	69.2	70.1	71.5	73.3	74.3	75.1	76.2	76.2	76.8	77.1	77.1	77.2	77.4	77.7	78.3
≥ 400	65.2	69.5	70.3	71.8	73.5	74.5	75.3	76.5	76.5	77.0	77.3	77.3	77.4	77.7	78.1	78.7
≥ 200	66.0	71.0	71.8	73.3	75.3	76.2	77.0	78.2	78.2	78.7	79.0	79.0	79.1	79.5	79.8	80.4
≥ 100	67.2	71.7	72.7	74.4	76.3	77.3	78.2	79.4	79.4	79.9	80.2	80.2	80.3	80.6	81.0	81.6
≥ 800	68.1	73.0	74.3	76.1	78.2	79.1	80.0	81.3	81.3	81.8	82.2	82.2	82.3	82.6	82.9	83.5
≥ 600	68.8	74.1	75.5	77.3	79.0	80.5	81.6	83.2	83.8	84.1	84.1	84.2	84.5	84.8	85.5	
≥ 400	69.1	74.7	76.1	78.2	80.5	81.6	82.7	84.2	84.3	84.9	85.3	85.3	85.4	85.7	86.0	86.7
≥ 200	69.4	75.3	76.7	79.0	81.5	82.6	83.7	85.2	85.3	85.9	86.2	86.2	86.5	86.8	87.1	87.7
≥ 100	70.2	76.2	77.6	80.4	83.0	84.3	85.4	87.0	87.1	87.7	88.1	88.1	88.2	88.7	89.0	89.7
≥ 800	70.6	77.0	78.7	81.7	84.6	86.0	87.3	88.9	89.1	89.8	90.1	90.1	90.3	90.8	91.1	91.7
≥ 600	71.1	77.7	79.6	82.7	85.7	87.3	88.6	90.3	90.5	91.2	91.5	91.5	91.7	92.2	92.5	93.1
≥ 400	71.3	78.3	80.1	83.3	86.3	88.1	89.4	91.1	91.3	91.9	92.4	92.4	92.6	93.0	93.3	94.0
≥ 200	71.4	78.4	80.2	83.4	86.5	88.3	89.7	91.5	91.8	92.5	93.0	93.0	93.2	93.7	94.0	94.6
≥ 100	71.5	78.5	80.3	83.5	86.6	88.4	89.8	91.6	91.9	92.6	93.1	93.1	93.4	94.0	94.3	94.9
≥ 800	71.5	78.8	80.9	84.3	87.4	89.2	90.8	92.6	92.9	93.5	94.1	94.1	94.4	94.9	95.3	95.9
≥ 600	71.5	78.8	80.9	84.4	87.8	89.8	91.4	93.4	93.8	94.5	95.2	95.2	95.5	96.0	96.3	97.0
≥ 400	71.5	78.8	80.9	84.4	87.8	89.8	91.5	93.7	94.0	94.8	95.6	95.6	95.9	96.6	96.9	97.5
≥ 200	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.7	97.4	98.0	98.6
≥ 100	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.7	97.5	98.1	98.8
≥ 800	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.8	97.6	98.2	99.1
≥ 600	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.8	97.6	98.2	99.1
≥ 400	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.8	97.6	98.2	99.1
≥ 200	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.8	97.6	98.2	99.1
≥ 100	71.5	78.9	81.0	84.5	88.0	89.9	91.7	93.9	94.2	95.1	96.0	96.1	96.8	97.6	98.2	99.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFS CA/RIVERSIDE

7-70, 73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	US AIR FORCE STATISTICS															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	56.8	59.9	61.1	61.9	63.4	63.8	64.1	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
18000	61.9	65.2	66.3	67.2	68.7	69.0	69.4	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9
16000	62.3	65.6	66.8	67.6	69.1	69.5	69.8	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.3
14000	62.6	66.1	67.3	68.2	69.7	70.0	70.3	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.9
12000	63.9	67.4	68.6	69.5	71.2	71.6	71.9	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.6
10000	64.0	68.5	69.8	70.9	72.7	73.1	73.4	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.2
8000	65.3	69.2	70.8	72.0	73.9	74.4	74.8	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.6
6000	65.6	69.6	71.1	72.4	74.2	74.7	75.2	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.9
4000	66.2	70.3	71.9	73.4	75.4	75.9	76.3	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.1
2000	66.6	70.9	72.5	74.0	75.9	76.5	76.9	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.6
1000	67.3	71.7	73.3	74.8	76.8	77.3	77.7	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.5
500	67.4	71.8	73.5	75.1	77.1	77.6	78.1	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.8
250	68.1	72.5	74.2	75.7	77.7	78.3	78.7	78.9	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.5
100	68.1	72.7	74.5	76.1	78.1	78.6	79.1	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.8
50	71.7	77.2	79.6	81.2	83.2	83.8	84.2	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.9
25	73.4	80.2	81.9	83.5	85.6	86.1	86.7	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4
15	74.6	81.6	83.4	85.1	87.1	87.6	88.2	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.9
10	75.9	83.4	85.6	87.3	89.6	90.5	91.2	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.9
5	76.0	83.5	85.7	87.4	89.7	90.6	91.3	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	92.0
2	77.3	85.4	87.6	89.4	91.7	92.8	93.4	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.2
1	78.3	86.5	88.7	90.8	93.3	94.4	95.3	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.0
0.5	78.6	86.8	89.0	91.2	93.8	94.9	95.8	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.8
0.2	78.8	87.0	89.2	91.5	94.1	95.3	96.1	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.1
0.1	79.0	87.4	89.6	92.2	94.7	96.0	97.1	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.1
0.05	79.0	87.6	90.0	92.4	95.1	96.3	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.4
0.02	79.0	87.6	90.0	92.4	95.1	96.3	97.5	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6
0.01	79.0	87.6	90.0	92.4	95.1	96.3	97.5	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0.005	79.0	87.6	90.0	92.4	95.3	96.6	97.7	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3
0.002	79.0	87.6	90.0	92.4	95.3	96.6	97.7	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3
0.001	79.0	87.6	90.0	92.4	95.3	96.6	97.7	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3
0.0005	79.0	87.6	90.0	92.4	95.3	96.6	97.7	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3
0.0002	79.0	87.6	90.0	92.4	95.3	96.6	97.7	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3
0.0001	79.0	87.6	90.0	92.4	95.3	96.6	97.7	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	20	20	25	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
4000	54.3	57.9	59.7	60.6	62.4	63.8	65.2	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
3800	58.3	62.3	64.3	65.1	67.0	68.4	67.8	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
3600	58.8	62.9	64.8	65.8	67.6	69.0	70.4	70.9	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
3400	59.0	63.1	65.0	66.1	67.9	69.3	71.7	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
3200	59.8	64.0	66.0	67.1	69.1	70.6	72.1	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
3000	61.0	65.8	68.0	69.2	71.3	72.9	74.4	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2800	61.9	67.1	69.4	70.7	73.0	74.6	76.4	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2600	62.4	67.6	70.0	71.3	73.5	75.1	77.0	77.6	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2400	62.9	68.2	70.6	72.1	74.5	76.1	77.9	78.6	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2200	62.9	68.4	70.7	72.2	74.6	76.2	78.0	78.7	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
2000	63.3	69.1	71.6	73.1	75.5	77.1	78.9	79.5	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
1800	63.8	69.9	72.3	73.8	76.3	77.9	79.8	80.4	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
1600	64.9	71.0	73.5	75.0	77.5	79.1	80.9	81.6	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
1400	66.8	73.3	75.8	77.5	80.0	81.6	83.4	84.1	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
1200	68.4	75.8	78.5	80.2	82.8	84.4	86.2	86.9	87.0	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1000	69.8	77.6	80.8	82.9	85.5	87.1	88.9	89.6	89.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
800	71.4	79.4	82.7	84.8	87.5	89.1	91.0	91.6	91.9	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
600	71.9	80.5	83.9	86.2	89.1	90.9	92.7	93.3	93.6	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
400	72.0	80.8	84.2	86.5	89.5	91.3	93.2	93.9	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
200	72.2	81.2	84.5	87.0	89.9	91.7	93.6	94.3	94.6	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0	72.3	81.5	84.9	87.5	90.5	92.7	94.6	95.3	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
4000	72.3	81.7	85.1	87.8	90.9	93.1	95.2	95.8	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
3800	72.3	81.7	85.1	87.8	90.9	93.1	95.4	96.0	96.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3600	72.4	82.0	85.6	88.3	91.3	93.5	95.8	96.4	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
3400	72.4	82.0	85.6	88.4	91.6	93.9	96.1	96.8	97.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
3200	72.4	82.0	85.6	88.4	91.6	93.9	96.3	97.0	97.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3000	72.4	82.0	85.6	88.5	91.7	94.0	96.4	97.1	97.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2800	72.4	82.1	85.7	88.6	92.0	94.4	96.9	97.5	98.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2600	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2400	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2200	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2000	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1800	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1600	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1400	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1200	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	72.4	82.1	85.8	88.7	92.1	94.5	97.0	97.6	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23112 MARCH AFB CA/RIVERSIDE

67-70-73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1600-2000

		ASLT. STAT. Miles															
		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
IV	400	52.6	59.8	62.2	64.4	66.2	67.4	68.2	68.7	69.5	70.0	70.1	70.2	70.2	70.3	70.3	
IV	300	55.8	62.2	65.5	67.7	69.7	70.9	71.6	72.2	72.2	72.9	73.4	73.5	73.7	73.7	73.8	
IV	200	55.8	62.2	65.5	67.7	69.7	70.9	71.6	72.2	72.2	73.1	72.7	73.8	73.9	73.9	74.0	
IV	100	56.3	62.9	66.3	68.5	70.5	71.7	72.5	73.1	73.1	74.1	74.6	74.7	74.8	74.8	74.9	
IV	0	57.1	64.4	68.0	70.3	72.5	73.9	74.6	75.3	75.3	76.2	76.8	76.9	77.0	77.0	77.1	
IV	400	57.2	64.8	68.4	70.9	73.0	74.6	75.6	76.2	76.2	77.2	77.7	77.8	78.0	78.0	78.1	
IV	300	57.2	64.8	68.4	70.9	73.0	74.6	75.6	76.2	76.2	77.2	77.7	77.8	78.0	78.0	78.1	
IV	200	58.3	66.1	69.8	72.5	74.6	76.2	77.3	78.2	78.2	79.1	79.7	79.8	79.9	79.9	80.0	
IV	100	58.4	66.2	69.9	72.6	74.7	76.3	77.4	78.3	78.3	79.2	79.8	79.9	80.0	80.0	80.1	
IV	0	58.8	66.7	70.3	73.0	75.2	76.8	78.0	78.8	78.8	79.8	80.3	80.4	80.5	80.5	80.6	
IV	400	59.1	67.3	71.0	73.7	75.6	77.4	78.6	79.5	79.5	80.4	81.0	81.1	81.2	81.2	81.3	
IV	300	59.7	66.1	71.7	74.4	76.6	78.2	79.4	80.2	80.2	81.2	81.7	81.8	81.9	81.9	82.0	
IV	200	60.8	69.4	73.0	75.8	78.0	79.6	80.8	81.6	81.6	82.6	83.2	83.3	83.4	83.4	83.5	
IV	100	61.3	70.2	74.0	77.0	79.2	80.9	82.2	83.0	83.0	84.0	84.6	84.7	84.8	84.8	84.9	
IV	0	62.4	72.5	76.9	80.6	82.9	84.5	85.8	86.7	86.7	87.6	88.4	88.5	88.6	88.6	88.7	
IV	400	63.1	73.9	78.5	82.4	84.6	86.2	87.5	88.4	88.6	89.6	90.3	90.4	90.5	90.5	90.6	
IV	300	63.3	74.9	79.9	83.9	86.2	87.8	89.1	90.0	90.2	91.2	91.9	92.0	92.2	92.2	92.3	
IV	200	63.3	75.3	80.2	84.2	86.6	88.3	89.6	90.4	90.6	91.6	92.4	92.5	92.6	92.6	92.7	
IV	100	63.5	75.7	80.9	85.2	87.8	89.7	91.0	91.8	92.0	93.3	94.1	94.2	94.3	94.3	94.4	
IV	0	63.8	76.7	82.2	86.7	89.4	91.3	92.6	93.4	93.7	95.1	95.8	95.9	96.0	96.0	96.1	
IV	400	63.8	76.8	82.6	87.1	89.8	91.7	93.3	94.2	94.4	95.8	96.7	96.8	96.9	96.9	97.0	
IV	300	63.8	76.8	82.6	87.1	89.8	91.7	93.3	94.2	94.4	95.8	96.7	96.8	96.9	96.9	97.0	
IV	200	63.8	77.0	83.0	87.8	90.5	92.5	94.1	95.1	95.3	96.9	97.7	97.8	98.0	98.0	98.1	
IV	100	63.8	77.1	83.1	88.0	90.6	92.6	94.2	95.2	95.4	97.2	98.1	98.2	98.3	98.3	98.4	
IV	0	63.8	77.2	83.2	88.2	90.9	92.8	94.5	95.5	95.7	97.6	98.5	98.5	98.7	98.7	98.8	
IV	400	63.8	77.3	83.3	88.3	91.0	92.9	94.6	95.6	95.8	97.7	98.6	98.7	98.8	98.8	98.9	
IV	300	63.8	77.3	83.3	88.3	91.0	92.9	94.6	95.7	95.9	97.8	98.8	98.9	99.0	99.0	99.1	
IV	200	63.8	77.3	83.5	88.5	91.2	93.1	94.8	95.9	96.1	98.2	99.1	99.2	99.4	99.4	99.5	
IV	100	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	
IV	0	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	
IV	400	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	
IV	300	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	
IV	200	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	
IV	100	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	
IV	0	63.8	77.3	83.5	88.5	91.3	93.2	94.9	96.1	96.3	98.4	99.4	99.5	99.6	99.6	99.7	

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23112 MARCH AFB CA/RIVERSIDE

7-76, 73-78

JA

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
2 1000	52.3	58.9	61.1	62.3	64.6	65.5	67.0	67.6	68.1	69.5	69.8	70.4	70.5	70.8	71.3	71.9					
2 900	54.1	61.0	63.3	64.5	67.0	67.3	67.4	70.0	70.4	71.6	72.2	72.8	72.9	73.1	73.7	74.3					
2 800	54.4	61.3	63.7	64.8	67.3	68.2	67.7	70.3	70.8	72.2	72.5	73.1	73.2	73.4	74.0	74.6					
2 700	54.4	61.3	63.7	64.8	67.3	68.2	67.7	70.3	70.8	72.2	72.5	73.1	73.2	73.4	74.0	74.6					
2 600	54.7	61.6	64.0	65.5	68.0	68.8	71.3	71.0	71.4	72.8	73.1	73.8	73.9	74.1	74.6	75.3					
2 500	55.3	62.2	64.5	66.2	68.9	69.8	71.3	72.0	72.5	73.9	74.2	74.8	74.9	75.2	75.7	76.3					
2 400	55.8	62.8	65.4	67.1	69.8	70.6	72.2	72.9	73.3	74.7	75.1	75.7	75.8	76.0	76.6	77.2					
2 300	55.8	62.8	65.4	67.1	69.8	70.6	72.2	72.9	73.3	74.7	75.1	75.7	75.8	76.0	76.6	77.2					
2 200	56.5	63.7	66.5	68.2	70.9	71.7	73.2	74.0	74.4	75.8	76.1	76.8	76.9	77.1	77.6	78.3					
2 100	56.5	63.7	66.5	68.2	70.9	71.7	73.5	74.3	74.7	76.1	76.5	77.1	77.2	77.4	78.0	78.6					
2 000	56.7	63.9	66.7	68.4	71.2	72.0	74.2	74.9	75.4	76.8	77.1	77.7	77.8	78.1	78.6	79.2					
2 900	57.0	64.5	67.4	69.1	71.9	72.8	74.9	75.8	76.2	77.6	78.0	78.5	78.7	78.9	79.5	80.1					
2 800	57.2	64.8	67.7	69.5	72.3	73.1	75.3	76.1	76.6	78.0	78.3	78.9	79.0	79.2	79.8	80.4					
2 700	58.5	65.3	69.6	71.5	74.3	75.2	77.3	78.2	78.6	80.0	80.3	81.0	81.1	81.3	81.8	82.5					
2 600	58.9	67.0	70.3	72.4	75.3	76.1	78.3	79.1	79.6	81.0	81.3	81.9	82.0	82.3	82.8	83.4					
2 500	59.9	69.1	72.6	74.8	77.8	78.7	81.9	81.7	82.2	83.5	83.9	84.5	84.6	84.8	85.4	86.0					
2 400	60.2	71.5	75.2	77.6	80.8	81.5	83.9	84.7	85.2	86.6	87.0	87.6	87.7	88.0	88.5	89.1					
2 300	61.1	72.9	77.0	80.2	83.7	84.6	86.9	87.8	88.3	89.7	90.1	90.8	90.9	91.1	91.6	92.3					
2 200	61.1	73.2	77.5	80.8	84.2	85.2	87.4	88.4	88.8	90.2	90.6	91.3	91.4	91.6	92.2	92.8					
2 100	61.4	73.9	78.3	81.8	85.3	86.3	88.6	89.6	90.0	91.4	91.9	92.7	92.8	93.0	93.5	94.2					
2 000	61.4	74.1	78.6	82.4	85.9	87.1	89.4	90.3	90.8	92.2	92.7	93.4	93.5	93.8	94.3	94.9					
2 900	61.4	74.2	78.8	82.6	86.3	87.5	89.9	90.9	91.3	92.7	93.2	94.0	94.1	94.3	94.8	95.5					
2 800	61.5	74.3	79.1	82.9	86.8	88.2	90.5	91.5	91.9	93.3	92.9	94.6	94.7	94.9	95.5	96.1					
2 700	61.5	74.3	79.1	83.1	87.0	88.4	90.8	91.7	92.2	93.5	94.1	94.8	94.9	95.2	95.7	96.3					
2 600	61.5	74.3	79.1	83.1	87.1	88.5	90.9	91.8	92.3	93.9	94.4	95.2	95.3	95.5	96.0	96.7					
2 500	61.5	74.4	79.2	83.4	87.4	88.8	91.3	92.3	92.7	94.3	94.8	95.6	95.7	95.9	96.5	97.1					
2 400	61.5	74.4	79.2	83.4	87.4	88.8	91.3	92.4	92.8	94.4	94.9	95.7	95.8	96.0	96.6	97.2					
2 300	61.5	74.5	79.4	83.5	87.8	89.2	91.9	93.1	93.5	95.2	95.7	96.5	96.6	96.9	97.4	98.1					
2 200	61.5	74.5	79.4	83.5	88.0	89.4	92.2	93.4	93.9	95.6	96.2	97.0	97.2	97.6	98.3	99.0					
2 100	61.5	74.5	79.4	83.5	88.2	89.6	92.5	93.8	94.3	96.0	96.7	97.4	97.7	98.4	99.0	99.8					
2 000	61.5	74.5	79.4	83.5	88.2	89.6	92.5	93.8	94.3	96.0	96.7	97.4	97.7	98.4	99.0	99.9					
2 900	61.5	74.5	79.4	83.5	88.2	89.6	92.5	93.8	94.3	96.0	96.7	97.4	97.7	98.4	99.0	100.0					
2 800	61.5	74.5	79.4	83.5	88.2	89.6	92.5	93.8	94.3	96.0	96.7	97.4	97.7	98.4	99.0	100.0					

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH APR CA/RIVERSIDE

7-70,73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
52.9	57.9	59.5	60.0	62.1	62.9	63.7	64.2	64.3	64.8	65.2	65.3	65.6	65.7	65.9	66.9				
56.1	61.3	63.0	64.1	65.0	66.5	67.3	67.8	67.9	68.5	68.9	69.0	69.2	69.4	69.6	69.7	69.9	70.9		
56.4	61.6	63.3	64.4	65.9	66.8	67.6	68.2	68.3	68.8	69.2	69.4	69.6	69.7	69.9	70.9				
56.4	61.7	63.5	64.5	66.1	67.1	67.9	68.4	68.5	69.1	69.2	69.5	69.9	70.1	70.2	71.2				
57.0	62.3	64.1	65.3	66.9	67.8	68.7	69.2	69.3	69.9	70.3	70.4	70.7	70.8	71.0	72.0				
57.8	63.3	65.1	66.4	68.1	69.1	69.9	70.6	70.7	71.3	71.8	71.9	72.1	72.3	72.5	73.5				
58.5	64.7	66.2	67.6	69.3	70.3	71.3	72.0	72.1	72.7	73.2	73.3	73.6	73.7	73.9	74.9				
58.8	64.5	66.6	67.9	69.8	70.7	71.6	72.3	72.5	73.1	73.6	73.7	74.0	74.1	74.3	75.3				
59.4	65.3	67.4	68.9	70.6	71.7	72.7	73.4	73.6	74.2	74.7	74.8	75.1	75.2	75.4	76.4				
59.5	65.4	67.5	69.1	70.8	71.9	72.9	73.7	73.9	74.5	75.2	75.1	75.3	75.5	75.7	76.7				
59.8	65.8	68.0	69.5	71.3	72.4	73.5	74.3	74.5	75.1	75.5	75.6	75.9	76.0	76.2	77.3				
60.1	66.3	68.5	70.1	71.9	73.0	74.1	74.9	75.1	75.8	76.2	76.3	76.6	76.7	77.0	78.0				
60.5	66.8	69.0	70.5	72.4	73.5	74.6	75.4	75.6	76.3	76.7	76.8	77.1	77.2	77.5	78.5				
61.7	68.4	70.7	72.3	74.3	75.4	76.5	77.3	77.6	78.2	78.7	78.8	79.1	79.2	79.5	80.5				
62.6	69.7	72.0	73.5	75.8	76.9	78.1	78.9	79.2	79.8	80.3	80.4	80.7	80.8	81.1	82.1				
63.6	71.2	73.9	75.8	78.0	79.1	80.2	81.1	81.3	82.0	82.5	82.6	82.9	83.0	83.3	84.3				
64.5	72.7	75.5	77.5	79.8	80.9	82.1	83.0	83.3	84.0	84.5	84.6	84.9	85.0	85.3	86.3				
65.0	73.7	76.7	78.9	81.4	82.5	83.9	84.9	85.2	85.9	86.4	86.6	86.9	87.0	87.3	88.3				
65.1	74.0	77.0	79.3	81.9	83.1	84.4	85.5	85.8	86.4	87.0	87.1	87.4	87.5	87.8	88.9				
65.5	74.8	77.9	80.5	83.1	84.5	85.9	86.9	87.2	88.0	88.5	88.7	89.0	89.1	89.4	90.4				
65.8	75.4	78.7	81.5	84.4	85.8	87.3	88.3	88.7	89.5	90.1	90.2	90.5	90.7	91.0	92.1				
66.0	75.8	79.2	82.2	85.1	86.7	88.2	89.3	89.7	90.5	91.1	91.3	91.6	91.8	92.1	93.1				
66.0	76.0	79.4	82.4	85.5	87.1	88.6	89.7	90.1	91.0	91.7	91.8	92.1	92.3	92.6	93.7				
66.1	76.1	79.7	82.7	85.8	87.5	89.1	90.2	90.7	91.5	92.3	92.4	92.7	92.9	93.2	94.3				
66.2	76.3	79.8	82.9	86.1	87.8	89.4	90.5	91.0	91.9	92.7	92.8	93.1	93.4	93.6	94.7				
66.2	76.4	79.9	83.1	86.4	88.1	89.9	91.1	91.5	92.5	93.3	93.4	93.7	94.0	94.3	95.4				
66.2	76.4	80.0	83.3	86.7	88.5	90.3	91.6	92.1	93.2	94.0	94.2	94.5	94.8	95.1	96.2				
66.2	76.4	80.0	83.3	86.8	88.7	90.6	92.0	92.5	93.6	94.5	94.7	95.1	95.4	95.7	96.9				
66.2	76.4	80.1	83.4	86.9	88.9	90.8	92.3	92.9	94.2	95.2	95.4	95.8	96.3	96.7	97.9				
66.2	76.4	80.1	83.4	87.0	88.9	90.8	92.4	93.0	94.3	95.3	95.6	96.1	96.5	97.1	98.5				
66.2	76.4	80.1	83.4	87.0	88.9	90.8	92.4	93.1	94.3	95.4	95.6	96.1	96.6	97.2	99.1				
66.2	76.4	80.1	83.4	87.0	88.9	90.8	92.4	93.1	94.3	95.4	95.6	96.1	96.6	97.2	100.0				

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23113 MARCH AFB CA/RIVERSIDE

7-70, 73-78

FE

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	40.7	49.3	52.5	54.8	58.3	59.9	61.7	63.4	64.3	65.7	66.5	66.7	67.0	67.4	67.7	68.2
≥ 2000	41.7	50.2	53.7	55.9	59.5	61.2	63.0	64.7	65.6	67.4	68.2	68.3	68.8	69.1	69.5	70.0
IV 1800	42.0	50.5	53.9	56.1	59.7	61.5	63.2	64.9	65.8	67.6	68.4	68.6	69.0	69.4	69.7	70.2
IV 1600	42.1	50.6	54.0	56.3	59.8	61.6	63.4	65.0	66.0	67.7	68.6	68.7	69.1	69.5	69.9	70.3
IV 1400	42.3	50.8	54.3	56.5	60.2	61.9	63.7	65.4	66.3	68.1	68.9	69.0	69.5	69.9	70.2	70.7
IV 1200	43.0	51.7	55.1	57.4	61.2	63.1	65.0	66.7	67.6	69.4	70.2	70.3	70.8	71.2	71.5	72.0
IV 1000	43.5	52.4	55.9	58.3	62.1	64.1	66.0	67.8	68.8	70.6	71.4	71.5	72.0	72.3	72.7	73.2
IV 900	43.7	52.6	56.1	58.9	62.6	64.7	66.5	68.4	69.4	71.2	72.0	72.1	72.6	72.9	73.3	73.8
IV 800	44.0	52.8	56.4	59.1	62.9	64.9	66.8	68.7	69.6	71.4	72.2	72.3	72.8	73.2	73.5	74.0
IV 700	44.3	53.1	56.6	59.5	63.2	65.2	67.1	69.0	70.0	71.7	72.6	72.7	73.2	73.5	73.9	74.3
IV 600	45.0	54.3	57.8	60.6	64.4	66.4	68.3	70.2	71.2	72.9	73.8	73.9	74.3	74.7	75.1	75.5
IV 500	45.6	55.3	58.9	61.7	65.5	67.5	69.4	71.3	72.2	74.0	74.8	74.9	75.4	75.8	76.1	76.6
IV 4500	46.0	55.7	59.3	62.2	66.0	68.0	69.9	71.7	72.7	74.5	75.3	75.4	75.9	76.2	76.6	77.1
IV 4000	47.0	57.6	61.2	64.1	68.0	70.0	72.1	74.0	74.9	76.7	77.5	77.7	78.1	78.5	78.8	79.3
IV 3500	47.1	58.5	62.3	65.1	69.0	71.2	73.3	75.3	76.2	78.0	78.8	79.0	79.4	79.8	80.1	80.6
IV 3000	48.2	59.9	63.8	66.8	70.7	72.8	74.9	77.0	77.9	79.7	80.5	80.6	81.1	81.6	81.9	82.5
IV 2400	48.8	61.6	65.7	68.7	72.7	74.8	77.2	79.3	80.3	82.0	82.9	83.0	83.5	83.9	84.3	84.9
IV 2000	49.1	63.4	67.5	70.9	75.2	77.3	79.7	81.8	82.7	84.5	85.3	85.5	85.9	86.4	86.8	87.4
IV 1800	49.3	63.6	67.8	71.3	75.5	77.7	80.0	82.2	83.1	85.0	85.8	85.9	86.4	86.9	87.2	87.8
IV 1500	49.3	64.3	69.0	72.5	76.8	79.0	81.4	83.6	84.5	86.4	87.2	87.4	87.8	88.3	88.7	89.2
IV 1200	49.5	64.8	69.5	73.0	77.8	79.9	82.3	84.6	85.6	87.5	88.3	88.4	88.9	89.4	89.7	90.3
IV 1000	49.5	65.5	70.3	74.1	79.0	81.2	83.8	86.1	87.0	88.9	89.7	89.8	90.3	90.8	91.1	91.7
IV 900	49.5	65.5	70.3	74.1	79.0	81.2	83.8	86.2	87.1	89.0	89.8	90.0	90.4	90.9	91.3	91.8
IV 800	49.5	65.6	70.4	74.2	79.1	81.6	84.2	86.5	87.5	89.4	90.3	90.4	90.9	91.4	91.7	92.3
IV 700	49.5	65.7	70.6	74.3	79.2	81.8	84.5	86.9	87.8	89.7	90.7	90.8	91.4	91.8	92.2	92.8
IV 600	49.5	65.7	70.8	74.4	79.3	82.3	85.0	87.5	88.4	90.3	91.3	91.4	92.0	92.4	92.8	93.4
IV 500	49.5	65.8	70.9	74.7	79.4	82.7	85.5	87.9	88.9	91.3	92.3	92.4	93.0	93.6	94.0	94.7
IV 400	49.5	65.8	70.9	74.7	79.4	83.0	85.8	88.8	89.7	92.3	93.5	93.6	94.2	94.8	95.2	95.9
IV 300	49.5	65.8	71.0	74.9	80.4	83.2	86.1	89.6	90.5	93.3	94.4	94.6	95.2	95.7	96.5	97.2
IV 200	49.5	65.8	71.0	74.9	80.4	83.2	86.1	89.7	90.7	93.5	94.7	94.8	95.5	96.1	97.0	97.8
IV 100	49.5	65.8	71.0	74.9	80.4	83.2	86.1	89.7	90.7	93.5	94.7	94.8	95.6	96.2	97.2	98.8
IV 0	49.5	65.8	71.0	74.9	80.4	83.2	86.1	89.7	90.7	93.5	94.7	94.8	95.6	96.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

FE3

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	39.0	47.3	49.8	50.9	54.5	56.1	57.4	58.5	59.0	60.3	61.7	61.8	62.5	62.5	63.2	65.4
IV 18000	40.4	48.7	51.5	52.7	56.3	57.9	59.2	60.3	60.8	62.2	63.8	63.9	64.7	64.7	65.5	67.6
IV 16000	40.5	48.9	51.8	53.0	56.5	58.2	59.5	60.5	61.0	62.4	64.1	64.2	64.9	64.9	65.7	67.8
IV 14000	41.3	49.6	52.5	53.7	57.2	58.9	61.2	61.2	61.7	63.1	64.8	64.9	65.6	65.6	66.4	68.6
IV 12000	42.1	50.6	53.4	54.6	58.3	59.9	61.2	62.3	62.8	64.2	65.8	66.0	66.7	66.7	67.5	69.6
IV 10000	42.4	50.9	53.8	55.0	58.6	60.3	61.6	62.6	63.2	64.7	66.4	66.5	67.3	67.3	68.1	70.2
IV 9000	42.6	51.1	53.9	55.2	58.9	60.5	61.8	62.9	63.5	64.9	66.7	66.8	67.5	67.5	68.3	70.4
IV 8000	42.8	51.3	54.1	55.6	59.3	61.0	62.3	63.4	63.9	65.4	67.1	67.3	68.0	68.0	68.8	70.9
IV 7000	42.8	51.3	54.1	55.6	59.3	61.0	62.3	63.4	63.9	65.4	67.1	67.3	68.0	68.0	68.8	70.9
IV 6000	43.5	52.2	55.1	56.5	60.3	61.9	63.2	64.3	64.9	66.3	68.1	68.2	68.9	68.9	69.7	71.9
IV 5000	44.0	53.5	56.5	57.9	61.7	63.5	64.8	65.8	66.4	67.8	69.6	69.7	70.4	70.4	71.3	73.4
IV 4500	44.0	53.8	56.7	58.2	61.9	63.7	65.0	66.1	66.7	68.1	69.9	70.0	70.7	70.7	71.5	73.6
IV 4000	44.4	54.5	57.4	58.9	62.6	64.4	65.7	67.0	67.6	69.0	70.8	70.9	71.7	71.7	72.6	74.7
IV 3500	45.2	55.6	58.5	59.9	63.7	65.5	66.8	68.4	69.0	70.4	72.2	72.3	73.2	73.2	74.0	76.1
IV 3000	45.7	56.9	60.2	61.7	65.5	67.3	68.6	70.2	70.8	72.2	74.0	74.1	74.9	74.9	75.8	78.0
IV 2500	46.0	57.9	61.2	62.9	66.9	68.7	70.1	72.0	72.6	74.1	75.9	76.0	76.8	76.8	77.7	79.9
IV 2000	46.5	59.8	63.6	65.4	69.4	71.2	72.6	74.5	75.1	76.6	78.4	78.5	79.3	79.3	80.1	82.4
IV 1800	46.6	60.0	63.8	65.8	70.1	71.9	73.3	75.2	75.8	77.3	79.1	79.2	80.0	80.0	80.9	83.1
IV 1500	46.8	60.6	64.7	66.8	71.3	73.0	74.5	76.4	77.0	78.5	80.3	80.4	81.2	81.2	82.0	84.3
IV 1200	46.9	61.0	65.1	67.6	72.7	74.5	76.2	78.1	78.7	80.3	82.0	82.2	83.0	83.0	83.8	86.1
IV 1000	46.9	61.0	65.2	67.8	73.0	74.8	76.7	79.0	79.6	81.1	82.9	83.0	83.8	83.8	84.6	86.9
IV 900	47.2	61.2	65.7	68.3	73.6	75.4	77.5	79.8	80.4	81.9	83.7	83.8	84.6	84.6	85.5	87.7
IV 800	47.2	61.3	66.0	68.6	74.2	76.0	78.3	80.5	81.1	82.6	84.4	84.6	85.5	85.5	86.4	88.7
IV 700	47.2	61.3	66.0	68.6	74.3	76.1	78.4	80.6	81.2	82.7	84.5	84.8	85.6	85.6	86.5	88.8
IV 600	47.2	61.5	66.1	68.7	74.5	76.2	78.5	81.2	81.8	83.3	85.1	85.3	86.2	86.2	87.1	89.4
IV 500	47.2	61.7	66.3	68.9	74.7	76.5	78.8	81.6	82.3	84.2	85.9	86.2	87.0	87.0	87.9	90.2
IV 400	47.2	61.8	66.4	69.1	74.9	76.7	79.4	82.3	83.1	85.0	86.9	87.1	88.1	88.1	89.0	91.3
IV 300	47.2	61.8	66.4	69.1	74.9	76.7	79.6	82.5	83.3	85.3	87.5	87.7	89.0	89.0	90.4	93.0
IV 200	47.2	61.8	66.4	69.1	74.9	76.7	79.6	82.5	83.3	85.5	87.9	88.2	90.1	90.1	91.8	94.4
IV 100	47.2	61.8	66.4	69.1	74.9	76.7	79.6	82.5	83.3	85.6	88.1	88.3	90.2	90.5	92.3	97.0
IV 0	47.2	61.8	66.4	69.1	74.9	76.7	79.6	82.5	83.3	85.6	88.1	88.3	90.2	90.5	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23114 MARCH AFB CA/RIVERSIDE

7-70, 73-76

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0	
NO CEILING	43.1	46.5	47.3	48.1	50.4	52.0	52.5	53.4	54.1	55.1	55.8	56.3	57.2	57.2	57.9	60.3
> 20000	45.2	48.5	49.3	50.1	52.0	54.4	54.8	55.9	56.6	57.7	58.4	58.9	59.8	60.0	60.8	63.1
≥ 18000	45.3	48.6	49.5	50.5	53.0	54.7	55.2	56.3	57.0	58.0	58.7	59.2	60.2	60.5	61.2	63.6
IV 16000	46.0	49.3	50.2	51.2	53.7	55.4	55.9	57.0	57.7	58.7	59.5	59.9	60.9	61.2	61.9	64.3
IV 14000	46.5	49.8	50.7	51.7	54.1	55.9	56.4	57.4	58.2	59.2	59.9	60.4	61.3	61.7	62.4	64.8
IV 12000	48.1	51.7	52.6	53.5	56.0	57.8	58.3	59.3	60.0	61.1	61.9	62.4	63.4	63.7	64.4	66.8
IV 10000	49.1	52.6	53.5	54.5	57.2	59.0	59.5	60.5	61.2	62.4	63.2	63.7	64.7	65.0	65.7	68.1
IV 9000	49.1	52.6	53.5	54.5	57.2	59.0	59.5	60.5	61.2	62.4	63.2	63.7	64.7	65.0	65.7	68.1
IV 8000	49.8	53.3	54.3	55.2	58.0	59.8	60.5	61.6	62.3	63.5	64.3	64.8	65.7	66.1	66.8	69.3
IV 7500	49.3	53.3	54.3	55.2	58.0	59.9	60.5	61.6	62.3	63.5	64.3	64.8	65.7	66.1	66.8	69.3
IV 6000	50.1	53.8	54.8	55.8	58.6	60.5	61.2	62.3	63.0	64.2	65.0	65.5	66.4	66.8	67.5	70.0
IV 5000	50.6	54.4	55.4	56.5	59.5	61.3	62.1	63.2	63.9	65.2	66.1	66.5	67.5	67.8	68.6	71.0
IV 4500	50.6	54.4	55.4	56.6	59.6	61.5	62.2	63.4	64.1	65.4	66.2	66.7	67.6	68.0	68.7	71.2
IV 4000	51.1	55.4	56.5	57.9	60.9	62.8	63.5	64.7	65.4	66.7	67.5	68.0	68.9	69.3	70.0	72.5
IV 3500	51.9	56.4	57.4	59.0	61.9	63.8	64.5	65.8	66.5	67.8	68.7	69.1	70.1	70.4	71.2	73.6
IV 3000	52.8	57.6	58.9	60.5	63.6	65.5	66.2	67.5	68.2	69.5	70.3	70.8	71.7	72.1	72.8	75.4
IV 2500	53.7	58.9	60.3	62.1	65.8	67.8	68.7	70.0	70.7	72.0	72.8	73.3	74.2	74.6	75.3	77.9
IV 2000	54.0	60.6	62.2	64.1	67.6	70.0	70.9	72.2	72.9	74.2	75.1	75.5	76.5	76.8	77.5	80.1
IV 1800	54.1	60.9	62.4	64.4	68.2	70.4	71.4	72.8	73.5	74.8	75.7	76.1	77.1	77.4	78.1	80.7
IV 1500	54.6	61.9	63.7	66.1	70.0	72.2	73.5	74.9	75.7	77.0	77.8	78.3	79.2	79.6	80.3	83.0
IV 1200	54.8	62.9	64.7	67.1	71.4	73.8	75.2	76.7	77.4	78.8	79.7	80.1	81.2	81.6	82.3	85.0
IV 1000	54.8	63.0	64.8	67.3	71.7	74.1	75.5	77.3	78.1	79.7	80.5	81.0	82.0	82.5	83.2	85.9
IV 900	54.8	63.0	64.8	67.4	72.2	74.6	76.2	78.0	78.8	80.4	81.2	81.7	82.7	83.2	83.9	86.6
IV 800	55.0	63.2	65.0	67.6	72.7	75.3	77.0	78.7	79.6	81.1	81.9	82.4	83.5	83.9	84.6	87.5
IV 700	55.0	63.2	65.0	67.6	72.9	75.5	77.4	79.2	80.0	81.6	82.4	82.9	83.9	84.4	85.1	87.9
IV 600	55.0	63.5	65.2	67.8	73.3	75.9	77.8	79.7	80.5	82.0	82.9	83.3	84.5	85.1	85.8	88.8
IV 500	55.0	63.6	65.5	68.1	73.6	76.2	78.4	80.3	81.1	82.6	83.6	84.0	85.2	85.8	86.6	89.6
IV 400	55.1	63.7	65.6	68.2	74.0	76.6	78.7	80.6	81.6	83.1	84.0	84.5	85.7	86.4	87.2	90.9
IV 300	55.1	63.7	65.6	68.2	74.0	76.6	78.8	80.7	81.8	83.3	84.4	85.0	86.2	87.2	88.4	92.9
IV 200	55.1	63.8	65.7	68.3	74.1	76.7	79.0	80.9	81.9	83.6	84.8	85.3	86.6	87.7	90.0	95.4
IV 100	55.1	63.8	65.7	68.3	74.1	76.7	79.0	80.9	81.9	83.6	84.8	85.3	86.6	87.8	90.2	97.9
IV 0	55.1	63.8	65.7	68.3	74.1	76.7	79.0	80.9	81.9	83.6	84.8	85.3	86.6	87.8	90.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

67-70, 73-78

FEET

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	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	51.1	53.8	54.8	56.1	59.6	61.3	61.7	62.4	62.6	63.0	63.2	63.4	63.5	63.7	64.1	64.1
≥ 20000	52.7	55.6	56.6	57.9	61.5	63.2	63.7	64.5	64.8	65.2	65.6	65.7	65.8	66.1	66.4	66.4
IV 18000	53.0	55.8	56.9	58.2	61.7	63.5	63.9	64.8	65.0	65.5	65.8	66.0	66.2	66.4	66.8	66.8
IV 5000	53.7	56.6	57.8	59.1	62.6	64.4	65.0	65.8	66.1	66.5	66.9	67.0	67.3	67.5	67.8	67.8
IV 4000	55.2	58.2	59.3	60.6	64.2	66.0	66.7	67.5	67.7	68.2	68.6	68.7	68.9	69.1	69.5	69.5
IV 2000	56.1	59.3	60.5	61.9	65.8	67.6	68.3	69.1	69.4	70.0	70.3	70.4	70.7	70.9	71.3	71.3
IV 1000	56.6	59.9	61.1	62.8	66.7	68.4	69.1	70.0	70.2	70.8	71.2	71.3	71.5	71.7	72.1	72.1
IV 9000	56.7	60.0	61.2	62.9	66.8	68.6	69.4	70.2	70.4	71.0	71.4	71.5	71.7	72.0	72.3	72.3
IV 8000	57.4	61.7	62.2	63.8	67.7	69.5	70.3	71.2	71.4	72.0	72.3	72.5	72.7	72.9	73.3	73.3
IV 7000	57.8	61.7	62.9	64.4	68.8	70.6	71.4	72.2	72.5	73.2	73.5	73.6	73.9	74.1	74.5	74.5
IV 6000	58.0	62.2	63.4	65.2	69.3	71.0	71.9	72.7	72.9	73.6	74.0	74.1	74.3	74.6	74.9	74.9
IV 5000	58.0	62.3	63.5	65.4	69.5	71.3	72.1	73.0	73.4	74.1	74.5	74.6	74.8	75.1	75.4	75.4
IV 4500	58.2	62.5	63.8	65.8	70.0	71.7	72.6	73.5	73.9	74.6	74.9	75.1	75.3	75.5	75.9	75.9
IV 4000	59.5	63.9	65.2	67.3	71.6	73.4	74.2	75.2	75.5	76.2	76.6	76.7	77.0	77.2	77.5	77.5
IV 3500	59.6	64.4	65.8	67.8	72.3	74.2	75.1	76.0	76.4	77.1	77.4	77.5	77.8	78.0	78.4	78.4
IV 3000	60.8	66.0	67.7	70.0	74.5	76.4	77.2	78.1	78.5	79.2	79.6	79.7	79.9	80.1	80.5	80.5
IV 2500	61.8	67.7	69.9	72.3	76.8	78.7	79.6	80.6	81.0	81.7	82.0	82.2	82.4	82.6	83.0	83.0
IV 2000	62.9	69.6	72.2	75.1	79.7	81.8	82.6	83.7	84.0	84.9	85.2	85.3	85.6	85.8	86.2	86.3
IV 1800	63.5	70.3	72.9	75.8	80.4	82.5	83.3	84.5	84.9	85.7	86.1	86.2	86.4	86.6	87.0	87.1
IV 1500	64.4	71.6	74.3	77.3	82.2	84.5	85.3	86.5	86.9	87.7	88.1	88.2	88.7	88.9	89.2	89.4
IV 1200	64.5	72.1	75.2	78.1	83.0	85.5	86.4	87.6	87.9	89.0	89.4	89.5	90.0	90.2	90.5	90.7
IV 1000	64.7	72.5	75.5	78.7	83.7	86.3	87.2	88.5	88.9	90.1	90.4	90.5	91.0	91.3	91.6	91.7
IV 900	64.7	72.7	75.8	79.0	83.9	86.8	87.7	89.0	89.4	90.5	91.1	91.3	91.7	92.0	92.3	92.4
IV 800	64.8	73.3	76.5	79.7	84.8	87.7	88.8	90.1	90.4	91.6	92.3	92.4	92.9	93.1	93.5	93.6
IV 700	64.8	73.3	76.5	79.9	85.1	88.1	89.1	90.4	90.8	92.0	92.7	92.9	93.4	93.7	94.1	94.2
IV 600	64.8	73.3	76.5	79.9	85.1	88.2	89.5	91.3	91.7	93.0	93.9	94.2	94.7	95.2	95.5	95.6
IV 500	64.8	73.3	76.6	80.0	85.3	88.5	90.0	91.7	92.2	93.6	94.4	94.8	95.3	96.0	96.3	96.5
IV 400	64.8	73.3	76.7	80.1	85.5	88.7	90.2	92.1	92.7	94.2	95.4	95.7	96.3	97.0	97.4	97.8
IV 300	64.8	73.3	76.7	80.1	85.6	88.8	90.3	92.2	92.8	94.3	95.7	96.1	96.7	97.6	98.0	98.6
IV 200	64.8	73.3	76.7	80.1	85.6	88.8	90.3	92.2	92.8	94.3	95.7	96.1	96.8	97.9	98.5	99.3
IV 100	64.8	73.3	76.7	80.1	85.6	88.8	90.3	92.2	92.8	94.3	95.7	96.1	96.8	97.9	98.5	99.9
IV 0	64.8	73.3	76.7	80.1	85.6	88.8	90.3	92.2	92.8	94.3	95.7	96.1	96.8	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23117 MARCH AFB CA/RIVERSIDE

7-70, 73-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS:

1200-1400

CEILING FEET	VISIBILITY STATE IN FEET															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO CEILING	55.4	57.9	59.5	60.4	63.5	63.9	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	58.3	60.8	62.3	63.5	67.1	67.6	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 18000	58.7	61.2	62.8	63.9	67.6	68.1	68.6	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	59.1	61.6	63.1	64.4	68.1	68.6	69.0	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5
IV 14000	60.0	62.5	64.3	65.7	69.4	69.9	70.3	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8
IV 12000	61.5	63.9	65.7	67.3	71.0	71.5	72.1	72.2	72.3	72.7	72.8	72.9	72.8	72.8	72.8	72.8
IV 10000	61.7	64.4	66.2	68.1	72.0	72.6	73.2	73.3	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	61.7	64.4	66.2	68.1	72.0	72.6	73.2	73.3	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1
IV 8000	62.8	65.6	67.4	69.3	73.2	73.8	74.3	74.5	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3
IV 7000	62.9	66.1	67.8	69.7	73.6	74.2	74.8	74.9	75.1	75.5	75.8	75.8	75.8	75.8	75.8	75.8
IV 6000	63.5	66.8	68.6	70.4	74.3	74.9	75.5	75.7	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5
IV 5000	63.9	67.4	69.1	71.0	74.9	75.5	76.1	76.2	76.4	76.8	77.1	77.1	77.1	77.1	77.1	77.1
IV 4500	64.7	68.2	70.0	71.9	75.8	76.4	77.0	77.1	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9
IV 4000	67.0	70.8	72.6	74.5	78.6	79.2	79.8	79.9	80.0	80.5	80.7	80.7	80.7	80.7	80.7	80.7
IV 3500	68.2	72.8	74.6	76.7	80.9	81.4	82.0	82.2	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000	70.3	75.8	77.7	79.9	84.4	85.0	85.6	85.7	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5
IV 2500	72.5	78.6	81.0	83.5	87.9	88.8	89.4	89.5	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3
IV 2000	74.1	80.9	83.2	85.7	90.3	91.3	92.0	92.1	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	74.3	81.1	83.5	85.9	90.5	91.5	92.2	92.3	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	75.2	82.6	85.0	87.6	92.2	93.3	94.0	94.3	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	75.4	83.2	85.6	88.4	93.1	94.3	95.3	95.7	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	75.4	83.2	85.7	88.5	93.3	94.6	95.5	96.0	96.3	97.2	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	75.4	83.3	85.8	88.7	93.4	94.7	95.6	96.2	96.6	97.4	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	75.7	83.9	86.4	89.4	94.1	95.4	96.3	97.0	97.4	98.2	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	75.7	84.0	86.5	89.5	94.2	95.5	96.5	97.4	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	75.7	84.0	86.5	89.5	94.4	95.7	96.7	97.6	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	75.7	84.0	86.5	89.5	94.6	95.9	96.8	97.8	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	75.7	84.0	86.5	89.5	94.7	96.0	96.9	97.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	75.7	84.0	86.5	89.5	94.7	96.0	96.9	97.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	75.7	84.0	86.5	89.5	94.7	96.0	96.9	97.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	75.7	84.0	86.5	89.5	94.7	96.0	96.9	97.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	75.7	84.0	86.5	89.5	94.7	96.0	96.9	97.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0	≥0
NO CEILING	48.2	53.0	54.7	56.7	59.0	61.1	62.5	63.0	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	50.8	56.3	58.3	60.4	64.3	66.2	67.8	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 18000	51.1	56.7	58.7	60.9	64.8	66.7	68.3	68.8	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 15000	51.4	57.1	59.1	61.3	65.2	67.1	68.9	69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	52.7	59.3	61.5	63.7	67.7	69.6	71.7	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 13000	54.3	61.1	63.2	65.6	69.6	71.5	74.0	74.5	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	55.2	62.3	64.4	66.9	71.0	72.9	75.4	75.9	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 11000	55.4	62.5	64.7	67.1	71.3	73.2	75.7	76.1	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 10000	56.4	63.5	65.6	68.1	72.2	74.1	76.7	77.2	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 9000	56.6	63.7	65.8	68.3	72.6	74.5	77.1	77.5	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000	56.7	63.9	66.1	68.6	72.8	74.7	77.3	77.8	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 7000	57.6	65.2	67.5	70.0	74.2	76.1	78.7	79.2	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 6000	58.4	66.1	68.3	70.8	75.3	77.3	79.9	80.4	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	60.2	68.0	70.3	72.9	77.4	79.4	82.0	82.5	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4500	61.7	69.7	72.3	74.9	79.6	81.6	84.3	84.8	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000	63.7	72.2	74.8	77.7	82.5	84.5	87.2	87.7	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	64.7	73.8	77.0	79.8	84.8	87.0	90.0	90.4	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	65.4	75.4	78.6	81.4	86.8	89.1	92.2	92.8	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	65.5	75.7	78.8	81.8	87.1	89.5	92.7	93.4	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	65.7	76.1	79.3	82.6	88.2	90.5	93.7	94.7	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	66.2	77.0	80.3	83.6	89.6	92.1	95.3	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	66.3	77.2	80.6	84.0	90.2	92.7	96.0	97.2	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	66.3	77.3	80.7	84.3	90.4	92.9	96.2	97.5	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 00	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	66.3	77.5	81.0	84.5	90.7	93.1	96.6	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23117 MARCH AFB CA/RIVERSIDE

7-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY FEET															
	≥ 0	20	25	24	20	27	27	27	24	2	24	21	2	250	21	20
NO CEILING	43.1	51.7	56.0	58.2	62.2	63.9	65.8	67.3	67.7	69.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000	44.5	53.3	57.5	59.8	64.0	65.8	67.9	70.1	70.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	44.6	53.4	57.6	59.9	64.1	65.9	68.0	70.2	70.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 8000	44.7	53.5	57.9	60.1	64.4	66.2	68.3	70.4	70.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	46.0	55.0	59.4	61.7	66.2	68.0	70.2	72.3	72.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 2000	46.9	56.1	61.1	63.3	68.0	70.2	72.4	74.6	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 1000	47.7	57.2	62.4	64.6	69.3	71.5	73.7	75.9	76.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 500	48.0	57.5	62.7	65.0	69.7	71.8	74.1	76.2	76.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 300	48.3	58.1	63.3	65.7	70.4	72.7	74.9	77.0	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 200	48.8	58.8	64.0	66.4	71.2	73.5	75.7	77.9	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 150	49.2	59.4	64.7	67.1	72.0	74.2	76.4	78.6	79.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 100	50.1	60.5	65.9	68.3	73.4	75.6	77.9	80.0	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 75	50.5	61.5	66.9	69.3	74.4	76.8	79.1	81.2	81.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 50	51.2	62.6	67.9	70.7	75.9	78.5	80.7	82.8	83.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 35	52.8	64.9	70.5	73.3	78.5	81.1	83.3	85.4	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 30	54.4	67.0	72.8	75.7	81.1	83.8	86.0	88.2	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 25	55.0	68.3	74.1	77.0	82.6	85.3	87.6	89.7	90.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 20	55.5	69.5	75.3	78.2	84.1	87.1	89.3	91.7	92.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 18	55.5	69.8	75.6	78.8	84.7	87.7	90.1	92.4	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 15	55.6	70.1	76.0	79.8	85.9	88.9	91.2	93.6	94.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 12	55.9	70.5	76.7	80.7	86.9	89.9	92.3	94.7	95.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 10	55.9	70.7	77.0	81.4	87.7	90.8	93.1	95.5	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 9	55.9	70.8	77.2	81.5	87.8	90.9	93.3	95.6	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 8	55.9	70.9	77.5	82.1	88.4	91.5	93.8	96.3	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 7	56.0	71.0	77.6	82.4	88.6	91.7	94.2	96.7	97.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 6	56.0	71.1	77.8	82.5	88.8	91.8	94.3	96.8	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 5	56.0	71.2	78.0	82.7	89.1	92.2	94.7	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 4	56.0	71.2	78.0	82.8	89.2	92.3	94.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3	56.0	71.2	78.0	82.8	89.2	92.3	94.9	97.5	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2	56.0	71.2	78.0	82.8	89.2	92.3	94.9	97.5	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1	56.0	71.2	78.0	82.8	89.2	92.3	94.9	97.5	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	56.0	71.2	78.0	82.8	89.2	92.3	94.9	97.5	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 845

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23113

MARCH APR CA/RIVERSIDE

67-70, 73-78

FEW

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0	
NO CEILING ≥ 20000	43.6	57.7	56.7	59.5	63.1	64.3	66.3	68.1	68.6	69.3	69.6	69.6	69.6	69.6	69.7	69.7
≥ 18000	44.2	53.4	57.4	60.3	64.3	65.6	67.7	70.0	70.4	71.2	71.5	71.5	71.5	71.5	71.6	71.6
≥ 16000	44.7	53.9	57.9	60.8	64.8	66.1	68.2	70.4	70.9	71.6	72.0	72.0	72.0	72.0	72.1	72.1
≥ 14000	45.0	54.3	58.3	61.1	65.1	66.4	68.6	70.8	71.3	72.0	72.3	72.3	72.3	72.3	72.5	72.5
≥ 12000	45.2	54.4	58.4	61.2	65.6	66.9	69.0	71.3	71.7	72.5	72.8	72.8	72.8	72.8	72.9	72.9
≥ 10000	46.1	55.3	59.3	62.3	67.0	68.4	70.8	73.2	73.6	74.3	74.7	74.7	74.7	74.7	74.8	74.8
≥ 9000	46.8	56.1	60.2	63.5	68.3	69.7	72.1	74.6	75.3	76.0	76.5	76.5	76.5	76.5	76.6	76.6
≥ 8000	47.3	56.6	60.6	63.9	68.8	70.2	72.6	75.1	75.8	76.5	77.0	77.0	77.0	77.0	77.1	77.1
≥ 7000	47.8	57.1	61.1	64.4	69.3	70.7	73.0	75.5	76.2	77.0	77.4	77.4	77.4	77.4	77.5	77.5
≥ 6000	48.3	57.9	61.9	65.2	70.1	71.5	73.9	76.4	77.1	77.8	78.3	78.3	78.3	78.3	78.4	78.4
≥ 5000	49.5	59.6	63.6	66.9	71.7	73.2	75.5	78.0	78.7	79.4	79.9	79.9	79.9	79.9	80.0	80.0
≥ 4500	50.2	60.8	64.9	68.2	73.3	74.7	77.1	79.6	80.3	81.0	81.4	81.4	81.4	81.4	81.6	81.6
≥ 4000	50.5	61.0	65.1	68.4	73.5	74.9	77.3	79.8	80.5	81.2	81.7	81.7	81.7	81.7	81.8	81.8
≥ 3500	52.1	63.0	67.3	70.8	76.2	77.7	80.0	82.5	83.2	83.9	84.4	84.4	84.4	84.4	84.5	84.5
≥ 3000	53.2	64.8	69.0	72.7	78.1	79.6	81.9	84.4	85.1	85.8	86.3	86.3	86.3	86.3	86.4	86.4
≥ 2500	53.9	65.6	70.2	73.9	79.3	80.7	83.1	85.6	86.4	87.1	87.6	87.6	87.6	87.7	87.8	87.8
≥ 2000	54.6	67.0	71.7	75.8	81.2	82.7	85.2	87.8	88.7	89.4	89.8	89.8	89.8	90.0	90.0	90.1
≥ 1800	55.1	67.8	72.7	76.7	82.2	83.7	86.3	88.9	89.7	90.4	90.9	90.9	90.9	91.0	91.0	91.1
≥ 1500	55.2	68.1	73.0	77.1	82.5	84.0	86.6	89.2	90.1	90.8	91.3	91.3	91.3	91.4	91.4	91.5
≥ 1000	55.6	68.9	74.0	78.4	84.0	85.6	88.3	91.0	91.8	92.6	93.0	93.0	93.0	93.1	93.1	93.3
≥ 800	55.6	69.1	74.3	79.2	85.2	86.8	89.5	92.3	93.3	94.0	94.4	94.4	94.4	94.6	94.6	94.7
≥ 700	55.8	69.9	75.1	80.0	86.3	87.8	90.5	93.5	94.4	95.2	95.6	95.6	95.6	95.7	95.7	95.9
≥ 600	55.8	70.0	75.3	80.1	86.4	87.9	90.7	93.6	94.6	95.3	95.7	95.7	95.7	95.9	95.9	96.0
≥ 500	55.8	70.2	75.5	80.5	86.6	88.4	91.1	94.2	95.2	95.9	96.3	96.3	96.3	96.5	96.5	96.6
≥ 400	55.8	70.6	76.0	81.0	87.2	88.9	91.6	94.7	95.6	96.3	96.8	96.8	96.8	96.9	96.9	97.0
≥ 300	55.8	70.7	76.4	81.4	87.9	89.6	92.3	95.4	96.3	97.0	97.5	97.5	97.5	97.6	97.6	97.8
≥ 200	55.8	70.8	76.5	81.7	88.2	90.0	92.7	95.9	96.8	97.6	98.1	98.1	98.1	98.2	98.2	98.3
≥ 100	55.8	70.8	76.5	81.8	88.3	90.2	93.0	96.3	97.6	98.5	98.9	98.9	98.9	99.1	99.1	99.2
≥ 0	55.8	70.8	76.5	81.8	88.3	90.2	93.0	96.6	97.9	98.7	99.2	99.2	99.2	99.3	99.3	99.4
0	55.8	70.8	76.5	81.8	88.3	90.2	93.0	96.6	97.9	98.7	99.2	99.2	99.2	99.3	99.5	99.6
0	55.8	70.8	76.5	81.8	88.3	90.2	93.0	96.6	97.9	98.7	99.2	99.2	99.2	99.3	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS

R46

DATA PROCESSING BRANCH  
 USAF ETAC  
 -IR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

23117 MARCH AFB CA/RIVERSIDE

7-7, 73-78

FEA

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	MILES TO STATUTE MILES															
	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	45.6	51.5	53.9	55.6	58.9	60.3	61.5	62.6	63.0	63.8	64.2	64.3	64.6	64.7	64.9	65.6
≥ 7500	47.2	53.3	55.6	57.5	61.2	62.7	64.0	65.2	65.7	66.6	67.1	67.2	67.4	67.5	67.8	68.5
≥ 8000	47.5	53.6	56.1	57.9	61.5	63.0	64.3	65.5	66.0	66.9	67.4	67.5	67.8	67.9	68.2	68.8
≥ 5000	47.8	54.0	56.5	58.3	61.9	63.5	64.8	66.0	66.5	67.4	67.9	68.0	68.3	68.4	68.7	69.3
≥ 4000	48.6	55.0	57.5	59.3	63.1	64.6	66.0	67.2	67.7	68.6	69.1	69.2	69.5	69.6	69.9	70.5
≥ 3000	49.8	56.2	58.9	60.8	64.6	66.3	67.8	69.0	69.5	70.4	70.9	71.0	71.2	71.4	71.7	72.3
≥ 2000	50.4	57.0	59.7	61.7	65.7	67.3	68.8	70.1	70.7	71.6	72.2	72.3	72.6	72.7	73.0	73.6
≥ 1000	50.6	57.2	59.9	61.9	65.9	67.6	69.1	70.3	70.9	71.9	72.5	72.6	72.9	73.0	73.3	73.9
≥ 8000	51.1	57.8	60.5	62.6	66.6	68.3	69.9	71.1	71.7	72.7	73.3	73.4	73.7	73.8	74.1	74.7
≥ 7000	51.4	58.2	60.9	63.1	67.1	68.8	70.4	71.6	72.2	73.2	73.8	73.9	74.2	74.3	74.6	75.2
≥ 6000	52.0	59.0	61.8	63.9	67.9	69.6	71.2	72.4	73.0	74.0	74.5	74.7	75.0	75.1	75.4	76.0
≥ 5000	52.5	59.9	62.7	64.9	69.0	70.7	72.3	73.5	74.2	75.2	75.7	75.8	76.1	76.2	76.5	77.2
≥ 4500	52.8	60.4	63.2	65.4	69.6	71.3	72.9	74.1	74.7	75.7	76.3	76.4	76.7	76.8	77.1	77.8
≥ 4000	54.1	62.0	64.8	67.1	71.4	73.2	74.8	76.1	76.7	77.7	78.2	78.4	78.7	78.8	79.1	79.7
≥ 3500	55.0	63.4	66.3	68.7	73.0	74.8	76.4	77.8	78.4	79.4	80.0	80.1	80.4	80.5	80.8	81.4
≥ 3000	56.2	65.1	68.3	70.8	75.2	77.0	78.6	80.0	80.6	81.6	82.2	82.3	82.6	82.7	83.0	83.7
≥ 2500	57.1	66.7	70.1	72.8	77.3	79.2	81.0	82.4	83.0	84.1	84.6	84.7	85.0	85.2	85.5	86.2
≥ 2000	57.8	68.4	71.9	74.7	79.4	81.4	83.2	84.7	85.3	86.4	86.9	87.0	87.4	87.5	87.8	88.5
≥ 800	58.0	68.7	72.2	75.1	79.9	81.9	83.7	85.3	85.9	86.9	87.5	87.6	87.9	88.1	88.4	89.0
≥ 500	58.4	69.5	73.3	76.4	81.3	83.4	85.3	86.9	87.5	88.6	89.1	89.2	89.6	89.7	90.0	90.7
≥ 200	58.6	70.1	73.9	77.2	82.3	84.6	86.6	88.3	88.9	90.0	90.6	90.7	91.1	91.2	91.5	92.2
≥ 1000	58.7	70.4	74.3	77.7	83.1	85.3	87.3	89.1	89.8	91.0	91.6	91.7	92.1	92.2	92.5	93.2
≥ 900	58.7	70.5	74.4	77.9	83.3	85.5	87.6	89.5	90.2	91.4	92.0	92.1	92.5	92.6	92.9	93.6
≥ 800	58.8	70.8	74.8	78.3	83.9	86.1	88.3	90.2	90.9	92.1	92.7	92.8	93.2	93.4	93.7	94.4
≥ 700	58.8	70.8	74.9	78.5	84.1	86.3	88.5	90.5	91.2	92.4	93.1	93.2	93.6	93.7	94.0	94.8
≥ 600	58.8	70.9	75.0	78.6	84.3	86.6	88.8	90.9	91.7	92.9	93.5	93.7	94.1	94.3	94.6	95.3
≥ 500	58.8	71.0	75.2	78.8	84.5	86.9	89.2	91.3	92.0	93.4	94.1	94.3	94.7	94.9	95.2	96.0
≥ 400	58.8	71.0	75.2	78.9	84.7	87.1	89.5	91.7	92.5	94.0	94.8	94.9	95.4	95.6	95.9	96.8
≥ 300	58.8	71.0	75.2	78.9	84.7	87.1	89.6	91.9	92.8	94.3	95.1	95.3	95.8	96.1	96.6	97.6
≥ 200	58.8	71.1	75.2	78.9	84.8	87.2	89.6	91.9	92.8	94.4	95.3	95.4	96.0	96.4	97.1	98.3
≥ 100	58.8	71.1	75.2	78.9	84.8	87.2	89.6	91.9	92.8	94.4	95.3	95.4	96.1	96.5	97.2	99.2
≥ 0	58.8	71.1	75.2	78.9	84.8	87.2	89.6	91.9	92.8	94.4	95.3	95.4	96.1	96.5	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6767

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAX

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0000-0200

US 74 STATUTE MILES

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO CEILING	34.0	44.5	48.4	51.1	55.7	57.2	61.5	62.0	62.4	63.3	63.6	63.6	63.9	64.2	64.3	64.7	
≥ 2000	34.8	45.5	49.5	52.2	56.7	58.2	61.6	63.3	63.8	64.7	65.0	65.0	65.3	65.6	65.7	66.2	
≥ 1500	34.8	45.5	49.5	52.2	56.7	58.2	61.6	63.3	63.8	64.7	65.0	65.0	65.3	65.6	65.7	66.2	
≥ 1000	34.8	45.5	49.5	52.2	56.7	58.2	61.6	63.3	63.8	64.7	65.0	65.0	65.3	65.6	65.7	66.2	
≥ 800	35.5	46.3	50.4	53.1	57.6	59.1	62.4	64.4	64.9	65.8	66.1	66.1	66.4	66.6	66.7	67.3	
≥ 600	36.0	46.8	50.9	53.6	58.2	59.7	63.1	65.0	65.6	66.4	66.7	66.7	67.1	67.3	67.4	67.9	
≥ 400	36.1	46.9	51.1	53.9	58.6	60.1	63.4	65.3	65.9	66.7	67.1	67.1	67.4	67.6	67.7	68.2	
≥ 300	36.4	47.3	51.5	54.3	58.9	60.4	63.7	65.7	66.2	67.1	67.4	67.4	67.7	67.9	68.0	68.6	
≥ 200	36.8	47.7	51.9	54.7	59.3	60.8	64.2	66.4	67.0	67.8	68.1	68.1	68.5	68.7	68.8	69.3	
≥ 150	37.5	48.3	52.5	55.3	60.0	61.5	64.8	67.1	67.6	68.5	68.8	68.8	69.1	69.3	69.4	70.0	
≥ 100	39.1	50.1	54.3	57.1	61.7	63.2	66.5	68.8	69.3	70.2	70.5	70.5	70.8	71.0	71.2	71.7	
≥ 80	39.1	50.7	54.9	57.7	62.3	63.8	67.2	69.4	70.0	70.8	71.2	71.2	71.5	71.7	71.6	72.3	
≥ 60	40.4	53.2	57.6	60.5	65.4	67.0	70.3	72.6	73.1	74.0	74.3	74.3	74.6	74.8	74.9	75.5	
≥ 40	41.7	55.2	59.6	62.5	67.7	69.2	72.6	74.8	75.3	76.2	76.5	76.5	76.9	77.1	77.2	77.7	
≥ 30	42.6	57.1	61.7	64.8	70.2	71.7	75.0	77.3	77.8	78.7	79.0	79.0	79.3	79.5	79.7	80.2	
≥ 20	44.6	61.5	66.2	69.4	74.8	76.3	79.7	81.9	82.5	83.3	83.6	83.6	84.0	84.2	84.4	84.9	
≥ 15	45.2	63.7	68.6	71.9	77.6	79.2	82.6	84.8	85.4	86.2	86.5	86.5	86.9	87.1	87.3	87.8	
≥ 10	45.2	64.4	69.4	72.8	78.5	80.1	83.4	85.7	86.2	87.1	87.4	87.4	87.7	87.9	88.2	88.7	
≥ 8	45.9	65.8	71.2	74.8	81.1	82.7	86.1	88.4	88.9	89.8	90.1	90.1	90.4	90.6	90.9	91.4	
≥ 6	46.1	66.5	72.2	76.2	82.6	84.2	87.6	89.9	90.4	91.3	91.6	91.6	91.9	92.1	92.5	93.0	
≥ 4	46.1	67.4	73.2	77.2	83.5	85.1	88.6	90.9	91.5	92.4	92.7	92.7	93.0	93.2	93.5	94.2	
≥ 3	46.1	67.5	73.4	77.5	83.9	85.5	88.9	91.2	91.8	92.7	93.0	93.0	93.3	93.5	93.9	94.5	
≥ 2	46.1	67.6	73.8	78.1	84.7	86.3	89.8	92.0	92.7	93.5	93.9	93.9	94.2	94.4	94.7	95.4	
≥ 1.5	46.2	67.7	74.0	78.3	84.8	86.7	90.1	92.5	93.1	94.0	94.3	94.3	94.7	94.9	95.3	95.9	
≥ 1	46.2	67.8	74.1	78.4	84.9	86.8	90.4	92.8	93.4	94.3	94.6	94.6	95.0	95.2	95.6	96.6	
≥ .75	46.2	67.8	74.2	78.5	85.1	87.1	91.0	93.5	94.2	95.0	95.4	96.0	96.4	96.7	97.0	97.6	
≥ .5	46.2	67.8	74.3	78.7	85.3	87.4	91.4	94.0	95.0	95.9	96.2	96.9	97.2	97.4	97.6	98.0	
≥ .25	46.2	67.8	74.4	78.8	85.6	87.7	91.6	94.7	95.4	96.2	96.6	97.2	97.7	97.8	98.0	99.1	
≥ .1	46.2	67.8	74.4	78.8	85.6	87.7	91.6	94.7	95.4	96.2	96.6	97.3	97.8	98.1	98.6	99.5	
≥ .0	46.2	67.8	74.4	78.8	85.6	87.6	91.6	94.7	95.4	96.2	96.6	97.3	97.8	98.1	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311- MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY IN STATUTE MILES															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
NO REPORT	33.5	41.6	44.5	46.3	49.7	51.4	53.1	55.0	56.3	57.6	58.8	58.8	59.5	59.5	59.7	61.1
≥ 2000	34.6	42.7	45.6	47.4	50.9	52.7	54.4	57.3	57.6	59.1	60.3	60.3	61.0	61.0	61.2	62.6
≥ 1500	34.6	42.7	45.6	47.4	50.9	52.7	54.4	57.3	57.6	59.1	60.3	60.3	61.0	61.0	61.2	62.6
≥ 1400	34.7	42.9	46.1	48.1	51.5	53.3	55.1	58.0	58.3	59.8	61.0	61.0	61.6	61.6	61.8	63.2
≥ 1300	34.9	43.1	46.3	48.3	51.7	53.5	55.3	58.2	58.5	60.0	61.2	61.2	61.8	61.8	62.0	63.4
≥ 1200	35.3	43.5	46.8	48.7	52.2	54.0	55.7	58.6	58.9	60.4	61.6	61.6	62.3	62.3	62.5	63.9
≥ 1100	35.4	43.7	47.2	49.1	52.6	54.4	56.1	59.0	59.4	60.9	62.0	62.0	62.7	62.7	62.9	64.3
≥ 1000	35.8	44.2	47.7	49.7	53.2	55.2	56.9	59.8	60.1	61.6	62.8	62.8	63.4	63.4	63.7	65.1
≥ 900	36.1	44.6	48.2	50.1	53.7	55.6	57.3	60.5	60.9	62.4	63.5	63.5	64.2	64.2	64.4	65.8
≥ 800	36.5	44.9	48.5	50.4	54.0	55.9	57.6	60.9	61.2	62.7	63.9	63.9	64.5	64.5	64.7	66.1
≥ 700	37.1	45.9	49.5	51.4	54.9	56.9	58.6	61.8	62.2	63.7	64.8	64.8	65.5	65.5	65.7	67.1
≥ 600	37.7	47.1	50.8	52.7	56.2	58.2	59.9	63.1	63.4	64.9	66.1	66.1	66.8	66.8	67.0	68.4
≥ 500	39.2	50.3	54.4	56.5	60.2	62.2	63.9	67.1	67.4	68.9	70.1	70.1	70.8	70.9	71.1	72.5
≥ 400	40.0	51.2	55.5	57.5	61.3	63.2	64.9	68.2	68.5	70.0	71.2	71.2	71.8	71.9	72.2	73.5
≥ 300	41.7	54.2	58.6	61.0	64.8	66.8	68.5	71.7	72.0	73.5	74.7	74.7	75.4	75.5	75.7	77.1
≥ 250	42.9	57.1	61.8	64.6	68.5	70.4	72.2	75.4	75.7	77.2	78.4	78.4	79.0	79.1	79.4	80.8
≥ 200	43.1	58.5	63.3	66.2	70.2	72.3	74.0	77.2	77.5	79.1	80.3	80.3	81.0	81.1	81.4	82.8
≥ 150	43.1	58.7	63.9	66.8	70.8	72.8	74.5	77.8	78.2	79.8	81.0	81.0	81.6	81.7	82.0	83.4
≥ 100	43.7	60.1	65.7	69.0	73.3	75.5	77.2	80.5	80.9	82.5	83.8	83.8	84.4	84.5	84.8	86.2
≥ 1000	43.8	61.0	67.2	70.8	75.2	77.4	79.1	82.5	82.8	84.4	85.7	85.7	86.3	86.5	86.8	88.2
≥ 900	44.0	61.4	68.0	71.8	76.8	79.1	80.9	84.3	84.6	86.2	87.5	87.5	88.2	88.3	88.6	90.0
≥ 800	44.1	61.6	68.2	72.0	77.0	79.5	81.3	84.7	85.1	86.7	88.0	88.0	88.6	88.7	89.0	90.4
≥ 700	44.1	61.6	68.5	72.5	77.4	79.9	81.7	85.2	85.6	87.3	88.7	88.7	89.4	89.5	89.8	91.2
≥ 600	44.1	62.0	68.9	72.9	77.8	80.5	82.6	86.0	86.5	88.4	89.8	89.9	90.5	90.6	91.0	92.4
≥ 500	44.2	62.2	69.0	73.1	78.2	80.9	83.0	86.6	87.0	89.0	90.5	90.8	91.4	91.5	91.8	93.2
≥ 400	44.2	62.3	69.1	73.2	78.3	81.0	83.5	87.6	88.1	90.1	91.7	91.9	92.7	92.8	93.2	94.6
≥ 300	44.2	62.3	69.2	73.4	78.5	81.2	83.8	87.8	88.4	90.4	92.0	92.4	93.3	93.4	93.9	95.3
≥ 200	44.2	62.3	69.2	73.4	78.5	81.2	83.9	88.0	88.5	90.5	92.3	92.6	94.0	94.1	94.9	97.4
≥ 100	44.2	62.3	69.2	73.4	78.5	81.2	83.9	88.0	88.5	90.5	92.3	92.6	94.0	94.1	95.3	96.7
≥ 0	44.2	62.3	69.2	73.4	78.5	81.2	83.9	88.0	88.5	90.5	92.3	92.6	94.0	94.1	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2119 MARCH AFB CA/RIVERSIDE

7-70, 73-76

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
10000	32.4	35.1	37.8	39.1	41.9	43.0	44.5	47.0	48.0	49.7	50.2	50.5	52.0	52.8	53.7	55.3		
9000	33.7	37.4	39.4	40.6	43.3	44.7	45.2	49.1	50.1	51.8	52.5	52.8	54.5	55.3	56.1	57.7		
8000	33.7	37.4	39.4	40.6	43.5	44.7	45.2	49.1	50.1	51.8	52.5	52.8	54.5	55.3	56.1	57.7		
7000	34.0	37.7	39.7	41.0	43.9	45.1	45.5	49.5	50.4	52.2	52.8	53.1	54.8	55.6	56.5	58.1		
6000	34.2	38.0	39.9	41.2	44.1	45.3	45.8	49.8	50.8	52.5	53.1	53.4	55.2	55.9	56.8	58.4		
5000	34.3	38.6	40.5	41.8	44.7	45.9	47.4	50.4	51.4	53.1	53.8	54.1	55.8	56.6	57.4	59.0		
4000	34.8	38.6	40.5	41.8	44.8	46.0	47.5	50.6	51.6	53.3	54.0	54.3	56.0	56.8	57.6	59.4		
3000	34.8	38.6	40.6	41.9	44.9	46.1	47.6	50.8	52.0	53.8	54.4	54.7	56.5	57.2	58.1	59.8		
2000	35.2	39.1	41.3	42.8	45.8	47.1	48.6	51.7	53.0	54.7	55.4	55.7	57.4	58.2	59.0	60.3		
1000	35.4	39.4	41.5	43.0	45.6	47.3	48.8	51.9	53.2	54.9	55.5	55.8	57.6	58.4	59.2	61.0		
800	35.9	39.9	42.0	43.5	46.6	47.8	49.4	52.5	53.8	55.5	56.1	56.5	58.2	58.9	59.9	61.5		
700	36.3	40.4	42.7	44.3	47.3	48.7	50.3	53.4	54.7	56.5	57.1	57.4	59.1	59.9	60.8	62.5		
600	36.8	41.1	43.3	44.9	48.0	49.5	51.1	54.3	55.7	57.4	58.1	58.4	60.1	60.9	61.7	63.4		
500	38.2	42.3	45.5	47.1	50.3	51.9	53.7	57.1	58.5	60.3	61.0	61.3	63.0	63.8	64.6	66.3		
400	39.0	44.5	47.1	48.8	52.7	54.3	56.0	59.6	61.0	62.8	63.4	63.8	65.5	66.2	67.1	68.8		
300	40.1	46.6	49.4	51.5	55.8	57.5	59.4	62.9	64.4	66.2	66.9	67.2	68.9	69.7	70.5	72.3		
250	41.6	48.8	52.2	55.2	59.8	61.7	63.5	67.1	68.6	70.4	71.1	71.4	73.1	73.9	74.7	76.5		
200	42.3	50.0	53.7	57.0	61.8	64.0	65.8	69.5	71.0	72.9	73.5	73.7	75.5	76.3	77.2	78.9		
150	42.3	50.1	54.3	57.6	62.7	64.8	66.8	70.4	71.9	73.9	74.5	74.8	76.7	77.4	78.3	80.0		
100	43.0	51.4	55.9	59.4	64.6	66.9	69.1	72.9	74.5	76.7	77.5	77.8	79.7	80.5	81.4	83.1		
75	43.1	52.2	56.8	60.6	66.3	68.9	71.5	75.3	76.9	79.0	79.9	80.2	82.0	82.9	83.8	85.5		
50	43.7	52.8	57.7	61.7	67.6	70.4	73.0	77.0	78.6	80.8	81.6	81.7	83.8	84.6	85.5	87.2		
25	43.8	52.9	58.0	61.9	68.0	71.1	73.8	78.0	79.6	81.7	82.9	83.2	85.1	85.9	86.8	88.5		
10	44.0	53.5	58.9	63.0	69.1	72.3	74.9	79.1	80.8	82.9	84.2	84.5	86.3	87.2	88.1	89.8		
5	44.0	53.5	59.0	63.1	69.4	72.6	75.4	79.6	81.2	83.3	84.6	84.9	86.8	87.6	88.5	90.2		
0	44.0	53.5	59.0	63.2	69.5	72.8	75.7	80.1	81.7	83.9	85.2	85.6	87.4	88.3	89.1	90.9		
900	44.1	53.9	59.4	63.5	70.2	73.9	76.8	81.5	83.2	85.5	86.8	87.2	89.2	90.1	91.0	92.7		
800	44.1	53.9	59.5	63.7	70.5	74.3	77.2	81.9	83.8	86.1	87.4	87.8	90.0	91.0	91.9	93.7		
700	44.1	53.9	59.5	63.7	70.5	74.4	77.3	82.0	83.9	86.5	87.7	88.2	90.5	91.5	93.1	95.2		
600	44.1	53.9	59.5	63.7	70.5	74.4	77.3	82.0	83.9	86.6	88.0	88.6	91.2	92.4	94.2	97.4		
500	44.1	53.9	59.5	63.7	70.5	74.4	77.3	82.0	83.9	86.7	88.1	88.7	91.3	92.5	94.3	98.5		
400	44.1	53.9	59.5	63.7	70.5	74.4	77.3	82.0	83.9	86.7	88.1	88.7	91.3	92.5	94.3	100.0		

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23117 MARCH 198 CA/RIVERSIDE

7-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

NO. OF OBS.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
≥ 2000	41.6	45.7	47.7	49.6	53.4	55.2	55.7	56.7	56.9	57.1	57.6	57.6	57.6	57.6	57.6	57.6	58.0			
≥ 1800	43.3	47.8	50.2	52.2	56.5	58.3	58.8	59.9	60.2	60.4	61.0	61.0	61.1	61.2	61.2	61.2	61.5			
≥ 1600	43.3	47.8	50.2	52.2	56.5	58.3	58.8	59.9	60.2	60.5	60.9	61.4	61.4	61.5	61.6	61.6	61.9			
≥ 1400	44.2	48.8	51.3	53.4	57.8	59.8	61.4	61.5	61.8	62.2	62.7	62.7	62.8	62.9	62.9	63.2				
≥ 1200	44.5	49.1	51.6	53.8	58.2	60.1	60.8	61.8	62.2	62.5	63.0	63.0	63.1	63.2	63.2	63.5				
≥ 1000	45.3	50.0	52.5	54.5	59.0	61.0	61.0	62.7	63.0	63.3	63.9	63.9	64.0	64.1	64.1	64.4				
≥ 900	45.4	50.1	52.6	54.7	59.2	61.3	62.0	63.1	63.4	63.8	64.3	64.3	64.4	64.5	64.5	64.8				
≥ 800	45.6	50.3	52.9	55.1	59.6	61.6	62.4	63.4	63.8	64.1	64.6	64.6	64.7	64.8	64.8	65.2				
≥ 700	45.6	50.3	52.9	55.1	59.6	61.6	62.4	63.4	63.8	64.1	64.6	64.6	64.7	64.8	64.8	65.2				
≥ 600	46.5	51.4	54.0	56.1	60.6	62.7	63.4	64.5	64.8	65.2	65.7	65.7	65.8	65.9	65.9	66.7				
≥ 500	46.9	51.8	54.5	56.7	61.2	63.2	64.0	65.1	65.4	65.7	66.2	66.2	66.3	66.5	66.5	66.8				
≥ 450	47.1	52.2	54.9	57.2	61.8	64.0	64.7	65.8	66.1	66.5	67.0	67.0	67.1	67.2	67.2	67.5				
≥ 400	49.2	54.8	57.6	59.9	64.6	66.8	67.5	68.7	69.0	69.4	69.9	69.9	70.0	70.1	70.1	70.6				
≥ 350	51.1	57.1	59.9	62.4	67.1	69.2	70.0	71.2	71.5	71.8	72.4	72.4	72.5	72.6	72.6	72.9				
≥ 300	54.1	61.2	64.3	67.0	72.2	74.4	75.3	76.5	76.8	77.1	77.6	77.6	77.7	77.8	77.8	78.2				
≥ 250	56.6	64.5	68.0	70.5	75.9	78.3	79.1	80.3	80.6	81.0	81.5	81.5	81.6	81.7	81.7	82.0				
≥ 200	58.1	67.0	70.8	73.9	79.4	81.7	82.6	83.8	84.1	84.4	84.9	84.9	85.1	85.2	85.2	85.5				
≥ 180	58.3	67.7	71.5	74.5	80.1	82.6	83.4	84.6	84.9	85.3	85.8	85.8	85.9	86.0	86.0	86.3				
≥ 160	59.8	70.0	74.1	77.5	83.2	85.9	86.9	88.1	88.5	88.8	89.4	89.4	89.5	89.6	89.6	89.9				
≥ 140	60.6	71.3	75.6	79.5	85.6	88.4	89.7	90.9	91.4	91.7	92.3	92.3	92.4	92.5	92.5	92.8				
≥ 120	60.6	71.7	76.2	80.3	86.7	89.7	91.0	92.3	92.8	93.2	93.8	93.8	93.9	94.0	94.0	94.3				
≥ 100	60.8	71.9	76.5	80.5	87.2	90.3	91.7	93.1	93.7	94.1	94.6	94.6	94.7	94.8	94.8	95.2				
≥ 80	61.4	72.6	77.1	81.6	88.5	91.6	93.1	94.6	95.2	95.6	96.1	96.1	96.2	96.3	96.3	96.7				
≥ 70	61.4	72.6	77.2	81.7	88.6	91.7	93.2	94.8	95.4	96.0	96.6	96.6	96.7	96.8	96.8	97.1				
≥ 60	61.4	72.7	77.4	82.0	88.9	92.5	94.0	95.7	96.5	97.1	97.7	97.7	97.8	98.0	98.0	98.3				
≥ 50	61.4	72.7	77.4	82.2	89.1	92.8	94.3	96.0	96.9	97.5	98.2	98.2	98.3	98.4	98.4	98.7				
≥ 40	61.4	72.7	77.4	82.2	89.1	92.8	94.3	96.0	97.0	98.2	98.8	98.8	98.9	99.0	99.1	99.5				
≥ 30	61.4	72.7	77.4	82.2	89.1	92.8	94.3	96.0	97.0	98.2	98.9	99.0	99.1	99.2	99.2	99.7				
≥ 20	61.4	72.7	77.4	82.2	89.1	92.8	94.3	96.0	97.0	98.2	98.9	99.0	99.1	99.6	99.6	100.0				
≥ 10	61.4	72.7	77.4	82.2	89.1	92.8	94.3	96.0	97.0	98.2	98.9	99.0	99.1	99.6	99.6	100.0				
≥ 0	61.4	72.7	77.4	82.2	89.1	92.8	94.3	96.0	97.0	98.2	98.9	99.0	99.1	99.6	99.6	100.0				

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USA ETAC  
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23113 MARCH AFB CA/RIVER JIDE

7-70, 73-76

HAS

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
> 500	43.7	44.7	52.0	53.9	56.2	57.5	58.5	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
500	45.7	51.5	54.7	57.3	59.7	61.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
400	45.7	51.5	55.1	57.1	59.9	61.6	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
300	45.7	51.7	55.4	57.4	60.2	61.9	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
200	47.1	53.1	56.8	58.9	61.7	63.5	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
100	48.0	54.0	57.6	59.8	62.0	63.4	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
> 800	49.1	55.2	58.8	61.0	63.8	65.7	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
800	49.7	55.7	59.5	61.5	63.5	66.5	67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
700	50.2	56.7	60.1	62.3	65.2	67.1	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
600	50.4	56.5	60.3	62.5	65.4	67.3	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
500	50.9	56.9	60.8	62.9	65.8	67.7	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
400	52.3	58.5	62.6	64.7	67.6	69.6	71.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
300	52.5	59.1	63.2	65.4	68.3	70.2	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
200	55.4	62.4	66.5	68.5	71.6	73.5	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
100	57.6	65.1	69.1	71.7	74.7	76.7	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
> 800	61.5	70.5	74.5	77.8	81.1	83.1	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
800	64.3	74.7	79.5	82.5	85.7	87.8	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
700	66.1	77.0	82.0	85.3	88.9	91.3	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
600	66.3	77.2	82.3	85.5	89.2	91.7	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
500	67.2	78.7	83.7	87.1	91.1	93.7	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
400	67.6	79.4	84.5	87.7	92.2	95.2	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
300	67.8	79.6	84.8	88.2	93.1	96.3	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	67.8	79.6	85.1	88.4	93.3	97.0	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	68.0	79.7	85.2	88.5	93.4	97.1	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
> 800	68.0	79.7	85.2	88.5	93.4	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
> 800	68.0	79.7	85.2	88.6	93.5	97.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23113 MARCH APR 04/RIVERSIDE

7-70, 73-78

M

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
NO CEILING	38.1	44.8	47.5	50.1	57.0	59.0	59.6	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 2000	39.9	47.3	50.3	52.9	60.1	62.2	62.9	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1800	40.1	47.5	50.6	53.2	60.5	62.7	63.4	64.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1600	40.2	47.6	50.9	53.7	61.0	63.1	63.9	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 1400	41.4	48.9	52.2	55.1	62.5	64.7	65.6	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1200	42.8	50.4	53.8	56.7	64.2	66.5	67.3	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1000	43.5	51.7	54.5	57.4	64.9	67.2	68.1	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 800	44.0	51.6	54.9	57.8	65.4	67.6	68.5	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 600	44.7	52.4	55.8	58.7	66.5	68.7	69.6	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 400	45.1	52.8	55.2	59.1	66.9	69.1	70.0	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 200	46.1	53.9	57.4	60.4	68.3	70.5	71.4	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 100	47.7	56.0	59.6	62.7	71.1	73.3	74.2	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 500	47.7	56.0	59.6	62.7	71.1	73.3	74.2	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 400	50.3	58.7	62.3	65.4	73.8	76.0	77.0	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	53.1	62.3	66.1	69.7	78.1	80.3	81.3	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	56.9	66.6	70.8	74.6	83.0	85.4	86.6	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	58.9	69.0	73.3	77.4	86.3	89.0	90.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	62.5	71.0	75.3	79.6	88.6	91.5	92.7	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	61.0	71.4	75.7	80.0	89.0	91.9	93.1	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	62.3	73.1	77.5	82.0	91.6	94.5	95.9	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	62.7	73.7	78.3	83.0	92.6	95.6	97.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	63.0	74.2	78.7	83.4	93.1	96.1	97.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.0	74.4	78.8	83.5	93.2	96.2	97.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-73, 73-78

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	34	38	42	46	50	54	58	62	66	70	74	78	80
NO WEATHER	37.1	45.6	50.6	55.4	61.4	62.9	64.3	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	38.8	47.5	52.6	57.4	63.9	65.4	67.4	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	38.8	47.6	52.8	57.6	64.2	65.7	67.7	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 5000	38.8	47.7	52.9	57.8	64.4	65.9	68.0	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000	40.1	49.1	54.3	59.2	65.9	67.4	69.5	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	40.5	49.7	54.8	59.9	66.6	68.1	70.1	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2000	40.9	50.0	55.2	60.2	66.9	68.5	70.5	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1000	41.2	50.4	55.6	60.6	67.2	68.9	71.0	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	41.9	51.3	56.5	61.5	68.2	69.8	71.8	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	42.6	51.9	57.1	62.2	68.8	70.4	72.5	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	44.3	53.8	58.9	64.1	70.8	72.4	74.4	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	45.8	55.5	60.8	65.9	72.9	74.5	76.6	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	46.0	55.9	61.2	66.3	73.3	74.9	77.0	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	47.7	58.5	63.9	69.2	76.3	78.0	80.1	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000	48.9	61.3	66.9	72.3	79.5	81.1	83.2	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	51.2	64.6	70.3	75.7	82.9	84.5	86.7	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	52.9	67.5	73.7	79.2	86.6	88.2	90.3	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	54.4	70.0	76.2	82.6	90.2	91.9	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	54.4	70.2	76.5	82.9	90.5	92.4	94.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	55.2	71.8	78.2	84.7	92.5	94.3	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	55.3	72.5	78.9	85.5	93.2	95.2	97.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	55.6	73.0	79.5	86.0	93.8	95.7	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	55.6	73.0	79.5	86.2	94.0	95.9	98.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	55.6	73.0	79.5	86.2	94.0	95.9	98.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 8000	55.7	73.1	79.6	86.3	94.1	96.0	98.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7000	55.7	73.2	79.7	86.5	94.2	96.1	98.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.7	73.2	79.7	86.6	94.3	96.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23113 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAF

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.25	≥ 0.1	≥ 0	
NO CEILING	36.2	48.0	52.4	56.6	62.4	63.9	65.4	65.9	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000	37.5	49.5	54.0	58.2	64.2	65.7	67.4	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1800	37.5	49.5	54.0	58.2	64.2	65.7	67.4	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1600	37.5	49.5	54.0	58.2	64.2	65.7	67.4	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1400	38.0	49.9	54.5	58.7	64.7	66.2	68.0	68.5	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1200	38.2	50.1	54.7	58.9	64.9	66.5	68.3	69.0	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1000	38.4	50.3	54.9	59.1	65.2	66.7	68.5	69.2	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 900	38.5	50.5	55.2	59.4	65.4	66.9	68.7	69.5	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 800	39.1	51.2	55.8	60.0	66.0	67.5	69.4	70.1	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 700	39.2	51.3	55.9	60.1	66.2	67.7	69.7	70.4	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 600	40.0	52.2	56.8	61.0	67.1	68.6	70.5	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 500	41.9	54.3	58.9	63.1	69.2	70.8	72.7	73.4	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 400	42.4	55.2	59.8	64.0	70.1	71.6	73.5	74.3	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 350	44.2	58.3	63.0	67.3	74.0	75.5	77.4	78.2	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 300	45.5	61.1	65.9	70.3	77.0	78.5	80.4	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 250	46.9	63.4	68.5	73.0	79.8	81.4	83.3	84.1	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 200	48.7	68.9	74.6	79.8	86.9	88.5	90.4	91.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	49.1	69.6	75.3	80.4	87.5	89.1	91.1	91.8	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	49.6	70.9	76.8	82.5	90.1	91.7	93.7	94.4	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	50.0	71.8	78.1	84.0	91.6	93.5	95.5	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	50.2	72.4	78.8	84.7	92.5	94.4	96.3	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	50.2	72.4	78.8	84.8	92.6	94.5	96.6	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	50.2	72.5	79.2	85.3	93.0	94.9	97.0	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	50.3	72.6	79.4	85.4	93.1	95.1	97.1	98.2	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	50.3	72.7	79.5	85.5	93.2	95.2	97.2	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	50.3	72.9	79.8	85.8	93.5	95.5	97.5	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	50.3	72.9	79.8	85.8	93.5	95.6	97.6	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	50.3	72.9	79.8	85.8	93.5	95.6	97.6	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	50.3	72.9	79.8	85.8	93.7	95.8	97.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	50.3	72.9	79.8	85.8	93.7	95.8	97.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	50.3	72.9	79.8	85.8	93.7	95.8	97.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70,73-76

MAP

PERCENTAGE FREQUENCY OF OCCURENCE  
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING feet	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	37.1	44.4	47.6	50.3	54.7	56.3	57.7	58.9	59.3	59.9	60.2	60.2	60.5	60.7	60.8	61.3
≥ 20000	38.5	46.2	49.6	52.2	56.9	58.5	60.1	61.4	61.8	62.4	62.8	62.8	63.2	63.3	63.4	63.9
IV 18000	38.6	46.2	49.6	52.3	57.1	58.7	60.3	61.7	62.1	62.7	63.0	63.1	63.4	63.6	63.7	64.2
IV 16000	38.6	46.3	49.8	52.5	57.3	58.9	60.5	61.9	62.3	62.9	63.2	63.3	63.6	63.8	63.9	64.4
IV 14000	39.3	47.0	50.5	53.4	58.1	59.8	61.5	62.9	63.3	63.9	64.3	64.3	64.7	64.8	64.9	65.4
IV 12000	39.9	47.7	51.2	54.0	58.8	60.5	62.2	63.6	64.1	64.7	65.0	65.0	65.4	65.5	65.7	66.2
IV 10000	40.4	48.2	51.8	54.6	59.4	61.1	62.8	64.3	64.7	65.3	65.6	65.7	66.0	66.2	66.3	66.8
IV 9000	40.6	48.4	52.1	54.9	59.7	61.5	63.1	64.6	65.1	65.7	66.1	66.1	66.5	66.6	66.7	67.2
IV 8000	41.1	49.0	52.7	55.5	60.4	62.2	63.8	65.3	65.8	66.4	66.8	66.8	67.2	67.3	67.4	67.9
IV 7000	41.4	49.3	53.0	55.8	60.7	62.5	64.2	65.8	66.2	66.9	67.2	67.2	67.6	67.7	67.9	68.4
IV 6000	42.2	50.2	53.9	56.7	61.6	63.4	65.1	66.7	67.1	67.8	68.1	68.1	68.5	68.6	68.8	69.3
IV 5000	43.4	51.6	55.3	58.2	63.2	65.0	66.7	68.3	68.8	69.4	69.7	69.8	70.1	70.3	70.4	70.9
IV 4500	43.7	52.2	56.0	58.9	63.9	65.7	67.4	69.0	69.5	70.1	70.4	70.5	70.8	71.0	71.1	71.6
IV 4000	45.6	54.9	58.8	61.8	67.0	68.9	70.6	72.2	72.7	73.4	73.7	73.7	74.1	74.2	74.4	74.9
IV 3500	47.1	57.2	61.3	64.4	69.8	71.6	73.3	75.0	75.5	76.1	76.4	76.5	76.8	77.0	77.1	77.6
IV 3000	49.4	60.5	64.8	68.2	73.7	75.6	77.4	79.1	79.6	80.2	80.5	80.6	80.9	81.1	81.2	81.7
IV 2500	51.2	63.7	68.3	71.9	77.6	79.6	81.4	83.0	83.5	84.2	84.5	84.5	84.9	85.1	85.2	85.7
IV 2000	52.3	65.8	70.6	74.5	80.5	82.6	84.4	86.0	86.5	87.2	87.5	87.6	87.9	88.1	88.3	88.7
IV 1800	52.5	66.2	71.1	75.1	81.0	83.2	85.0	86.7	87.2	87.9	88.2	88.3	88.6	88.8	89.0	89.4
IV 1500	53.3	67.7	72.9	77.1	83.2	85.6	87.6	89.4	89.5	90.6	91.0	91.0	91.4	91.5	91.7	92.2
IV 1200	53.6	68.6	73.9	78.4	84.9	87.3	89.4	91.1	91.7	92.4	92.7	92.8	93.1	93.3	93.5	94.0
IV 1000	53.9	69.1	74.6	79.2	85.9	88.4	90.5	92.3	92.8	93.5	93.9	94.0	94.3	94.5	94.7	95.2
IV 900	53.9	69.2	74.8	79.4	86.1	88.7	90.9	92.8	93.3	94.0	94.5	94.5	94.5	95.0	95.2	95.7
IV 800	54.0	69.4	75.1	79.8	86.7	89.3	91.5	93.3	93.9	94.6	95.1	95.1	95.5	95.7	95.8	96.4
IV 700	54.1	69.4	75.2	79.9	86.8	89.4	91.6	93.5	94.1	94.9	95.3	95.3	95.9	96.2	96.4	97.1
IV 600	54.1	69.5	75.3	80.1	86.9	89.7	91.9	93.9	94.5	95.3	95.8	95.9	96.2	96.4	96.6	97.1
IV 500	54.1	69.6	75.4	80.2	87.2	90.0	92.3	94.3	94.9	95.8	96.2	96.7	96.9	97.4	97.5	98.3
IV 400	54.1	69.6	75.5	80.3	87.3	90.1	92.4	94.6	95.3	96.2	96.7	96.9	97.4	97.5	97.7	98.3
IV 300	54.1	69.6	75.5	80.3	87.3	90.2	92.5	94.7	95.4	96.3	96.8	97.0	97.6	97.7	98.1	98.6
IV 200	54.1	69.6	75.5	80.3	87.3	90.2	92.6	94.7	95.4	96.4	96.9	97.2	97.8	98.0	98.4	99.3
IV 100	54.1	69.6	75.5	80.3	87.3	90.2	92.6	94.7	95.4	96.4	96.9	97.2	97.8	98.0	98.5	99.6
IV 0	54.1	69.6	75.5	80.3	87.3	90.2	92.6	94.7	95.4	96.4	96.9	97.2	97.8	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-70

APL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0	
NO CEILING	39.1	52.2	55.0	58.4	61.9	63.0	65.2	65.3	65.8	66.3	66.7	66.7	66.7	66.8	67.0	67.4
≥ 20000	39.3	52.6	56.1	58.8	62.2	63.3	65.6	66.1	66.1	66.7	67.0	67.0	67.0	67.1	67.3	67.8
≥ 18000	39.3	52.6	56.1	58.8	62.2	63.3	65.6	66.1	66.1	66.7	67.0	67.0	67.0	67.1	67.3	67.8
≥ 16000	39.3	52.6	56.1	58.8	62.2	63.3	65.6	66.1	66.1	66.7	67.0	67.0	67.0	67.1	67.3	67.8
≥ 14000	39.3	52.8	56.3	59.0	62.4	63.6	65.8	66.3	66.3	66.9	67.2	67.2	67.2	67.3	67.6	68.0
≥ 12000	39.3	52.8	56.4	59.1	62.6	63.7	65.9	66.4	66.4	67.0	67.3	67.3	67.3	67.6	67.8	68.2
≥ 10000	39.4	53.0	56.8	59.0	63.0	64.1	66.3	66.9	66.9	67.4	67.8	67.8	67.8	68.0	68.2	68.7
≥ 9000	39.4	53.1	56.9	59.7	63.1	64.2	66.4	67.0	67.0	67.6	67.9	67.9	67.9	68.1	68.3	68.8
≥ 8000	40.1	54.1	57.9	60.7	64.1	65.2	67.4	68.0	68.0	68.6	68.9	68.9	68.9	69.1	69.3	69.8
≥ 7000	40.1	54.4	58.2	61.0	64.4	65.6	67.8	68.3	68.3	68.9	69.2	69.2	69.2	69.4	69.7	70.1
≥ 6000	40.1	54.6	58.3	61.1	64.6	65.7	67.9	68.4	68.4	69.0	69.3	69.3	69.3	69.6	69.8	70.2
≥ 5000	40.6	55.3	59.1	61.9	65.3	66.4	68.7	69.2	69.2	69.8	70.1	70.1	70.1	70.3	70.6	71.0
≥ 4500	41.1	56.0	59.9	62.7	66.2	67.3	69.6	70.1	70.1	70.7	71.0	71.0	71.0	71.2	71.4	71.9
≥ 4000	42.9	58.4	62.4	65.6	69.3	70.4	72.7	73.2	73.2	73.8	74.1	74.1	74.1	74.3	74.6	75.0
≥ 3500	44.7	60.3	64.4	67.6	71.3	72.4	74.7	75.2	75.4	76.0	76.3	76.3	76.3	76.6	76.8	77.2
≥ 3000	46.1	63.1	67.7	70.8	74.6	75.7	77.9	78.4	78.7	79.2	79.6	79.6	79.6	79.8	80.0	80.4
≥ 2500	48.3	66.2	70.8	73.9	77.7	78.8	81.0	81.6	81.8	82.3	82.7	82.7	82.7	82.9	83.1	83.6
≥ 2000	49.0	68.0	72.9	76.4	80.7	81.3	84.0	84.6	84.8	85.3	85.7	85.7	85.7	85.9	86.1	86.6
≥ 1800	49.2	68.6	73.6	77.1	81.3	82.4	84.7	85.2	85.4	86.0	86.3	86.3	86.3	86.6	86.8	87.2
≥ 1500	49.8	69.9	75.3	79.2	83.4	84.9	87.2	87.8	88.1	88.9	89.2	89.2	89.2	89.4	89.7	90.1
≥ 1200	49.9	70.0	75.9	79.9	84.2	85.8	88.6	89.1	89.4	90.2	90.6	90.6	90.6	90.8	91.0	91.4
≥ 1000	49.9	70.2	76.1	80.1	84.7	86.4	89.2	89.8	90.1	90.9	91.2	91.2	91.2	91.4	91.7	92.1
≥ 900	49.9	70.7	76.5	80.7	85.3	87.2	90.1	90.7	91.0	91.8	92.1	92.1	92.1	92.3	92.6	93.0
≥ 800	49.9	71.1	77.4	81.6	86.3	88.3	91.2	91.8	92.1	92.9	93.2	93.2	93.2	93.4	93.7	94.1
≥ 700	49.9	71.4	77.8	81.9	86.7	88.7	91.6	92.1	92.4	93.2	93.6	93.6	93.6	93.8	94.0	94.4
≥ 600	49.9	71.6	78.0	82.4	87.4	89.8	92.7	93.2	93.6	94.3	94.7	94.7	94.7	94.9	95.1	95.6
≥ 500	49.9	71.6	78.0	82.4	87.6	90.0	92.4	94.1	94.4	95.2	95.6	95.6	95.6	95.8	96.0	96.4
≥ 400	49.9	71.6	78.1	82.6	87.7	90.3	93.9	94.6	94.9	96.0	96.3	96.3	96.3	96.6	96.8	97.2
≥ 300	49.9	71.6	78.1	82.6	87.7	90.3	93.9	94.6	94.9	96.0	96.3	96.3	96.3	96.6	96.8	97.2
≥ 200	4...	71.6	78.1	82.6	87.7	90.3	93.9	94.8	95.1	96.3	96.7	96.8	97.1	97.3	97.9	98.9
≥ 100	49.9	71.6	78.1	82.6	87.7	90.3	94.0	94.9	95.4	96.8	97.2	97.3	97.7	97.9	98.4	99.6
≥ 0	49.9	71.6	78.1	82.6	87.7	90.3	94.0	94.9	95.4	96.8	97.2	97.3	97.7	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23114 MARCH AFB CA/RIVERSIDE

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	32.7	41.2	43.8	46.3	50.7	52.3	54.1	55.3	56.2	56.7	57.0	57.1	57.4	57.7	58.1	59.8
≥ 2000	32.8	41.6	44.1	46.7	51.1	52.8	54.6	55.8	56.7	57.1	57.4	57.6	57.9	58.1	58.6	60.2
≥ 1800	32.8	41.6	44.1	46.7	51.1	52.8	54.6	55.8	56.7	57.1	57.4	57.6	57.9	58.1	58.6	60.2
≥ 1600	32.8	41.6	44.1	46.7	51.2	52.9	54.7	56.0	56.9	57.3	57.7	57.8	58.1	58.3	58.8	60.4
≥ 1400	32.8	41.6	44.1	46.7	51.2	53.0	54.8	56.1	57.0	57.4	57.8	57.9	58.2	59.4	58.9	60.6
≥ 1200	32.9	41.8	44.3	46.9	51.4	53.2	55.0	56.3	57.2	57.7	58.0	58.1	58.4	58.7	59.1	60.8
≥ 1000	32.9	41.8	44.3	46.9	51.4	53.2	55.0	56.3	57.2	57.7	58.0	58.1	58.4	58.7	59.1	60.8
≥ 800	33.2	42.3	45.0	47.6	52.1	53.9	55.7	57.0	57.9	58.3	58.7	58.8	59.1	59.3	59.8	61.4
≥ 600	33.3	42.4	45.2	47.8	52.3	54.1	55.9	57.2	58.1	58.6	58.9	59.0	59.3	59.6	60.0	61.7
≥ 500	33.6	42.7	45.4	48.0	52.6	54.3	56.1	57.4	58.3	58.8	59.1	59.2	59.6	59.8	60.2	61.9
≥ 400	33.7	42.9	45.7	48.2	52.8	54.6	56.3	57.7	58.6	59.0	59.3	59.4	59.8	60.0	60.6	62.2
≥ 300	34.1	43.3	46.1	48.7	53.2	55.0	56.8	58.1	59.0	59.4	59.8	59.9	60.2	60.4	61.0	62.7
≥ 200	35.3	45.2	48.0	50.8	55.3	57.1	58.9	60.2	61.1	61.6	61.9	62.0	62.3	62.6	63.1	64.8
≥ 150	37.1	47.9	50.7	53.4	58.0	59.8	61.6	62.9	63.8	64.2	64.6	64.7	65.0	65.2	65.8	67.4
≥ 100	38.6	51.1	53.9	56.8	61.6	63.3	65.1	66.4	67.3	67.8	68.1	68.2	68.6	68.8	69.3	71.0
≥ 75	40.2	54.1	57.1	60.0	65.1	66.9	68.7	70.0	70.9	71.3	71.7	71.8	72.1	72.3	72.9	74.6
≥ 50	41.0	56.8	60.2	63.2	68.6	70.3	72.2	73.6	74.4	74.9	75.2	75.3	75.7	75.9	76.4	78.1
≥ 25	41.0	57.2	60.8	63.9	69.2	71.1	73.1	74.4	75.3	75.8	76.1	76.2	76.6	76.8	77.3	79.0
≥ 15	41.6	58.8	62.9	66.2	71.8	74.2	76.2	77.6	78.6	79.0	79.3	79.4	79.8	80.0	80.6	82.2
≥ 10	41.6	60.0	64.6	68.3	74.3	76.9	79.3	81.0	82.4	82.9	83.2	83.3	83.7	83.9	84.4	86.1
≥ 7	41.6	60.1	65.0	68.9	75.1	77.8	80.2	81.9	83.3	83.8	84.1	84.2	84.6	84.8	85.4	87.2
≥ 5	41.7	60.7	65.7	69.7	75.9	78.7	81.2	82.9	84.3	84.8	85.1	85.2	85.6	85.8	86.4	88.2
≥ 3	41.8	61.4	66.6	70.8	77.1	79.9	82.6	84.2	85.7	86.1	86.4	86.6	86.9	87.1	87.8	89.6
≥ 2	42.2	61.9	67.0	71.4	78.0	80.8	83.6	85.4	86.9	87.4	87.8	87.9	88.2	88.4	89.1	90.9
≥ 1	42.2	61.9	67.3	71.8	78.6	81.3	84.1	86.1	87.6	88.1	88.4	88.6	88.9	89.1	89.8	91.6
≥ 0	42.2	61.9	67.3	71.9	78.9	81.9	85.4	87.4	89.0	89.6	89.9	90.0	90.4	90.7	91.4	93.2
≥ 0	42.2	61.9	67.3	71.9	79.1	82.2	86.0	88.2	89.8	90.3	90.7	90.8	91.2	91.4	92.2	94.0
≥ 0	42.2	61.9	67.3	71.9	79.2	82.4	86.3	88.8	90.3	90.9	91.3	91.4	92.0	92.3	93.4	95.7
≥ 0	42.2	61.9	67.3	71.9	79.2	82.4	86.3	88.9	90.4	91.0	91.6	91.7	92.2	92.7	94.2	98.1
≥ 0	42.2	61.9	67.3	71.9	79.2	82.4	86.4	89.0	90.6	91.1	91.7	91.8	92.3	92.8	94.4	99.6
≥ 0	42.2	61.9	67.3	71.9	79.2	82.4	86.4	89.0	90.6	91.1	91.7	91.8	92.3	92.8	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7311 MARCH APP CA/RIVERSIDE

7-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS.

0600-0800

CEILING FEET	VISIBILITY STATISTICS															
	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120
NO REPORT	32.8	37.7	39.0	41.4	45.9	47.7	49.0	50.6	51.6	52.4	53.1	53.2	53.8	54.2	55.0	57.2
≥ 7000	34.0	39.3	40.7	43.1	47.8	49.6	50.9	52.4	53.4	54.4	55.1	55.2	55.8	56.2	57.0	59.2
≥ 6000	34.1	39.4	40.8	43.2	47.9	49.7	51.0	52.6	53.6	54.6	55.2	55.3	55.9	56.3	57.1	59.3
≥ 5000	34.1	39.4	40.8	43.2	47.9	49.7	51.0	52.6	53.6	54.6	55.2	55.3	55.9	56.3	57.1	59.3
≥ 4000	34.1	39.4	40.8	43.2	48.2	50.0	51.3	52.9	53.9	54.9	55.6	55.7	56.2	56.7	57.4	59.7
≥ 3000	34.1	39.6	40.9	43.3	49.3	50.1	51.4	53.0	54.0	55.0	55.7	55.8	56.3	56.8	57.6	59.8
≥ 2000	34.8	40.3	41.7	44.1	49.2	51.0	52.3	54.1	55.1	56.1	56.9	57.0	57.7	58.1	58.9	61.1
≥ 1000	35.1	40.7	42.0	44.4	49.7	51.4	52.8	54.6	55.6	56.6	57.3	57.4	58.1	58.6	59.3	61.6
≥ 8000	35.3	40.9	42.2	44.7	50.0	51.8	53.2	55.0	56.0	57.0	57.8	57.9	58.6	59.0	59.8	62.0
≥ 7000	35.7	41.2	42.6	45.0	50.3	52.1	53.6	55.3	56.3	57.3	58.1	58.2	58.9	59.3	60.1	62.3
≥ 6000	36.2	41.9	43.2	45.7	51.0	52.8	54.2	56.0	57.0	58.0	58.3	58.9	59.6	60.0	60.8	63.0
≥ 5000	36.9	43.0	44.4	46.9	52.2	54.0	55.4	57.2	58.2	59.2	60.0	60.1	60.8	61.2	62.0	64.2
≥ 4500	37.4	43.6	45.0	47.4	52.8	54.7	56.1	57.9	58.9	59.9	60.7	60.8	61.4	61.9	62.7	64.9
≥ 4000	38.8	45.1	46.7	49.1	54.6	56.4	58.0	59.8	60.8	61.8	62.6	62.7	63.4	63.9	64.7	66.9
≥ 3500	40.8	47.7	49.3	51.8	57.2	59.3	60.9	62.7	63.7	64.7	65.4	65.6	66.3	66.8	67.6	69.8
≥ 3000	42.4	50.8	52.6	55.1	60.7	62.9	64.8	66.8	67.8	68.8	69.6	69.7	70.4	70.9	71.8	74.0
≥ 2500	44.3	53.7	55.7	58.4	64.3	66.6	68.4	70.4	71.4	72.4	73.2	73.3	74.1	74.6	75.4	77.7
≥ 2000	45.4	55.9	58.1	61.1	67.1	69.4	71.4	73.6	74.6	75.6	76.3	76.4	77.2	77.7	78.6	80.8
≥ 1800	45.7	56.2	58.7	61.9	68.2	70.6	72.7	74.8	75.8	76.8	77.6	77.7	78.4	78.9	79.8	82.0
≥ 1500	46.1	57.8	60.3	63.9	70.2	72.7	75.0	77.1	78.4	79.7	80.6	80.7	81.4	81.9	82.8	85.0
≥ 1200	46.4	59.2	62.0	65.8	72.6	75.2	77.6	79.8	81.2	82.6	83.4	83.6	84.3	84.8	85.7	87.9
≥ 1000	46.6	59.4	62.2	66.1	73.3	76.0	78.3	80.7	82.1	83.4	84.3	84.7	85.4	85.9	86.8	89.1
≥ 900	46.6	59.6	62.3	66.2	73.4	76.1	78.4	80.8	82.3	83.7	84.5	85.0	85.8	86.2	87.2	89.6
≥ 800	46.9	60.0	63.0	67.0	74.4	77.2	79.7	82.2	83.9	85.2	86.1	86.6	87.3	87.8	88.8	91.1
≥ 700	46.9	60.0	63.2	67.4	75.0	78.0	80.6	83.1	84.8	86.1	87.1	87.6	88.4	88.9	89.9	92.2
≥ 600	46.9	60.0	63.2	67.4	75.4	78.4	81.6	84.1	85.8	87.2	88.2	88.7	89.6	90.0	91.0	93.3
≥ 500	46.9	60.0	63.2	67.4	75.7	79.1	82.4	85.2	87.0	88.4	89.4	89.9	90.9	91.6	92.6	95.0
≥ 400	46.9	60.1	63.3	67.6	75.8	79.2	82.6	85.7	87.6	89.1	90.2	90.7	91.7	92.3	93.3	95.8
≥ 300	46.9	60.1	63.3	67.6	75.8	79.2	82.6	85.7	87.7	89.6	90.7	91.1	92.1	93.0	94.7	97.3
≥ 200	46.9	60.1	63.3	67.6	75.8	79.2	82.7	85.8	87.8	89.7	90.8	91.2	92.2	93.1	95.0	98.8
≥ 100	46.9	60.1	63.3	67.6	75.8	79.2	82.7	85.8	87.8	89.7	90.8	91.2	92.2	93.2	95.2	99.8
≥ 0	46.9	60.1	63.3	67.6	75.8	79.2	82.7	85.8	87.8	89.7	90.8	91.2	92.2	93.2	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

AP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
NO CEILING	45.1	52.1	54.0	56.4	58.7	59.8	60.7	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6
20000	47.1	54.6	56.7	59.2	61.6	62.7	63.6	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
2000	47.1	54.6	56.7	59.2	61.6	62.7	63.6	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
1500	47.1	54.6	56.7	59.2	61.6	62.7	63.6	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
1000	47.2	54.8	57.0	59.6	61.9	63.0	63.9	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
700	47.2	54.7	57.1	59.7	62.1	63.1	64.0	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
500	47.7	55.6	57.8	60.3	62.7	63.8	64.7	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6
300	48.0	55.9	58.1	60.7	63.0	64.1	65.0	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
200	48.4	56.3	58.6	61.1	63.4	64.6	65.4	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
150	48.7	56.6	58.8	61.3	63.7	64.8	65.7	66.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6
100	49.0	56.9	59.1	61.7	64.0	65.1	66.0	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
75	49.6	57.4	59.7	62.2	64.6	65.7	66.6	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
50	49.8	57.7	59.9	62.4	64.8	65.9	66.8	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
25	52.6	61.0	63.4	66.1	68.4	69.6	70.4	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
15	58.2	66.8	69.4	72.1	74.4	75.6	76.4	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
10	62.8	72.1	75.1	78.2	80.7	81.8	82.7	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6
7 1/2	65.7	76.1	79.2	82.4	85.0	86.2	87.1	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
5 1/2	67.7	79.2	82.3	86.1	88.9	90.2	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
4 1/2	67.9	79.6	82.7	86.6	89.3	90.7	91.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
4	69.0	81.2	84.4	88.6	92.3	93.9	95.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
3 1/2	69.2	81.4	84.7	89.3	93.3	94.9	96.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
3 1/4	69.2	81.7	85.0	89.7	93.7	95.2	96.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
3 1/2	69.2	81.7	85.0	89.7	93.7	95.3	96.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
3 1/4	69.2	81.7	85.0	89.7	93.9	95.6	96.9	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
3 1/4	69.2	81.7	85.0	89.7	94.1	95.8	97.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
3 1/4	69.3	81.8	85.2	89.9	94.4	96.3	97.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
3 1/4	69.3	81.8	85.2	90.0	94.6	96.6	97.9	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
3 1/4	69.3	81.8	85.2	90.0	94.6	96.6	97.9	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
3 1/4	69.3	81.8	85.2	90.0	94.6	96.6	97.9	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
3 1/4	69.3	81.8	85.2	90.0	94.6	96.6	97.9	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
3 1/4	69.3	81.8	85.2	90.0	94.6	96.6	97.9	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23112 MARCH AFB CA/RIVERSIDE

7-76, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS.

1200-1400

CEILING	≥ 0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400
≥ 2000	45.4	51.4	54.0	58.0	61.1	62.5	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	47.4	53.8	57.0	61.1	64.0	65.6	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1600	47.6	53.9	57.1	61.2	64.1	65.7	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1400	47.6	54.0	57.2	61.4	64.3	65.9	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1200	47.6	54.0	57.2	61.6	64.6	66.1	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1000	48.4	54.9	58.1	62.4	65.4	67.0	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 900	48.6	55.1	58.3	62.7	65.7	67.2	69.3	71.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 800	48.8	55.3	58.6	62.9	65.9	67.4	69.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 700	49.4	56.0	59.2	63.6	66.6	68.1	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 600	49.9	56.4	59.8	64.1	67.1	68.7	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	50.6	57.1	60.4	64.8	67.8	69.3	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 450	51.7	58.2	61.6	65.9	68.9	70.4	71.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 400	55.9	63.7	67.3	71.8	75.0	76.6	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 350	60.6	69.3	73.3	77.9	81.2	82.9	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	64.6	74.9	79.1	84.3	88.2	89.8	91.9	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 250	67.2	78.1	82.6	88.2	92.2	93.9	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	67.8	78.9	83.4	89.1	93.2	95.0	97.2	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	67.9	79.0	83.6	89.2	93.6	95.4	97.7	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1600	68.0	79.2	83.8	89.4	93.8	95.7	97.9	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1400	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.4	79.7	84.4	90.1	94.6	96.4	98.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110 MARCH AFB CA/RIVERSIDE

7-70, 73-78

APL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	STATUTE MILES															
	20	20	25	24	20	20	20	20	20	20	20	20	20	20	20	20
≥ 1000	42.6	52.0	58.0	61.3	65.4	68.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 900	44.6	55.0	60.1	63.4	67.9	70.9	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 800	44.6	55.0	60.1	63.4	67.9	70.9	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 700	44.6	55.1	60.3	63.8	68.2	71.2	72.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 600	44.9	55.4	60.7	64.4	68.9	71.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 500	45.0	55.6	60.9	64.9	69.9	72.7	74.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 400	45.7	56.3	61.7	65.7	70.3	73.4	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 300	46.0	56.7	62.0	66.0	70.7	73.8	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 200	46.9	57.6	62.9	66.9	71.0	74.7	75.7	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 100	47.1	57.8	63.1	67.1	71.0	74.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 50	48.1	58.8	64.2	68.2	72.9	75.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 20	49.1	59.9	65.3	69.3	74.0	77.1	78.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10	50.8	62.0	67.6	71.6	76.2	79.3	81.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5	53.2	65.0	70.7	74.7	79.3	82.4	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3	55.8	68.1	73.9	78.2	83.1	86.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2	58.1	71.0	78.8	83.3	88.4	91.6	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1	61.7	76.1	81.9	86.6	91.8	95.2	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 0	62.7	77.4	83.2	88.0	93.0	97.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0.5	62.7	77.4	83.2	88.0	93.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0.4	62.7	77.4	83.2	88.0	93.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0.3	62.9	77.7	83.4	88.2	93.0	97.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0.2	63.0	77.8	83.6	88.3	93.9	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.1	63.0	77.8	83.6	88.3	93.9	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.05	63.1	77.9	83.8	88.6	94.1	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.04	63.1	77.9	83.8	88.6	94.1	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.03	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.02	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.01	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.005	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.004	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.003	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.002	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.001	63.1	77.9	83.8	88.6	94.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 000

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

AP3

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1500-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	25	24	23	22	22	21	21	20	20	19	19	18	18	20
NO REPORTS	47.3	62.1	65.2	67.7	70.4	71.7	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	48.9	63.7	66.9	69.6	72.4	73.7	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000	48.9	63.7	66.9	69.6	72.6	73.8	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	48.9	63.7	66.9	69.6	72.7	73.9	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	48.9	63.8	67.1	69.9	73.1	74.3	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	48.9	64.1	67.7	70.9	74.1	75.3	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 15000	49.1	65.1	68.7	71.9	75.2	76.6	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000	49.4	65.4	69.0	72.2	75.6	76.9	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	47.9	65.9	69.4	72.7	76.0	77.3	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	50.0	66.0	69.6	72.8	76.2	77.6	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	50.0	66.3	69.9	73.1	76.6	77.9	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 5000	50.8	67.4	71.0	74.2	77.7	79.0	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	52.2	69.1	72.7	75.9	79.5	80.9	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	55.9	73.2	76.9	80.2	84.0	85.3	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	58.1	76.8	80.4	83.7	87.7	89.0	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	60.4	79.4	83.2	86.7	90.4	91.8	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	62.0	81.9	85.7	89.1	93.0	94.3	95.3	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	63.2	83.8	87.9	91.6	95.4	96.8	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	63.2	83.8	88.0	91.7	95.6	96.9	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	63.4	84.0	88.3	92.6	96.7	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	63.4	84.1	88.4	92.7	96.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	63.4	84.1	88.4	92.7	96.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	63.4	84.1	88.4	92.7	96.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	63.4	84.1	88.4	92.7	96.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	63.4	84.1	88.4	92.7	96.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	63.4	84.2	88.6	92.8	96.9	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

APP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO OBS.	46.9	60.9	64.0	67.1	67.6	70.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥2500	47.4	61.4	64.6	67.9	70.6	71.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥2000	47.4	61.4	64.6	67.9	70.6	71.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥1500	47.4	61.4	64.6	67.9	70.6	71.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥1000	47.7	61.7	64.3	68.1	70.8	71.6	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥700	47.7	61.7	65.0	68.3	71.1	71.9	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥500	47.7	61.7	65.0	68.3	71.2	72.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥300	47.9	62.0	65.3	68.7	71.6	72.3	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥200	48.4	62.7	66.1	69.4	72.3	73.1	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥100	48.8	63.3	66.8	70.1	72.0	73.8	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥75	49.6	64.2	67.7	71.0	73.9	74.7	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥50	50.2	65.4	68.9	72.2	75.1	75.9	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥45	51.0	66.2	70.0	73.3	76.2	77.0	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥40	53.3	69.0	72.9	76.2	79.1	79.9	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥35	55.8	72.9	76.8	80.1	83.1	83.9	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥30	57.7	75.4	79.3	82.7	85.7	86.4	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥25	59.3	78.8	82.7	86.0	89.1	89.9	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥20	60.0	80.6	84.8	88.1	91.2	92.0	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥18	60.2	80.8	85.0	88.3	91.7	92.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥15	60.3	81.1	85.6	89.3	93.0	93.9	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥12	60.8	81.6	86.0	90.0	93.7	94.6	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥10	60.8	81.7	86.1	90.4	94.1	95.0	96.7	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥9	61.1	82.1	86.7	91.0	94.8	95.8	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥8	61.1	82.1	86.8	91.1	94.9	95.9	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥7	61.1	82.4	87.1	91.4	95.2	96.2	97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥6	61.1	82.6	87.3	91.7	95.6	96.6	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥5	61.1	82.7	87.4	91.8	95.7	96.7	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥4	61.1	82.7	87.4	91.8	95.7	96.7	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥3	61.1	82.7	87.4	92.0	95.9	96.9	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥2	61.1	82.7	87.4	92.0	95.9	96.9	98.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥1	61.1	82.7	87.4	92.0	95.9	96.9	98.6	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥0	61.1	82.7	87.4	92.0	95.9	96.9	98.6	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110

MARCH AFB CA/RIVERSIDE

7-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	24	24	28	28	32	32	36	36	40	40	44	44	48	48
NO CEILING	41.5	51.3	54.3	57.2	60.5	62.0	62.4	64.2	64.5	64.7	64.9	64.9	65.0	65.1	65.3	65.8
≥ 25000	42.7	52.7	55.8	58.7	62.2	63.7	64.2	66.0	66.2	66.5	66.6	66.7	66.8	66.9	67.1	67.6
≥ 18000	42.7	52.8	55.8	58.8	62.2	63.8	64.2	66.0	66.3	66.5	66.7	66.7	66.8	66.9	67.1	67.6
≥ 15000	42.7	52.8	55.8	58.8	62.3	63.8	64.3	66.1	66.3	66.6	66.7	66.8	66.9	67.0	67.2	67.7
≥ 4000	42.8	52.9	56.0	59.0	62.6	64.1	64.6	66.4	66.6	66.9	67.1	67.1	67.2	67.3	67.5	68.0
≥ 2000	42.8	53.0	56.2	59.3	62.9	64.5	64.9	66.7	67.0	67.2	67.4	67.4	67.6	67.7	67.8	68.4
≥ 9000	43.2	53.6	56.8	59.9	63.6	65.1	65.6	67.4	67.7	67.9	68.1	68.1	68.3	68.4	68.6	69.1
≥ 8000	43.4	53.8	57.0	60.2	63.8	65.4	65.8	67.7	67.9	68.2	68.4	68.4	68.5	68.6	68.8	69.4
≥ 3000	43.9	54.4	57.6	60.7	64.4	66.0	67.5	68.3	68.5	68.8	69.0	69.0	69.1	69.3	69.4	70.0
≥ 2000	44.1	54.7	57.9	61.1	64.8	66.4	67.8	68.7	68.9	69.2	69.2	69.4	69.5	69.6	69.8	70.3
≥ 6000	44.6	55.2	58.5	61.6	65.3	66.9	68.3	69.2	69.4	69.7	69.9	69.9	70.0	70.1	70.3	70.9
≥ 5000	45.2	56.1	59.3	62.5	66.2	67.8	69.2	70.0	70.3	70.5	70.7	70.8	70.9	71.0	71.2	71.7
≥ 4500	46.0	57.0	60.3	63.5	67.2	68.8	70.3	71.1	71.4	71.6	71.8	71.8	72.0	72.1	72.3	72.8
≥ 4000	48.5	60.1	63.5	66.8	70.6	72.2	73.7	74.5	74.8	75.0	75.2	75.2	75.4	75.5	75.7	76.2
≥ 3500	51.4	63.7	67.3	70.6	74.5	76.1	77.6	78.4	78.7	79.0	79.2	79.2	79.3	79.4	79.6	80.2
≥ 3000	53.9	67.5	71.2	74.7	78.8	80.4	81.9	82.8	83.1	83.3	83.5	83.6	83.7	83.8	84.0	84.6
≥ 2500	56.1	70.6	74.4	78.1	82.3	84.0	85.5	86.4	86.7	87.0	87.2	87.2	87.3	87.4	87.7	88.2
≥ 2000	57.1	72.6	76.6	80.5	84.8	86.6	88.2	89.1	89.4	89.7	89.9	89.9	90.1	90.2	90.4	90.9
≥ 1800	57.2	72.8	76.9	80.8	85.3	87.1	88.8	89.8	90.1	90.3	90.5	90.6	90.7	90.8	91.0	91.6
≥ 1500	57.6	73.7	78.0	82.2	86.8	88.8	90.6	91.5	91.9	92.3	92.5	92.5	92.6	92.8	93.0	93.5
≥ 1200	57.8	74.2	78.7	83.0	87.9	89.9	91.8	92.8	93.3	93.7	93.9	93.9	94.0	94.1	94.3	94.9
≥ 1000	57.9	74.3	78.9	83.3	88.2	90.3	92.2	93.3	93.8	94.1	94.3	94.4	94.5	94.6	94.8	95.4
≥ 900	57.9	74.5	79.1	83.5	88.5	90.7	92.6	93.7	94.2	94.5	94.7	94.8	94.9	95.0	95.3	95.8
≥ 800	56.0	74.8	79.4	83.9	89.0	91.2	93.1	94.2	94.7	95.1	95.3	95.4	95.5	95.6	95.9	96.4
≥ 700	58.0	74.9	79.6	84.2	89.3	91.5	93.5	94.6	95.1	95.5	95.7	95.8	95.9	96.0	96.3	96.8
≥ 600	58.1	74.9	79.7	84.3	89.6	91.9	93.9	95.1	95.6	96.0	96.2	96.3	96.4	96.5	96.8	97.3
≥ 500	58.1	75.0	79.8	84.4	89.8	92.1	94.1	95.3	95.8	96.1	96.5	96.7	96.8	97.0	97.1	97.4
≥ 400	58.1	75.0	79.8	84.4	89.8	92.2	94.2	95.4	95.8	96.3	96.7	97.1	97.1	97.3	97.4	97.8
≥ 300	58.1	75.0	79.8	84.4	89.8	92.3	94.3	95.5	95.9	96.4	97.0	97.2	97.3	97.5	97.7	98.1
≥ 200	58.1	75.0	79.8	84.4	89.8	92.3	94.3	95.5	95.9	96.4	97.0	97.2	97.3	97.5	97.7	98.1
≥ 100	58.1	75.0	79.8	84.4	89.8	92.3	94.3	95.5	95.9	96.4	97.0	97.2	97.3	97.5	97.7	98.1
≥ 0	58.1	75.0	79.8	84.4	89.8	92.3	94.3	95.5	95.9	96.4	97.0	97.2	97.3	97.5	97.7	98.1

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-76

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4
NO CEILING	22.5	37.4	42.4	47.4	53.4	54.0	57.4	58.1	58.4	58.8	58.9	59.0	59.3	59.7	59.7	59.8
≥ 2000	22.9	37.9	42.8	47.8	53.8	55.3	57.8	58.6	58.9	59.2	59.3	59.4	59.7	60.2	60.2	60.3
≥ 1800	22.9	37.7	42.8	47.8	53.8	55.3	57.8	58.6	58.9	59.2	59.3	59.4	59.7	60.2	60.2	60.3
≥ 1600	22.9	37.8	42.8	47.8	53.8	55.3	57.8	58.6	58.9	59.2	59.3	59.4	59.7	60.2	60.2	60.3
≥ 1400	22.9	37.8	42.8	47.8	53.8	55.3	57.8	58.6	58.9	59.2	59.3	59.4	59.7	60.2	60.2	60.3
≥ 1200	22.9	37.8	42.8	47.8	53.8	55.3	57.8	58.6	58.9	59.2	59.3	59.4	59.7	60.2	60.2	60.3
≥ 1000	22.9	37.9	42.9	48.0	54.0	55.5	58.0	58.8	59.1	59.5	59.6	59.7	60.2	60.6	60.6	60.7
≥ 800	23.1	38.0	43.1	48.1	54.1	55.7	58.1	58.9	59.2	59.6	59.7	59.8	60.3	60.7	60.7	60.8
≥ 600	23.1	38.0	43.1	48.1	54.1	55.7	58.1	58.9	59.2	59.6	59.7	59.8	60.3	60.7	60.7	60.8
≥ 400	23.1	38.1	43.2	48.2	54.3	55.8	58.2	59.0	59.3	59.7	59.8	60.0	60.4	60.8	60.8	60.9
≥ 200	23.1	38.2	43.3	48.3	54.4	55.9	58.3	59.1	59.4	59.8	60.0	60.1	60.5	60.7	60.9	61.0
≥ 100	23.4	38.4	43.5	48.5	54.6	56.1	58.6	59.3	59.6	60.1	60.2	60.3	60.7	61.1	61.1	61.2
≥ 50	23.4	38.4	43.5	48.5	54.6	56.1	58.6	59.3	59.6	60.1	60.2	60.3	60.7	61.1	61.1	61.2
≥ 20	24.1	39.2	44.2	49.3	55.3	56.8	59.2	60.1	60.4	60.8	60.9	61.1	61.5	61.9	61.9	62.0
≥ 10	24.7	40.3	45.3	50.4	56.4	57.9	60.4	61.1	61.5	61.9	62.0	62.1	62.5	63.0	63.0	63.1
≥ 5	25.4	41.6	46.6	51.7	57.7	59.2	61.7	62.4	62.8	63.2	63.3	63.4	63.8	64.3	64.3	64.4
≥ 3	27.0	43.2	49.0	54.1	60.2	61.7	64.2	64.9	65.2	65.7	65.8	65.9	66.3	66.7	66.7	66.8
≥ 2	26.0	46.2	52.1	57.4	63.5	65.1	67.6	68.4	68.7	69.1	69.2	69.3	69.8	70.2	70.2	70.3
≥ 1 1/2	28.4	47.5	53.3	59.0	65.4	67.1	69.3	70.3	70.6	71.0	71.2	71.3	71.7	72.1	72.1	72.2
≥ 1	28.8	48.8	55.0	61.4	67.9	69.5	72.0	72.8	73.1	73.5	73.6	73.7	74.2	74.5	74.6	74.7
≥ 3/4	29.4	51.2	57.0	64.8	72.1	73.7	76.6	77.5	78.0	78.5	78.6	78.7	79.1	79.5	79.5	79.7
≥ 1/2	29.4	52.1	58.9	66.7	74.8	76.0	79.5	80.4	80.9	81.5	81.6	81.7	82.1	82.6	82.6	82.7
≥ 1/4	29.5	53.1	60.3	69.3	78.1	80.0	83.0	84.2	84.7	85.3	85.4	85.5	85.9	86.3	86.3	86.4
≥ 1/8	29.5	53.1	60.5	69.6	78.0	80.9	84.3	85.6	86.1	86.7	86.8	86.9	87.3	87.7	87.7	87.8
≥ 1/16	29.5	53.3	60.7	70.0	79.7	81.3	85.5	86.9	87.4	87.9	88.2	88.3	88.7	89.1	89.1	89.2
≥ 1/32	29.5	53.4	60.8	70.2	80.1	82.2	86.5	88.2	88.7	89.5	89.7	89.8	90.2	90.6	90.6	90.7
≥ 1/64	29.5	53.4	60.8	70.5	80.4	82.6	87.1	89.0	89.7	90.5	91.0	91.1	91.5	91.9	92.0	92.1
≥ 1/128	29.5	53.4	60.8	70.6	80.6	83.0	87.7	90.0	91.0	92.9	93.2	93.3	93.8	94.2	94.5	94.6
≥ 1/256	29.5	53.4	60.9	70.7	80.7	83.2	87.9	90.5	91.5	93.9	94.6	94.9	95.8	96.2	96.7	96.9
≥ 1/512	29.5	53.4	60.9	70.7	80.8	83.3	88.2	90.9	91.8	94.5	95.7	96.0	97.1	97.5	98.3	99.0
≥ 1/1024	29.5	53.4	60.9	70.7	80.8	83.3	88.2	90.9	91.9	94.6	95.9	96.2	97.3	97.8	98.7	100.0
≥ 1/2048	29.5	53.4	60.9	70.7	80.8	83.3	88.2	90.9	91.9	94.6	95.9	96.2	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

23119  
STATION

MARCH AFB CA/RIVERSIDE

67-70, 73-78

MAY  
MONTH

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	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	19.8	28.5	32.4	34.2	39.1	40.6	43.2	46.1	46.9	48.3	49.2	49.5	50.1	50.4	50.9	51.3
≥ 20000	19.8	28.5	32.4	34.2	39.1	40.6	43.2	46.2	47.0	48.4	49.4	49.6	50.2	50.5	51.0	51.4
≥ 18000	19.8	28.5	32.4	34.2	39.1	40.6	43.2	46.2	47.0	48.4	49.4	49.6	50.2	50.5	51.0	51.4
≥ 16000	19.8	28.5	32.4	34.2	39.1	40.6	43.2	46.2	47.0	48.4	49.4	49.6	50.2	50.5	51.0	51.4
≥ 14000	19.8	28.5	32.4	34.2	39.1	40.6	43.2	46.2	47.0	48.4	49.4	49.6	50.2	50.5	51.0	51.4
≥ 12000	19.8	28.5	32.4	34.2	39.1	40.6	43.2	46.2	47.0	48.4	49.4	49.6	50.2	50.5	51.0	51.4
≥ 10000	19.8	28.6	32.5	34.3	39.2	40.8	43.4	46.5	47.2	48.6	49.6	49.8	50.4	50.8	51.2	51.7
≥ 9000	19.8	28.6	32.5	34.3	39.2	40.8	43.4	46.5	47.2	48.6	49.6	49.8	50.4	50.8	51.2	51.7
≥ 8000	19.8	28.6	32.5	34.3	39.2	40.8	43.4	46.5	47.2	48.6	49.6	49.8	50.4	50.8	51.2	51.7
≥ 7000	19.8	28.6	32.5	34.3	39.2	40.8	43.4	46.5	47.2	48.6	49.6	49.8	50.4	50.8	51.2	51.7
≥ 6000	19.8	28.6	32.5	34.3	39.2	40.8	43.4	46.5	47.2	48.6	49.6	49.8	50.4	50.8	51.2	51.7
≥ 5000	20.0	28.9	32.8	34.6	39.6	41.1	43.8	46.8	47.5	48.9	49.9	50.1	50.8	51.1	51.5	52.0
≥ 4500	20.0	29.0	32.9	34.7	39.7	41.2	43.9	46.9	47.6	49.0	50.0	50.2	50.9	51.2	51.6	52.2
≥ 4000	20.3	29.6	33.8	35.7	40.8	42.4	45.1	48.1	48.8	50.2	51.2	51.4	52.0	52.4	52.8	53.3
≥ 3500	20.5	29.8	34.0	35.9	41.0	42.6	45.3	48.3	49.0	50.4	51.4	51.6	52.3	52.6	53.0	53.5
≥ 3000	20.9	30.9	35.1	37.0	42.0	43.7	46.3	49.4	50.1	51.5	52.5	52.7	53.3	53.7	54.1	54.6
≥ 2500	22.5	33.1	37.6	39.6	44.7	46.3	49.0	52.0	52.8	54.2	55.2	55.4	56.0	56.3	56.8	57.3
≥ 2000	23.9	35.3	40.5	42.8	48.2	50.0	52.7	55.7	56.5	57.8	58.8	59.0	59.7	60.0	60.4	61.0
≥ 1800	24.2	36.5	41.7	44.0	49.4	51.3	54.0	57.0	57.7	59.1	60.1	60.3	61.0	61.3	61.7	62.3
≥ 1500	24.9	38.2	44.0	47.1	52.8	54.7	57.5	60.5	61.4	62.8	63.8	64.0	64.6	64.9	65.4	65.9
≥ 1200	25.3	40.1	46.2	50.0	56.3	58.3	61.6	64.8	65.7	67.1	68.1	68.3	68.9	69.2	69.7	70.2
≥ 1000	25.4	41.2	47.3	51.3	58.4	60.5	64.3	67.5	68.4	69.8	70.9	71.1	71.7	72.0	72.5	73.0
≥ 900	25.5	42.0	48.5	53.3	61.2	63.5	67.6	71.2	72.0	73.4	74.6	74.8	75.5	75.8	76.2	76.8
≥ 800	25.5	42.4	49.1	54.3	62.5	65.2	70.0	73.8	74.6	76.0	77.2	77.4	78.1	78.4	78.8	79.4
≥ 700	25.5	42.4	49.2	54.9	63.5	66.6	71.7	75.8	76.7	78.1	79.2	79.5	80.1	80.4	80.9	81.4
≥ 600	25.5	42.5	49.6	55.4	64.3	67.3	73.1	77.5	78.4	80.1	81.3	81.5	82.2	82.5	82.9	83.4
≥ 500	25.5	42.5	49.7	55.5	64.6	67.8	74.2	79.4	80.3	82.3	83.4	83.7	84.3	84.7	85.5	86.0
≥ 400	25.5	42.6	49.8	55.7	65.2	68.6	75.4	81.1	82.4	85.4	86.8	87.0	87.7	88.3	89.6	90.2
≥ 300	25.5	42.6	49.8	55.7	65.2	68.7	75.6	81.6	82.9	86.2	88.3	88.5	89.5	90.1	91.7	92.7
≥ 200	25.5	42.6	49.8	55.7	65.2	68.7	75.7	81.7	83.0	86.3	88.7	89.1	90.6	91.7	93.8	96.3
≥ 100	25.5	42.6	49.8	55.7	65.2	68.7	75.7	81.7	83.0	86.3	88.7	89.1	91.0	92.3	94.7	99.6
≥ 0	25.5	42.6	49.8	55.7	65.2	68.7	75.7	81.7	83.0	86.3	88.7	89.1	91.0	92.3	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0600-0800

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	20.0	25.2	27.8	31.1	35.1	37.8	39.9	42.4	44.2	46.0	46.7	47.0	47.2	47.4	48.2	49.0
≥ 20000	20.2	25.5	28.3	31.5	35.6	38.4	40.4	43.0	44.8	46.7	47.3	47.6	47.8	48.1	48.8	49.7
IV 18000	20.3	25.6	28.4	31.6	35.7	38.5	40.5	43.1	44.9	46.8	47.4	47.7	48.0	48.2	48.9	49.8
≥ 5000	20.3	25.6	28.4	31.6	35.7	38.5	40.5	43.1	44.9	46.8	47.4	47.7	48.0	48.2	48.9	49.8
IV 14300	20.5	25.8	28.6	31.8	36.0	38.8	40.9	43.4	45.3	47.1	47.7	48.1	48.3	48.5	49.2	50.1
≥ 12500	20.5	25.8	28.6	31.9	36.1	38.9	41.0	43.5	45.4	47.2	47.8	48.2	48.4	48.6	49.4	50.2
IV 10000	20.5	25.8	28.6	31.9	36.1	39.1	41.2	43.8	45.6	47.4	48.1	48.4	48.6	48.8	49.6	50.4
≥ 9000	20.5	25.8	28.6	31.9	36.1	39.1	41.2	43.8	45.6	47.4	48.1	48.4	48.6	48.8	49.6	50.4
IV 8000	20.5	25.8	28.6	32.2	36.5	39.5	41.5	44.2	46.0	47.8	48.5	48.8	49.0	49.2	50.0	50.9
≥ 7000	20.6	26.0	28.6	32.4	36.7	39.7	41.7	44.4	46.2	48.1	48.7	49.0	49.2	49.5	50.2	51.1
IV 6000	20.8	26.1	28.9	32.5	36.8	39.8	41.8	44.5	46.3	48.2	48.8	49.1	49.4	49.6	50.3	51.2
≥ 5000	20.9	26.2	29.0	32.6	36.9	39.9	41.9	44.6	46.5	48.3	48.9	49.2	49.5	49.7	50.4	51.3
IV 4500	21.1	26.5	29.2	32.8	37.1	40.1	42.2	44.8	46.7	48.5	49.1	49.5	49.7	49.9	50.6	51.5
≥ 4000	21.9	27.4	30.2	34.0	38.4	41.4	43.4	46.2	48.1	49.9	50.5	50.9	51.1	51.3	52.0	52.9
IV 3500	23.4	28.9	31.7	35.5	39.9	42.9	44.9	47.7	49.6	51.4	52.0	52.4	52.6	52.8	53.5	54.4
≥ 3000	24.6	30.2	33.2	37.0	41.5	44.5	46.6	49.4	51.2	53.0	53.7	54.0	54.2	54.4	55.2	56.0
IV 2500	25.9	31.9	35.1	39.0	43.9	46.9	48.9	51.7	53.5	55.4	56.0	56.3	56.6	56.8	57.5	58.4
≥ 2000	27.7	34.7	38.3	42.9	48.3	51.7	53.9	56.8	58.6	60.4	61.1	61.4	61.6	61.8	62.6	63.5
IV 1800	28.0	35.5	39.1	43.9	50.0	53.4	55.7	58.6	60.5	62.4	63.0	63.3	63.5	63.8	64.5	65.4
≥ 500	29.0	37.7	41.8	46.8	53.3	57.2	59.7	62.0	64.9	66.8	67.4	67.7	68.0	68.2	68.9	69.8
IV 1200	29.6	38.8	43.7	49.2	57.8	62.3	65.2	68.7	70.6	72.6	73.2	73.5	73.8	74.0	74.7	75.6
≥ 1000	29.8	39.2	44.3	50.2	59.0	64.0	67.0	70.8	72.7	74.8	75.5	75.8	76.0	76.2	77.1	78.0
IV 900	29.9	39.4	44.4	50.4	60.0	65.3	68.4	72.4	74.3	76.7	77.3	77.6	77.8	78.1	78.9	79.8
≥ 500	29.9	39.6	44.7	50.8	60.9	66.5	69.8	74.2	76.1	78.8	79.6	79.9	80.1	80.3	81.3	82.2
IV 700	29.9	39.7	44.8	50.9	61.3	67.1	70.4	75.1	77.0	79.7	80.4	80.8	81.0	81.2	82.2	83.0
≥ 600	30.0	39.8	44.9	51.1	61.5	67.6	71.2	76.1	78.6	81.3	82.0	82.4	82.6	82.8	83.8	84.6
IV 500	30.0	39.8	44.9	51.2	61.8	68.2	72.2	77.5	80.8	83.9	84.9	85.5	85.9	86.2	87.2	88.2
≥ 400	30.0	39.8	44.9	51.2	61.8	68.3	72.6	78.3	81.6	86.0	87.3	88.1	88.7	89.1	90.1	91.2
IV 300	30.0	39.8	44.9	51.2	61.8	68.3	72.6	78.4	81.9	86.6	88.5	89.8	91.2	91.8	93.1	94.4
≥ 200	30.0	39.8	44.9	51.2	61.8	68.3	72.6	78.4	81.9	86.7	88.7	90.2	92.5	93.5	95.1	97.8
IV 100	30.0	39.8	44.9	51.2	61.8	68.3	72.6	78.4	82.0	86.8	88.8	90.4	92.9	94.5	96.1	99.5
≥ 0	30.0	39.8	44.9	51.2	61.8	68.3	72.6	78.4	82.0	86.8	88.8	90.4	92.9	94.5	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0	
NO CEILING	30.3	39.5	44.6	49.8	58.7	63.0	65.1	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 25000	31.5	40.6	45.8	51.1	60.1	64.4	66.6	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV ≥ 15000	31.5	40.6	45.8	51.1	60.1	64.4	66.6	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV ≥ 10000	31.5	40.6	45.8	51.1	60.1	64.4	66.6	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV ≥ 7500	31.7	41.0	46.1	51.4	60.9	65.2	67.3	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV ≥ 5000	31.8	41.1	46.2	51.5	61.0	65.3	67.4	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV ≥ 3000	32.2	41.4	46.7	51.9	61.5	65.9	68.1	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV ≥ 2000	32.3	41.7	47.0	52.3	61.8	66.2	68.4	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV ≥ 1500	32.4	41.8	47.1	52.4	61.9	66.3	68.5	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV ≥ 1000	32.9	42.4	47.6	52.9	62.5	66.9	69.0	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV ≥ 750	34.9	44.6	50.1	55.4	64.9	69.4	71.5	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV ≥ 500	37.0	47.0	52.5	57.7	67.4	71.8	74.0	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV ≥ 300	39.5	49.9	55.6	61.1	71.3	75.7	77.8	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV ≥ 2500	40.8	51.9	58.1	64.2	75.1	79.5	81.6	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV ≥ 2000	42.0	54.0	60.6	67.3	78.8	83.5	85.8	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV ≥ 1800	42.6	54.7	61.9	68.9	80.6	85.6	87.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV ≥ 1500	43.3	55.8	63.4	71.3	84.2	89.7	92.0	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV ≥ 1400	43.5	56.1	64.2	72.3	85.8	91.6	94.3	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV ≥ 1000	43.7	56.2	64.3	72.5	86.0	91.8	94.8	95.4	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV ≥ 900	43.7	56.2	64.3	72.5	86.0	92.2	95.2	95.8	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV ≥ 800	43.7	56.2	64.3	72.5	86.1	92.5	95.5	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV ≥ 700	43.7	56.2	64.3	72.5	86.2	92.7	95.7	96.9	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 600	43.7	56.2	64.3	72.5	86.3	92.8	95.8	97.1	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV ≥ 500	43.7	56.2	64.3	72.5	86.3	92.8	95.8	97.3	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 400	43.7	56.2	64.3	72.5	86.3	92.8	95.9	97.4	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9
IV ≥ 300	43.7	56.2	64.3	72.5	86.3	92.8	95.9	97.4	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9
IV ≥ 200	43.7	56.2	64.3	72.5	86.3	92.8	95.9	97.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	43.7	56.2	64.3	72.5	86.3	92.8	95.9	97.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	43.7	56.2	64.3	72.5	86.3	92.8	95.9	97.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23117 MARCH AFB CA/RIVERSIDE

67-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	27.5	38.6	44.3	50.5	63.9	71.5	75.1	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	28.6	40.0	45.8	52.3	65.8	73.8	77.3	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 18000	28.8	40.2	46.0	52.5	66.0	74.0	77.5	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 15000	28.8	40.3	46.1	52.6	66.1	74.1	77.6	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 1400	29.1	40.8	46.6	53.0	66.6	74.5	76.1	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 1200	29.5	41.1	46.9	53.3	66.9	75.2	76.7	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 1000	29.6	41.2	47.0	53.4	67.1	75.4	76.9	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 900	29.7	41.3	47.1	53.5	67.2	75.5	75.0	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 800	29.7	41.4	47.2	53.7	67.3	75.6	79.1	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 700	30.0	41.8	47.6	54.1	67.7	76.0	79.6	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 600	30.0	41.8	47.6	54.1	67.7	76.0	79.6	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 5000	30.3	42.2	48.0	54.4	68.1	76.3	79.9	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 4500	31.1	42.9	48.7	55.2	68.8	77.1	80.6	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	32.7	44.8	50.9	57.3	71.0	79.2	82.8	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3500	34.5	47.2	53.7	60.3	74.0	82.3	85.8	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 3000	35.9	49.0	56.0	63.0	77.1	85.4	88.9	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	37.3	51.1	58.4	65.6	80.4	88.9	92.8	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	37.8	52.2	59.8	67.3	82.3	91.2	95.2	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	38.3	52.6	60.2	67.8	82.8	91.7	95.7	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	38.8	53.4	61.2	69.1	84.8	94.0	98.0	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	38.9	53.8	61.5	69.5	85.3	94.4	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	38.9	53.8	61.5	69.5	85.4	94.5	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23112 MARCH AFB CA/RIVERSIDE

7-76, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1560-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ 0	≥ 0
NO CEILING	29.1	41.7	48.1	54.5	67.7	76.1	78.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	30.5	43.1	49.6	56.0	69.7	78.2	80.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000	30.5	43.1	49.6	56.0	69.7	78.2	80.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	30.5	43.1	49.6	56.0	69.7	78.2	80.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 14000	30.6	43.2	49.7	56.1	69.8	78.4	80.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	31.2	43.8	50.2	56.7	70.3	79.0	81.5	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	31.4	44.0	50.4	56.9	70.8	79.5	81.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	31.4	44.0	50.4	56.9	70.8	79.5	81.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	31.4	44.1	50.5	57.0	70.9	79.6	82.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	31.3	44.5	51.0	57.4	71.3	80.0	82.5	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	31.9	44.6	51.1	57.5	71.4	80.1	82.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	32.3	45.1	51.5	58.1	71.9	80.6	83.1	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	32.7	45.6	52.0	58.6	72.5	81.2	83.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	34.4	48.0	54.7	61.4	75.5	84.2	86.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	35.5	49.8	57.2	64.1	78.3	87.0	89.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	36.8	51.3	59.1	66.5	81.0	89.7	92.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	37.4	52.9	60.9	68.2	83.0	91.8	94.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	38.0	53.7	61.7	69.0	84.4	93.5	96.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	38.0	54.3	62.4	69.8	85.6	94.7	97.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	38.0	54.5	62.7	70.1	86.0	95.2	98.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.0	54.6	62.8	70.2	86.1	95.3	98.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23112 MARCH AFB CA/RIVERSIDE

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	30.0	49.0	56.0	64.3	73.3	77.5	79.4	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 20000	37.0	50.1	57.2	65.7	74.9	79.1	81.0	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	37.0	50.1	57.2	65.7	74.9	79.1	81.0	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	37.0	50.1	57.2	65.7	74.9	79.1	81.0	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	37.0	50.1	57.2	65.7	74.9	79.1	81.0	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	37.2	50.3	57.4	65.9	75.4	79.6	81.4	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	37.8	51.0	58.1	66.6	76.1	80.3	82.2	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	37.8	51.0	58.1	66.6	76.1	80.3	82.2	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	37.8	51.0	58.1	66.6	76.3	80.5	82.4	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	37.8	51.0	58.1	66.7	76.3	80.6	82.5	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	38.6	51.7	58.8	67.4	77.2	81.4	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	39.2	52.4	59.5	68.1	77.8	82.0	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	39.7	52.9	60.1	68.7	78.5	82.7	84.5	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	40.3	54.2	61.4	70.2	80.0	84.2	86.0	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	41.7	55.7	63.1	71.9	81.7	85.9	87.7	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	43.1	57.4	65.1	74.1	84.3	88.5	90.3	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	44.1	59.4	67.2	76.8	87.4	91.7	93.5	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	44.3	60.6	68.7	78.8	89.6	94.4	96.2	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 9000	44.3	60.9	68.9	79.2	90.1	94.9	96.8	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 8000	44.4	61.3	69.4	79.9	91.2	96.1	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 7000	44.4	61.4	69.6	80.2	91.7	96.8	98.6	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	44.4	61.4	69.6	80.2	91.7	96.8	98.6	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	44.4	61.4	69.7	80.3	91.8	96.9	98.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	44.4	61.4	69.7	80.3	91.8	96.9	98.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	44.4	61.4	69.7	80.3	91.8	96.9	98.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	44.4	61.4	69.7	80.3	91.8	96.9	98.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	44.4	61.4	69.7	80.3	91.8	96.9	98.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.4	61.4	69.7	80.3	91.8	96.9	98.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23117 MARCH AFB CA/RIVERSIDE

7-75, 73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0	
NO CEILING	29.9	47.8	54.7	62.3	69.6	71.4	73.8	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	30.4	48.7	55.8	63.3	70.6	72.5	74.8	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	30.4	48.7	55.8	63.3	70.6	72.5	74.8	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	30.4	48.7	55.8	63.3	70.6	72.5	74.8	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	30.4	48.7	55.8	63.3	70.6	72.5	74.8	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	30.4	48.9	56.0	63.5	70.9	72.7	75.1	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	30.8	49.4	56.5	64.1	71.4	73.2	75.6	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	31.0	49.6	56.7	64.3	71.6	73.4	75.8	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	31.1	49.7	56.8	64.4	71.7	73.5	75.9	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	31.1	49.7	56.8	64.4	71.7	73.5	75.9	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	31.6	50.2	57.3	65.1	72.4	74.2	76.6	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	31.9	50.5	57.6	65.4	72.7	74.5	76.9	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	32.3	50.9	58.0	65.7	73.0	74.8	77.2	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	33.4	52.0	59.1	67.1	74.4	76.2	78.6	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	33.9	52.8	59.9	67.8	75.2	77.0	79.4	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	35.6	54.9	62.2	70.2	77.5	79.4	81.7	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	26.8	56.6	64.0	72.9	80.5	82.5	84.8	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	38.1	59.2	67.0	76.1	83.9	85.9	88.3	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	38.3	60.4	68.4	77.7	85.8	87.8	90.2	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	38.7	61.2	69.5	79.2	87.5	89.6	91.9	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	38.9	62.6	71.4	81.5	90.3	92.4	94.7	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	38.9	62.8	72.0	82.4	91.2	93.4	96.2	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	38.9	62.9	72.3	82.6	91.7	94.0	97.0	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	38.9	62.9	72.3	82.6	91.7	94.0	97.0	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	38.9	62.9	72.4	82.8	92.4	94.6	97.6	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	38.9	62.9	72.4	82.8	92.4	94.6	97.8	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	38.9	62.9	72.5	82.9	92.5	94.7	98.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	38.9	62.9	72.5	82.9	92.5	94.7	98.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	38.9	62.9	72.5	82.9	92.5	94.7	98.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	38.9	62.9	72.5	82.9	92.5	94.7	98.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	38.9	62.9	72.5	82.9	92.5	94.7	98.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	38.9	62.9	72.5	82.9	92.5	94.7	98.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 630

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23112 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	2:0	2:5	3:5	4:4	5:3	6:2	7:1	8:0	8:9	9:8	10:7	11:6	12:5	13:4	14:3	15:2
NO CEILING	26.9	38.5	43.8	49.3	57.0	61.6	64.0	65.1	65.7	66.2	66.4	66.5	66.6	66.8	66.9	67.1
≥ 20000	27.6	39.3	44.7	50.2	58.7	62.8	65.2	66.4	67.0	67.5	67.7	67.8	67.9	68.1	68.2	68.4
IV 18000	27.7	39.3	44.8	50.3	58.8	62.8	65.3	66.5	67.0	67.5	67.8	67.8	68.0	68.1	68.2	68.4
IV 16000	27.7	39.3	44.8	50.3	58.8	62.8	65.3	66.5	67.0	67.5	67.8	67.8	68.0	68.1	68.3	68.4
IV 14000	27.7	39.4	44.9	50.4	58.9	63.0	65.4	66.6	67.1	67.7	67.9	68.0	68.1	68.2	68.4	68.6
IV 12000	27.9	39.6	45.0	50.5	59.1	63.3	65.7	66.9	67.5	68.0	68.2	68.3	68.4	68.5	68.7	68.9
IV 10000	28.1	39.8	45.3	50.8	59.5	63.6	66.1	67.3	67.8	68.3	68.6	68.7	68.8	68.9	69.1	69.3
IV 9000	28.1	39.9	45.3	50.9	59.5	63.7	66.1	67.3	67.9	68.4	68.6	68.7	68.9	69.0	69.1	69.3
IV 8000	28.2	40.0	45.4	51.0	59.7	63.9	66.3	67.5	68.1	68.6	68.8	68.9	69.1	69.2	69.4	69.5
IV 7000	28.3	40.2	45.6	51.2	59.9	64.1	66.5	67.8	68.3	68.9	69.0	69.1	69.3	69.4	69.6	69.7
IV 6000	28.5	40.4	45.8	51.4	60.1	64.3	66.8	68.0	68.5	69.0	69.3	69.4	69.5	69.6	69.8	70.0
IV 5000	28.9	40.8	46.2	51.8	60.5	64.7	67.1	68.4	68.9	69.4	69.6	69.7	69.9	70.0	70.2	70.3
IV 4500	29.1	41.1	46.5	52.2	60.9	65.0	67.5	68.7	69.2	69.8	70.0	70.1	70.2	70.4	70.5	70.7
IV 4000	30.3	42.5	48.1	53.9	62.5	66.7	69.2	70.4	71.0	71.5	71.7	71.8	71.9	72.1	72.2	72.4
IV 3500	31.4	43.9	49.7	55.5	64.2	68.4	70.9	72.1	72.6	73.2	73.4	73.5	73.6	73.8	73.9	74.1
IV 3000	32.7	45.7	51.6	57.5	66.6	70.7	73.2	74.4	75.0	75.5	75.7	75.8	76.0	76.1	76.2	76.4
IV 2500	34.0	47.5	53.8	60.0	69.4	73.7	76.2	77.4	78.0	78.5	78.7	78.8	79.0	79.1	79.2	79.4
IV 2000	35.0	49.5	56.1	62.7	72.4	76.9	79.5	80.9	81.4	81.9	82.2	82.3	82.4	82.5	82.7	82.9
IV 1800	35.2	50.3	57.0	63.8	73.7	78.3	81.0	82.3	82.9	83.4	83.6	83.7	83.9	84.0	84.1	84.3
IV 1500	35.8	51.4	58.4	65.6	76.0	80.8	83.4	84.9	85.5	86.0	86.2	86.3	86.4	86.6	86.7	86.9
IV 1200	36.0	52.3	59.6	67.2	78.2	83.1	86.0	87.5	88.1	88.7	88.9	89.0	89.1	89.2	89.4	89.6
IV 1000	36.1	52.7	60.1	67.9	79.1	84.1	87.2	88.7	89.4	90.0	90.2	90.3	90.4	90.6	90.7	90.9
IV 900	36.1	52.9	60.5	68.5	80.0	85.2	88.3	90.0	90.6	91.3	91.5	91.6	91.8	91.9	92.1	92.3
IV 800	36.1	53.0	60.6	68.7	80.4	85.7	89.0	90.8	91.5	92.2	92.4	92.5	92.7	92.8	93.0	93.2
IV 700	36.1	53.0	60.7	68.9	80.8	86.2	89.6	91.5	92.1	92.8	93.1	93.2	93.3	93.5	93.6	93.8
IV 600	36.1	53.1	60.7	69.0	81.0	86.4	90.0	92.1	92.8	93.6	93.9	94.0	94.2	94.3	94.5	94.6
IV 500	36.1	53.1	60.8	69.1	81.1	86.6	90.4	92.7	93.6	94.5	94.8	94.9	95.1	95.3	95.5	95.7
IV 400	36.1	53.1	60.8	69.1	81.2	86.8	90.7	93.1	94.1	95.4	95.9	96.0	96.2	96.4	96.7	97.0
IV 300	36.1	53.1	60.8	69.1	81.2	86.8	90.7	93.3	94.3	95.7	96.5	96.6	97.0	97.2	97.7	98.0
IV 200	36.1	53.1	60.8	69.1	81.2	86.8	90.8	93.3	94.4	95.9	96.6	96.9	97.5	97.8	98.4	99.1
IV 100	36.1	53.1	60.8	69.1	81.2	86.8	90.8	93.3	94.4	95.9	96.6	96.9	97.6	98.1	98.7	99.9
IV 0	36.1	53.1	60.8	69.1	81.2	86.8	90.8	93.3	94.4	95.9	96.6	96.9	97.6	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-76

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS:

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.5	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 3.5	≥ 4	≥ 4.5	≥ 5	≥ 5.5	≥ 6	≥ 6.5	≥ 7	≥ 8
NO CEILING ≥ 20000	25.0	38.8	43.0	49.9	60.7	64.9	67.9	69.7	69.8	70.4	70.4	70.4	70.7	70.7	71.1	71.1
IV 8000	25.2	39.1	43.9	50.2	61.0	65.2	68.2	70.1	70.2	70.9	70.9	70.9	71.1	71.1	71.6	71.6
IV 6000	25.2	39.1	43.9	50.2	61.0	65.2	68.2	70.1	70.2	70.9	70.9	70.9	71.1	71.1	71.6	71.6
IV 4000	25.2	39.1	43.9	50.2	61.3	65.5	68.6	70.4	70.6	71.2	71.2	71.2	71.4	71.4	71.9	71.9
IV 2000	25.3	39.4	44.2	50.5	61.7	65.9	68.9	70.8	70.9	71.6	71.6	71.6	71.8	71.8	72.2	72.2
IV 1000	25.3	39.4	44.2	50.5	61.7	65.9	68.9	70.8	70.9	71.6	71.6	71.6	71.8	71.8	72.2	72.2
IV 800	25.3	39.4	44.2	50.5	61.7	65.9	68.9	70.8	70.9	71.6	71.6	71.6	71.8	71.8	72.2	72.2
IV 700	25.3	39.4	44.2	50.5	61.7	65.9	68.9	70.8	70.9	71.6	71.6	71.6	71.8	71.8	72.2	72.2
IV 600	25.3	39.4	44.2	50.5	61.7	65.9	68.9	70.8	70.9	71.6	71.6	71.6	71.8	71.8	72.2	72.2
IV 500	25.3	39.4	44.2	50.5	61.7	65.9	68.9	70.8	70.9	71.6	71.6	71.6	71.8	71.8	72.2	72.2
IV 400	25.3	39.7	44.4	50.8	61.9	66.1	69.1	71.0	71.1	71.8	71.8	71.8	72.0	72.0	72.4	72.4
IV 300	25.3	39.8	44.6	50.9	62.0	66.2	69.2	71.1	71.2	71.9	71.9	71.9	72.1	72.1	72.5	72.5
IV 250	25.3	40.0	44.8	51.1	62.2	66.4	69.4	71.3	71.4	72.1	72.1	72.1	72.3	72.3	72.8	72.8
IV 200	25.4	40.2	45.0	51.3	62.4	66.7	69.7	71.6	71.7	72.3	72.3	72.3	72.6	72.6	73.0	73.0
IV 150	25.6	40.3	45.1	51.4	62.6	66.8	69.8	71.7	71.8	72.4	72.4	72.4	72.7	72.7	73.1	73.1
IV 100	26.3	42.8	48.0	54.8	65.9	70.1	73.1	75.0	75.1	75.8	75.8	75.8	76.0	76.0	76.4	76.4
IV 80	26.6	43.3	48.6	55.3	66.7	70.9	73.9	75.8	75.9	76.6	76.6	76.6	76.9	76.8	77.2	77.2
IV 60	27.1	45.8	51.4	58.3	70.0	74.3	77.3	79.2	79.3	80.0	80.0	80.0	80.2	80.2	80.7	80.7
IV 40	27.1	45.4	53.6	60.9	72.9	77.4	80.4	82.3	82.4	83.1	83.1	83.1	83.3	83.3	83.8	83.8
IV 30	27.1	47.2	55.0	62.8	75.3	79.9	83.0	84.9	85.0	85.7	85.7	85.7	85.9	85.9	86.3	86.3
IV 20	27.2	47.7	55.9	63.9	76.8	81.4	84.8	86.8	86.9	87.6	87.6	87.6	87.8	87.8	88.2	88.2
IV 15	27.2	47.7	56.0	64.4	77.7	82.8	86.6	88.6	88.7	89.3	89.3	89.3	89.6	89.6	90.0	90.0
IV 10	27.2	47.7	56.1	64.8	78.6	84.1	88.3	90.6	90.7	91.3	91.3	91.3	91.6	91.6	92.0	92.0
IV 5	27.2	47.9	56.6	65.2	79.1	85.0	89.6	92.1	92.3	93.0	93.0	93.0	93.2	93.2	93.7	93.7
IV 3	27.2	47.9	56.6	65.3	79.4	85.4	90.8	93.8	94.0	94.7	94.8	94.9	95.2	95.2	95.7	95.7
IV 2	27.2	47.9	56.6	65.3	79.4	85.6	91.0	94.3	95.1	95.8	95.9	96.0	96.3	96.3	96.8	96.8
IV 1	27.2	47.9	56.6	65.3	79.4	85.6	91.2	94.7	96.0	96.9	97.4	97.6	98.1	98.1	98.7	98.7
IV 0	27.2	47.9	56.6	65.3	79.4	85.6	91.2	94.8	96.3	97.2	98.0	98.1	98.9	99.0	99.6	99.6
IV 0	27.2	47.9	56.6	65.3	79.4	85.6	91.2	94.8	96.3	97.4	98.2	98.3	99.1	99.2	99.9	100.0
IV 0	27.2	47.9	56.6	65.3	79.4	85.6	91.2	94.8	96.3	97.4	98.2	98.3	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311 MARCH AFB CA/RIVERSIDE

7-70, 73-76

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0	
NO CEILING	23.4	32.2	36.2	39.6	44.2	46.4	51.1	53.3	54.0	54.9	55.4	55.4	56.0	56.1	56.7	57.3
≥ 20000	23.9	33.7	37.0	40.3	45.0	47.4	51.1	54.3	55.0	55.9	56.6	56.6	57.2	57.3	57.9	58.6
≥ 8000	23.9	33.0	37.0	40.3	45.0	47.4	51.1	54.3	55.0	55.9	56.6	56.6	57.2	57.3	57.9	58.6
≥ 6000	23.9	33.0	37.0	40.3	45.0	47.4	51.1	54.3	55.0	55.9	56.6	56.6	57.2	57.3	57.9	58.6
≥ 4000	23.9	33.1	37.1	40.7	45.3	47.9	51.6	54.8	55.4	56.3	57.0	57.0	57.7	57.8	58.3	59.0
≥ 2000	24.0	33.4	37.4	41.0		48.2	51.9	55.1	55.8	56.7	57.3	57.3	58.0	58.1	58.7	59.3
≥ 1000	24.0	33.4	37.4	41.0		48.2	51.9	55.1	55.8	56.7	57.3	57.3	58.0	58.1	58.7	59.3
≥ 800	24.0	33.4	37.4	41.0	45.7	48.2	51.9	55.1	55.8	56.7	57.3	57.3	58.0	58.1	58.7	59.3
≥ 7000	24.0	33.4	37.4	41.0	45.7	48.2	51.9	55.1	55.8	56.7	57.3	57.3	58.0	58.1	58.7	59.3
≥ 6000	24.0	33.4	37.4	41.0	45.7	48.2	51.9	55.1	55.8	56.7	57.3	57.3	58.0	58.1	58.7	59.3
≥ 5000	24.1	33.6	37.6	41.1	45.8	48.3	52.0	55.2	55.9	56.8	57.4	57.4	58.1	58.2	58.8	59.4
≥ 4500	24.1	33.6	37.6	41.1	45.8	48.3	52.0	55.2	55.9	56.8	57.4	57.4	58.1	58.2	58.8	59.4
≥ 4000	24.1	33.7	37.7	41.2	45.9	48.4	52.1	55.3	56.0	56.9	57.6	57.6	58.2	58.3	58.9	59.6
≥ 3500	24.1	33.7	37.7	41.2	45.9	48.4	52.1	55.3	56.0	56.9	57.6	57.6	58.2	58.3	58.9	59.6
≥ 3000	24.6	34.1	38.2	41.8	46.4	49.1	52.8	56.0	56.7	57.6	58.2	58.2	58.9	59.0	59.6	60.2
≥ 2500	25.0	34.8	38.9	42.4	47.1	49.8	53.4	56.7	57.3	58.2	58.9	58.9	59.6	59.7	60.2	60.9
≥ 2000	25.9	37.1	41.3	45.0	49.8	52.4	56.1	59.3	60.0	60.9	61.6	61.6	62.2	62.3	62.9	63.6
≥ 1800	26.2	38.3	42.9	46.6	51.3	54.0	57.8	61.0	61.7	62.6	63.2	63.2	63.9	64.0	64.6	65.2
≥ 1500	26.4	39.6	44.3	48.2	53.2	56.1	60.0	63.2	63.9	64.8	65.4	65.4	66.1	66.2	66.8	67.4
≥ 1200	26.7	40.1	45.0	49.6	54.8	57.9	61.9	65.1	65.8	66.8	67.4	67.4	68.1	68.2	68.8	69.4
≥ 1000	26.8	40.3	47.3	51.7	57.4	60.7	64.7	67.9	68.6	69.6	70.2	70.2	70.9	71.0	71.6	72.2
≥ 900	26.8	40.9	48.3	52.8	59.6	63.3	67.6	70.8	71.4	72.6	73.2	73.2	73.9	74.0	74.6	75.2
≥ 800	26.8	41.0	48.6	53.2	60.3	64.1	68.7	72.0	72.8	73.9	74.6	74.6	75.3	75.4	76.0	76.7
≥ 700	26.8	41.0	48.6	53.2	60.7	64.6	69.3	73.0	73.9	75.1	75.8	75.8	76.6	76.7	77.2	77.9
≥ 600	26.8	41.3	49.0	53.8	61.7	65.8	71.2	75.3	76.4	78.0	78.9	78.9	79.8	79.9	80.3	81.1
≥ 500	26.8	41.4	49.1	53.9	61.9	66.0	72.0	75.8	78.1	79.7	80.6	80.6	81.4	81.6	82.1	82.9
≥ 400	26.8	41.4	49.1	54.0	62.2	66.3	72.7	78.6	80.9	83.0	84.1	84.1	85.1	85.2	85.8	86.6
≥ 300	26.8	41.4	49.1	54.0	62.6	66.7	73.3	79.6	82.4	84.9	86.4	86.6	88.2	88.7	89.8	90.7
≥ 200	26.8	41.4	49.1	54.0	62.6	66.7	73.3	79.6	82.6	85.3	87.4	87.6	90.4	91.8	94.0	96.4
≥ 100	26.8	41.4	49.1	54.0	62.6	66.7	73.3	79.6	82.6	85.4	87.8	87.9	90.9	92.3	95.6	99.1
≥ 0	26.8	41.4	49.1	54.0	62.6	66.7	73.3	79.6	82.6	85.4	87.8	87.9	90.9	92.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS.

0600-0900

CEILING FEET	VISIBILITY FEET															
	≥ 10	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024
NO CEILING	22.6	29.8	31.6	23.2	36.2	43.8	47.2	50.2	51.7	53.6	54.1	54.2	54.7	54.7	55.0	55.9
≥ 2000	22.7	29.9	32.0	33.7	38.8	44.3	46.0	51.0	52.4	54.3	54.9	55.0	55.4	55.4	55.8	56.7
IV 1800	22.7	29.9	32.1	33.8	38.9	44.4	46.1	51.1	52.6	54.4	55.0	55.1	55.6	55.6	55.9	56.8
IV 1600	22.7	29.9	32.1	33.8	38.9	44.4	46.1	51.1	52.6	54.4	55.0	55.1	55.6	55.6	55.9	56.8
IV 1400	22.8	30.4	32.7	34.3	39.4	45.1	46.8	51.8	53.2	55.1	55.7	55.8	56.2	56.2	56.6	57.4
IV 1200	23.4	31.1	33.3	35.0	40.1	45.8	47.4	52.4	53.9	55.9	56.4	56.6	57.0	57.0	57.3	58.2
IV 1000	23.6	31.2	33.4	35.1	40.2	45.9	47.6	52.6	54.0	56.0	56.6	56.7	57.1	57.1	57.4	58.3
IV 900	23.6	31.2	33.4	35.1	40.2	45.9	47.6	52.6	54.0	56.0	56.6	56.7	57.1	57.1	57.4	58.3
IV 800	23.6	31.2	33.4	35.1	40.2	45.9	47.6	52.6	54.0	56.0	56.6	56.7	57.1	57.1	57.4	58.3
IV 700	23.6	31.2	33.4	35.1	40.2	45.9	47.6	52.6	54.0	56.0	56.6	56.7	57.1	57.1	57.4	58.3
IV 600	23.6	31.2	33.4	35.1	40.2	45.9	47.6	52.6	54.0	56.0	56.6	56.7	57.1	57.1	57.4	58.3
IV 500	23.8	31.4	33.7	35.3	40.4	46.1	47.8	52.8	54.2	56.2	56.8	56.9	57.3	57.3	57.7	58.6
IV 450	23.8	31.4	33.7	35.3	40.4	46.1	47.8	52.8	54.2	56.2	56.8	56.9	57.3	57.3	57.7	58.6
IV 400	23.9	31.6	33.8	35.4	40.6	46.2	47.9	52.9	54.3	56.3	56.9	57.0	57.4	57.4	57.8	58.7
IV 350	24.7	32.3	34.6	36.2	41.3	47.0	50.7	53.7	55.1	57.1	57.7	57.8	58.2	58.2	58.6	59.4
IV 300	25.1	32.8	35.0	36.7	41.8	47.4	51.1	54.1	55.6	57.6	58.1	58.2	58.7	58.7	59.0	59.9
IV 250	26.1	34.4	36.7	38.6	43.7	49.3	53.0	56.0	57.4	59.4	60.0	60.1	60.6	60.6	60.9	61.8
IV 200	25.9	36.7	39.1	41.3	45.4	52.6	56.3	59.3	60.8	62.8	63.3	63.4	63.9	63.9	64.2	65.1
IV 180	27.1	37.4	40.0	42.3	47.0	53.8	57.6	60.7	62.1	64.1	64.7	64.8	65.2	65.2	65.6	66.4
IV 150	27.6	38.7	41.7	44.2	49.3	56.1	60.1	63.2	64.7	66.7	67.2	67.3	67.5	67.8	68.1	69.0
IV 100	28.0	39.9	43.4	46.7	52.8	59.2	63.4	66.8	68.3	70.3	70.9	71.0	71.4	71.4	71.9	72.7
IV 1000	28.0	40.0	44.0	47.5	53.8	60.7	65.2	68.6	70.2	72.2	72.8	72.9	73.3	73.3	73.7	74.6
IV 900	28.1	40.1	44.4	48.2	54.6	61.9	66.7	70.7	72.6	74.6	75.1	75.2	75.7	75.7	76.0	76.9
IV 800	28.1	40.1	44.4	48.7	55.2	62.7	67.4	71.7	73.8	75.9	76.6	76.7	77.1	77.1	77.4	78.3
IV 700	28.1	40.1	44.4	49.0	55.9	63.4	68.9	73.3	75.4	77.6	78.2	78.3	78.8	78.8	79.1	80.0
IV 600	28.1	40.1	44.4	49.2	56.2	64.1	69.9	75.3	77.9	80.3	81.1	81.2	81.7	81.7	82.0	82.9
IV 500	28.1	40.1	44.4	49.2	56.2	64.1	70.2	76.2	79.0	82.1	83.2	83.4	84.1	84.1	84.6	85.4
IV 400	28.1	40.1	44.4	49.2	56.2	64.3	70.9	77.6	80.8	85.1	86.7	86.9	87.7	88.0	88.7	89.6
IV 300	28.1	40.1	44.4	49.2	56.2	64.3	71.0	77.8	81.3	85.6	88.7	89.1	90.6	91.1	92.2	93.2
IV 200	28.1	40.1	44.4	49.2	56.2	64.3	71.0	77.8	81.3	86.7	88.9	89.3	91.9	92.6	96.1	98.2
IV 100	28.1	40.1	44.4	49.2	56.2	64.3	71.0	77.8	81.3	86.7	89.0	89.4	92.1	93.8	96.7	99.6
ALL	28.1	40.1	44.4	49.2	56.2	64.3	71.0	77.8	81.3	86.7	89.0	89.4	92.1	93.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH 68 FB CA/RIVERSIDE

7-70, 73-78

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0
∞	34.1	43.1	46.7	54.3	61.7	68.3	71.6	73.3	74.1	74.3	74.3	74.3	74.3	74.3	74.3
2 25000	34.8	44.0	47.6	55.3	62.8	69.4	72.8	74.6	75.4	75.7	75.7	75.7	75.7	75.7	75.7
2 20000	34.8	44.0	47.6	55.3	62.8	69.4	72.9	74.7	75.6	75.8	75.8	75.8	75.8	75.8	75.8
2 15000	35.1	44.3	47.7	55.7	63.1	69.8	73.2	75.0	75.9	76.1	76.1	76.1	76.1	76.1	76.1
2 10000	35.3	44.7	48.2	56.1	63.6	70.2	73.7	75.4	76.3	76.6	76.6	76.6	76.6	76.6	76.6
2 8000	35.4	44.8	48.4	56.3	63.8	70.6	74.0	75.8	76.7	76.9	76.9	76.9	76.9	76.9	76.9
2 6000	35.6	44.9	48.6	56.4	64.0	70.8	74.2	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2
2 4000	35.6	44.9	48.6	56.4	64.0	70.8	74.2	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2
2 3000	35.6	44.9	48.6	56.4	64.0	70.8	74.2	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2
2 2000	35.6	44.9	48.6	56.4	64.0	70.8	74.2	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2
2 1500	35.6	44.9	48.6	56.4	64.0	70.8	74.2	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2
2 1000	35.6	44.9	48.6	56.4	64.0	70.8	74.2	76.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2
2 800	35.7	45.0	48.7	56.6	64.1	70.9	74.3	76.2	77.1	77.3	77.3	77.3	77.3	77.3	77.3
2 600	35.7	45.1	48.9	56.8	64.1	71.1	74.6	76.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7
2 400	35.4	46.3	50.2	58.1	65.7	72.4	75.9	77.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0
2 3000	37.9	48.6	52.6	60.6	68.1	74.9	78.3	80.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6
2 2500	39.6	50.8	55.1	63.3	71.0	77.8	81.3	83.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6
2 2000	40.6	53.1	57.6	66.6	74.9	81.8	85.3	87.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6
2 1800	40.8	53.7	58.1	67.2	76.0	83.0	86.5	88.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8
2 1500	41.2	54.7	59.2	68.7	77.8	85.2	88.9	90.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2
2 1200	41.3	54.9	59.7	69.8	79.2	87.1	90.7	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1
2 1000	41.4	55.1	60.1	70.4	80.1	88.8	92.6	94.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3
2 900	41.4	55.1	60.1	70.4	80.2	89.1	93.1	95.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1
2 800	41.4	55.1	60.1	70.4	80.3	89.4	93.7	96.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1
2 700	41.4	55.1	60.1	70.4	80.3	89.6	93.9	96.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7
2 600	41.4	55.1	60.1	70.4	80.3	89.6	94.0	97.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3
2 500	41.4	55.1	60.1	70.4	80.3	89.7	94.1	97.2	99.0	99.6	99.7	99.7	99.7	99.7	99.7
2 400	41.4	55.1	60.1	70.4	80.3	89.8	94.2	97.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8
2 300	41.4	55.1	60.1	70.4	80.3	89.8	94.2	97.4	99.2	99.8	99.9	99.9	99.9	99.9	99.9
2 200	41.4	55.1	60.1	70.4	80.3	89.8	94.2	97.4	99.2	99.8	99.9	99.9	99.9	99.9	99.9
2 100	41.4	55.1	60.1	70.4	80.3	89.8	94.2	97.4	99.2	99.8	99.9	99.9	99.9	99.9	99.9
2 0	41.4	55.1	60.1	70.4	80.3	89.8	94.2	97.4	99.2	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥0	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	25.6	39.2	45.6	53.2	68.0	76.8	82.6	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000	27.0	40.0	46.7	54.6	69.4	78.3	84.6	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 18000	27.0	40.0	46.7	54.6	69.4	78.6	84.9	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 16000	27.0	40.0	46.7	54.6	69.4	78.6	84.9	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 14000	27.0	40.0	46.7	54.6	69.4	78.6	84.9	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 12000	27.0	40.0	46.7	54.7	69.6	78.7	85.0	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	27.1	40.1	46.8	54.8	69.7	79.0	85.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	27.1	40.1	47.0	55.1	70.0	79.3	85.7	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	28.0	41.1	48.0	56.1	71.1	80.4	86.8	88.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	29.9	43.3	50.6	59.0	74.1	83.4	89.8	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	31.6	45.8	53.8	62.6	78.0	87.3	93.7	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	32.1	46.4	54.7	63.8	80.1	89.4	95.8	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	32.1	46.6	54.9	64.2	80.7	90.0	96.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	32.6	47.0	55.4	65.1	81.9	91.2	97.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	32.6	47.0	55.4	65.1	81.9	91.2	97.8	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	32.6	47.0	55.4	65.1	81.9	91.2	97.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.6	47.0	55.4	65.2	82.0	91.3	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119  
STATION NO.

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
MO. 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	30.0	44.4	51.0	60.3	77.0	84.4	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 20000	30.0	45.0	51.7	61.0	78.9	86.8	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 18000	30.1	45.1	51.8	61.2	79.1	87.1	89.9	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 16000	30.1	45.1	51.8	61.2	79.1	87.1	89.9	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 14000	30.3	45.3	52.0	61.4	79.3	87.4	90.2	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 12000	30.3	45.4	52.1	61.6	79.3	87.6	90.3	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	30.3	45.4	52.1	61.6	79.4	87.7	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	30.6	45.7	52.3	61.8	79.7	87.9	90.7	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	30.6	45.7	52.3	61.8	79.7	87.9	90.7	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	30.6	45.7	52.3	61.8	79.7	87.9	90.7	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	30.6	45.7	52.3	61.8	79.7	87.9	90.7	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	30.7	45.8	52.4	61.9	79.8	88.0	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	30.7	45.8	52.4	61.9	79.8	88.0	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	31.1	46.2	53.1	62.8	80.7	88.9	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	31.4	46.6	53.4	63.1	81.1	89.3	92.1	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	32.7	48.0	55.1	65.0	83.3	91.6	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	33.2	49.2	56.8	67.2	85.9	94.1	97.0	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	33.9	50.1	57.7	68.2	87.1	95.6	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	34.0	50.3	57.9	68.4	87.3	95.8	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	34.0	50.3	58.0	68.9	87.8	96.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	37.0	54.7	62.4	71.3	83.3	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 20000	37.3	55.3	63.1	72.2	85.0	86.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 18000	37.3	55.6	63.3	72.6	85.3	89.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 16000	37.3	55.6	63.3	72.6	85.3	89.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 14000	37.3	55.7	63.4	72.9	85.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 12000	37.3	55.9	63.7	73.1	85.9	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 10000	37.3	55.9	63.7	73.1	85.9	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 9000	37.3	55.9	63.7	73.1	85.9	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 8000	37.3	55.9	63.7	73.1	85.9	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 7000	37.3	55.9	63.7	73.1	85.9	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 6000	37.3	55.9	63.7	73.2	86.0	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 5000	37.7	56.2	64.0	73.6	86.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4500	37.7	56.2	64.0	73.6	86.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4000	37.9	56.7	64.4	74.2	87.1	91.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	38.2	57.1	64.9	74.7	87.6	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	38.5	57.6	65.4	75.4	88.8	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	39.0	58.8	67.0	77.0	90.6	95.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2000	39.3	59.9	68.2	78.2	92.1	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	39.3	60.1	68.4	78.4	92.3	97.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	39.3	60.1	68.6	79.0	93.2	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	39.3	60.1	68.7	79.1	93.3	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	39.3	60.1	68.7	79.1	93.3	98.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	39.3	60.1	68.7	79.1	93.3	98.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	39.3	60.1	68.7	79.1	93.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

67-70, 73-78

JUN

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	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	31.1	50.0	61.3	72.1	81.1	83.1	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 20000	31.4	50.6	61.9	72.8	81.8	83.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 18500	31.4	50.8	62.1	73.0	82.0	84.0	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 16500	31.4	50.8	62.1	73.0	82.0	84.0	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	31.4	50.8	62.1	73.2	82.3	84.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 12000	31.4	50.8	62.1	73.2	82.3	84.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 10000	31.7	51.0	62.3	73.4	82.6	84.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 9000	31.7	51.0	62.3	73.4	82.6	84.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 8000	31.7	51.0	62.4	73.6	82.7	84.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 7000	31.7	51.0	62.4	73.6	82.7	84.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	31.7	51.0	62.4	73.6	82.7	84.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	31.7	51.1	62.6	73.7	82.8	84.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	31.7	51.1	62.6	73.7	82.8	84.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4000	31.7	51.1	62.6	74.0	83.1	85.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	31.8	51.3	62.8	74.2	83.3	85.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000	32.0	51.8	63.2	74.9	84.1	86.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	32.9	53.0	64.8	76.7	86.0	88.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2000	33.4	54.3	66.4	78.4	87.8	90.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	33.6	55.2	67.0	79.8	89.1	91.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	33.7	55.7	69.0	81.4	91.1	93.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1200	33.7	57.3	69.9	82.4	92.4	95.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	34.0	58.0	70.3	83.6	94.1	96.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	34.0	58.0	71.0	83.8	94.3	96.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	34.0	58.0	71.1	84.0	94.6	97.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	34.0	58.0	71.1	84.0	94.7	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	34.0	58.0	71.1	84.0	94.7	97.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	34.0	58.0	71.2	84.1	94.8	97.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	34.0	58.0	71.2	84.1	94.8	97.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	34.0	58.0	71.2	84.1	94.8	97.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	34.0	58.0	71.2	84.1	94.8	97.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	34.0	58.0	71.2	84.1	94.8	97.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	28.7	41.5	47.3	54.3	64.3	69.3	72.3	73.8	74.3	74.7	74.9	74.9	75.0	75.1	75.2	75.4
≥ 20000	29.0	42.1	48.0	55.0	65.3	70.5	73.7	75.2	75.7	76.2	76.3	76.3	76.5	76.5	76.7	76.9
≥ 18000	29.1	42.2	48.1	55.1	65.4	70.7	73.9	75.4	75.9	76.3	76.5	76.5	76.7	76.7	76.8	77.0
≥ 16000	29.1	42.2	48.1	55.2	65.5	70.7	73.9	75.4	75.9	76.4	76.5	76.5	76.7	76.7	76.9	77.1
≥ 14000	29.2	42.4	48.3	55.4	65.8	71.1	74.3	75.8	76.3	76.8	77.0	77.0	77.1	77.2	77.3	77.5
≥ 12000	29.3	42.6	48.5	55.7	66.1	71.4	74.6	76.1	76.6	77.1	77.2	77.3	77.4	77.4	77.6	77.8
≥ 10000	29.4	42.7	48.6	55.8	66.1	71.5	74.7	76.3	76.8	77.2	77.4	77.4	77.6	77.6	77.7	77.9
≥ 9000	29.4	42.7	48.6	55.8	66.2	71.6	74.8	76.3	76.8	77.3	77.4	77.4	77.6	77.6	77.8	78.0
≥ 8000	29.4	42.7	48.6	55.8	66.2	71.6	74.8	76.3	76.8	77.3	77.4	77.4	77.6	77.6	77.8	78.0
≥ 7000	29.4	42.7	48.6	55.8	66.2	71.6	74.8	76.3	76.8	77.3	77.4	77.4	77.6	77.6	77.8	78.0
≥ 6000	29.4	42.7	48.6	55.8	66.2	71.6	74.8	76.3	76.8	77.3	77.4	77.4	77.6	77.6	77.8	78.0
≥ 5000	29.5	42.8	48.8	55.9	66.3	71.7	74.9	76.4	76.9	77.4	77.6	77.6	77.8	77.8	77.9	78.1
≥ 4500	29.5	42.9	48.8	56.0	66.3	71.7	74.9	76.5	77.0	77.4	77.6	77.6	77.8	77.8	77.9	78.1
≥ 4000	29.6	43.0	49.0	56.3	66.7	72.1	75.3	76.8	77.3	77.8	78.0	78.0	78.1	78.2	78.3	78.5
≥ 3500	30.0	43.6	49.5	56.8	67.3	72.7	75.9	77.4	77.9	78.4	78.5	78.5	78.7	78.7	78.9	79.1
≥ 3000	30.8	44.5	50.6	58.1	68.6	74.0	77.2	78.8	79.3	79.8	79.9	79.9	80.1	80.1	80.3	80.5
≥ 2500	31.6	45.9	52.3	59.9	70.6	76.0	79.2	80.8	81.3	81.8	81.9	81.9	82.1	82.1	82.3	82.5
≥ 2000	32.3	47.6	54.1	62.0	73.0	78.6	81.9	83.4	83.9	84.4	84.6	84.6	84.7	84.8	84.9	85.1
≥ 1800	32.5	48.1	54.8	62.8	73.9	79.5	82.8	84.3	84.8	85.3	85.5	85.5	85.7	85.7	85.8	86.0
≥ 1500	32.7	49.1	56.0	64.2	75.6	81.4	84.7	86.3	86.8	87.3	87.4	87.4	87.6	87.6	87.8	88.0
≥ 1200	32.8	49.5	56.8	65.3	76.9	82.8	86.2	87.8	88.3	88.8	89.0	89.0	89.1	89.2	89.3	89.5
≥ 1000	32.9	49.8	57.4	66.1	78.0	84.1	87.5	89.2	89.7	90.2	90.4	90.4	90.6	90.6	90.8	90.9
≥ 900	32.9	49.9	57.7	66.6	78.6	84.8	88.4	90.2	90.8	91.3	91.4	91.5	91.6	91.6	91.8	92.0
≥ 800	32.9	49.9	57.8	66.8	78.9	85.3	89.0	90.9	91.5	92.0	92.2	92.2	92.4	92.4	92.6	92.8
≥ 700	32.9	49.9	57.8	66.8	79.2	85.6	89.6	91.5	92.2	92.8	92.9	92.9	93.1	93.1	93.3	93.5
≥ 600	32.9	50.0	57.9	67.0	79.4	86.0	90.1	92.3	93.1	93.8	94.0	94.0	94.2	94.2	94.4	94.6
≥ 500	32.9	50.0	57.9	67.0	79.5	86.1	90.5	92.9	93.8	94.5	94.8	94.8	95.1	95.1	95.3	95.5
≥ 400	32.9	50.0	57.9	67.0	79.5	86.2	90.7	93.4	94.5	95.4	95.8	95.8	96.1	96.2	96.4	96.6
≥ 300	32.9	50.0	57.9	67.0	79.6	86.3	90.8	93.6	94.9	96.0	96.6	96.6	97.1	97.3	97.6	97.8
≥ 200	32.9	50.0	57.9	67.0	79.6	86.3	90.8	93.6	94.9	96.1	96.8	96.9	97.7	98.0	98.7	99.3
≥ 100	32.9	50.0	57.9	67.0	79.6	86.3	90.8	93.6	94.9	96.2	96.9	96.9	97.8	98.2	99.0	99.8
≥ 0	32.9	50.0	57.9	67.0	79.6	86.3	90.8	93.6	94.9	96.2	96.9	96.9	97.8	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	32.0	56.8	68.5	79.1	87.7	88.0	89.1	89.1	89.2	89.8	89.9	89.9	89.9	89.9	90.1	90.1
IV 20000	32.2	57.1	68.9	79.6	88.2	88.4	89.6	89.6	89.7	90.2	90.3	90.3	90.3	90.3	90.5	90.5
IV 18000	32.2	57.1	68.9	79.6	88.2	88.4	89.6	89.6	89.7	90.2	90.3	90.3	90.3	90.3	90.5	90.5
IV 16000	32.2	57.1	68.9	79.6	88.2	88.4	89.6	89.6	89.7	90.2	90.3	90.3	90.3	90.3	90.5	90.5
IV 14000	32.4	57.7	69.9	80.6	89.2	89.5	90.6	90.6	90.8	91.3	91.4	91.4	91.4	91.4	91.6	91.6
IV 12000	33.2	59.1	71.5	82.4	91.0	91.2	92.4	92.4	92.5	93.0	93.1	93.1	93.1	93.1	93.3	93.3
IV 10000	33.3	59.2	71.6	82.5	91.4	91.6	92.8	92.8	92.9	93.4	93.5	93.5	93.5	93.5	93.8	93.8
IV 9000	33.3	59.2	71.9	82.8	91.7	91.9	93.1	93.1	93.2	93.8	93.9	93.9	93.9	93.9	94.1	94.1
IV 8000	33.3	59.5	72.3	83.5	92.5	92.7	93.9	93.9	94.0	94.5	94.6	94.6	94.6	94.6	94.8	94.8
IV 7000	33.3	59.5	72.3	83.5	92.5	92.7	93.9	93.9	94.0	94.5	94.6	94.6	94.6	94.6	94.8	94.8
IV 6000	33.3	59.5	72.3	83.7	92.7	92.9	94.1	94.1	94.2	94.7	94.8	94.8	94.8	94.8	95.1	95.1
IV 5000	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 4500	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 4000	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 3500	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 3000	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 2500	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 2000	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 1800	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 1500	33.3	59.5	72.3	83.7	93.0	93.2	94.4	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.5	95.5
IV 1200	33.3	59.7	72.6	84.0	93.3	93.5	94.7	94.7	94.8	95.5	95.6	95.6	95.6	95.6	95.8	95.8
IV 1000	33.3	60.0	72.9	84.3	93.8	94.0	95.2	95.2	95.3	95.9	96.0	96.0	96.0	96.0	96.2	96.2
IV 900	33.3	60.3	73.2	84.6	94.4	94.7	95.9	95.9	96.0	96.7	96.8	96.8	96.8	96.8	97.0	97.0
IV 800	33.3	60.3	73.3	84.7	94.6	94.9	96.1	96.1	96.2	96.9	97.0	97.0	97.0	97.0	97.2	97.2
IV 700	33.3	60.3	73.3	84.8	94.9	95.3	96.5	96.5	96.6	97.2	97.3	97.3	97.3	97.3	97.5	97.5
IV 600	33.3	60.4	73.4	84.9	95.1	95.4	96.8	96.8	96.9	97.5	97.6	97.6	97.6	97.6	97.8	97.8
IV 500	33.3	60.4	73.5	85.1	95.4	95.8	97.2	97.2	97.3	98.0	98.1	98.1	98.1	98.1	98.3	98.3
IV 400	33.3	60.4	73.7	85.2	95.7	96.1	97.7	97.7	97.8	98.6	98.7	98.7	98.7	98.7	98.9	98.9
IV 300	33.3	60.4	73.7	85.2	95.8	96.2	98.0	98.1	98.3	99.1	99.2	99.2	99.2	99.2	99.6	99.6
IV 200	33.3	60.4	73.7	85.2	95.9	96.3	98.1	98.2	98.4	99.5	99.6	99.6	99.6	99.6	100.0	100.0
IV 100	33.3	60.4	73.7	85.2	95.9	96.3	98.1	98.2	98.4	99.5	99.6	99.6	99.6	99.6	100.0	100.0
IV 0	33.3	60.4	73.7	85.2	95.9	96.3	98.1	98.2	98.4	99.5	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 330

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	≥0
NO CEILING	28.0	44.9	51.7	61.4	71.9	75.4	77.6	78.7	79.5	80.0	80.3	80.3	81.1	81.2	81.3	81.7
≥ 20000	28.1	45.3	52.0	61.9	72.5	75.9	78.2	79.2	80.0	80.5	80.9	80.9	81.6	81.7	81.8	82.4
IV 18000	28.1	45.3	52.0	61.9	72.5	75.9	78.2	79.2	80.0	80.5	80.9	80.9	81.6	81.7	81.8	82.4
IV 16000	28.1	45.3	52.0	61.9	72.5	75.9	78.2	79.2	80.0	80.5	80.9	80.9	81.6	81.7	81.8	82.4
IV 14000	29.0	46.2	53.2	63.1	73.7	77.1	79.5	80.5	81.3	81.8	82.2	82.2	82.9	83.0	83.1	83.7
IV 12000	29.9	48.1	55.1	64.9	75.6	79.0	81.5	82.6	83.3	83.9	84.2	84.3	85.1	85.2	85.3	85.8
IV 10000	29.9	48.2	55.5	65.6	76.7	80.1	82.6	83.7	84.4	84.9	85.3	85.4	86.1	86.2	86.3	86.9
IV 9000	29.9	48.2	55.5	65.6	76.7	80.1	82.6	83.7	84.4	84.9	85.3	85.4	86.1	86.2	86.3	86.9
IV 8000	30.0	48.3	55.6	65.9	77.1	80.5	83.0	84.2	84.9	85.5	85.8	85.9	86.7	86.8	86.9	87.4
IV 7000	30.1	48.5	55.8	66.1	77.3	80.8	83.2	84.4	85.2	85.7	86.0	86.1	86.9	87.0	87.1	87.6
IV 6000	30.1	48.5	55.8	66.1	77.3	80.8	83.2	84.4	85.2	85.7	86.0	86.1	86.9	87.0	87.1	87.6
IV 5000	30.1	48.5	55.8	66.2	77.6	81.1	83.5	84.7	85.5	86.0	86.3	86.5	87.2	87.3	87.4	88.0
IV 4500	30.1	48.5	55.8	66.2	77.6	81.1	83.5	84.7	85.5	86.0	86.3	86.5	87.2	87.3	87.4	88.0
IV 4000	30.1	48.5	55.8	66.2	77.6	81.1	83.5	84.7	85.5	86.0	86.3	86.5	87.2	87.3	87.4	88.0
IV 3500	30.1	48.5	55.8	66.2	77.6	81.1	83.5	84.7	85.5	86.0	86.3	86.5	87.2	87.3	87.4	88.0
IV 3000	30.1	48.5	55.8	66.2	77.6	81.1	83.5	84.7	85.5	86.0	86.3	86.5	87.2	87.3	87.4	88.0
IV 2500	30.1	48.5	55.8	66.2	77.6	81.1	83.5	84.7	85.5	86.0	86.3	86.5	87.2	87.3	87.4	88.0
IV 2000	30.1	48.8	56.1	66.6	78.0	81.4	83.9	85.1	85.8	86.3	86.7	86.8	87.5	87.6	87.7	88.3
IV 1800	30.1	48.8	56.1	66.6	78.0	81.4	83.9	85.1	85.8	86.3	86.7	86.8	87.5	87.6	87.7	88.3
IV 1500	30.1	48.8	56.1	66.6	78.0	81.4	83.9	85.1	85.8	86.3	86.7	86.8	87.5	87.6	87.7	88.3
IV 1200	30.1	48.8	56.2	66.7	78.1	81.5	84.0	85.2	85.9	86.5	86.8	86.9	87.6	87.7	87.8	88.4
IV 1000	30.1	49.0	56.5	67.0	78.6	82.2	84.6	85.9	86.7	87.2	87.5	87.6	88.4	88.5	88.6	89.1
IV 900	30.1	49.4	56.8	67.3	79.4	83.0	85.7	87.0	87.7	88.3	88.6	88.7	89.5	89.6	89.7	90.2
IV 800	30.1	49.6	57.1	67.7	79.8	83.4	86.1	87.4	88.2	88.7	89.0	89.1	89.9	90.0	90.1	90.6
IV 700	30.1	49.6	57.2	68.0	80.0	83.7	86.3	87.6	88.4	88.9	89.2	89.4	90.2	90.3	90.4	91.0
IV 600	30.1	49.7	57.4	68.3	80.3	84.0	86.9	88.3	89.0	89.6	89.9	90.0	90.9	91.0	91.1	91.6
IV 500	30.1	49.7	57.4	68.4	80.5	84.4	87.3	89.2	90.1	90.6	91.0	91.1	91.9	92.0	92.2	92.7
IV 450	30.1	49.7	57.4	68.4	80.5	84.4	88.1	89.9	90.9	91.5	91.8	91.9	92.9	93.0	93.1	93.7
IV 300	30.1	49.7	57.4	68.4	80.5	84.4	88.2	90.1	91.5	92.5	93.2	93.3	94.6	94.7	94.9	95.6
IV 200	30.1	49.7	57.4	68.4	80.5	84.4	88.2	90.5	91.9	93.0	94.3	94.4	96.3	96.9	97.7	99.0
IV 100	30.1	49.7	57.4	68.4	80.5	84.4	88.2	90.5	91.9	93.1	94.5	94.6	96.7	97.2	98.5	99.9
0	30.1	49.7	57.4	68.4	80.5	84.4	88.2	90.5	91.9	93.1	94.5	94.6	96.7	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0	
NO CEILING	23.3	35.4	41.7	49.2	63.4	70.3	74.3	75.9	76.9	77.4	77.6	77.7	78.2	78.4	78.9	79.1
IV 20000	23.8	36.0	42.5	50.0	64.4	71.3	75.3	77.1	78.2	78.7	78.9	79.0	79.5	79.7	80.2	80.5
IV 8000	23.8	36.0	42.5	50.0	64.4	71.3	75.3	77.1	78.2	78.7	78.9	79.0	79.5	79.7	80.2	80.5
IV 6000	23.8	36.0	42.5	50.0	64.4	71.4	75.4	77.2	78.3	78.8	79.0	79.1	79.6	79.8	80.3	80.6
IV 4000	25.2	37.5	44.0	51.7	66.3	73.3	77.3	79.1	80.2	80.8	81.0	81.1	81.5	81.7	82.3	82.6
IV 2000	25.7	39.1	45.7	53.5	68.2	75.2	79.5	81.3	82.5	83.1	83.3	83.4	83.9	84.3	84.8	85.2
IV 1000	26.2	40.0	46.6	54.7	69.4	76.6	80.9	82.7	83.9	84.6	84.9	85.1	85.5	85.9	86.5	86.8
IV 900	26.2	40.1	46.7	54.9	69.6	76.8	81.1	82.9	84.1	84.9	85.3	85.4	85.8	86.2	86.8	87.1
IV 800	26.2	40.3	46.9	55.3	70.0	77.3	81.6	83.4	84.6	85.5	85.8	85.9	86.3	86.8	87.3	87.6
IV 700	26.3	40.4	47.0	55.4	70.2	77.6	81.9	83.8	84.9	85.8	86.1	86.2	86.7	87.1	87.6	88.0
IV 600	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 500	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 450	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 400	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 350	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 300	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 2500	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 2000	26.3	40.4	47.0	55.4	70.2	77.6	82.0	83.9	85.1	85.9	86.2	86.3	86.8	87.2	87.7	88.1
IV 1800	26.3	40.6	47.2	55.6	70.4	77.8	82.3	84.1	85.3	86.3	86.7	86.8	87.2	87.6	88.2	88.5
IV 1500	26.8	41.0	47.5	55.9	70.8	78.2	82.6	84.4	85.6	86.7	87.0	87.1	87.5	88.0	88.5	88.8
IV 1500	26.8	41.0	47.5	55.9	70.8	78.2	82.6	84.4	85.6	86.7	87.0	87.1	87.5	88.0	88.5	88.8
IV 1200	26.8	41.1	47.6	56.0	71.1	78.7	83.4	85.3	86.5	87.5	87.8	88.0	88.4	88.8	89.4	89.7
IV 1000	26.8	41.1	47.6	56.0	71.2	79.2	84.0	85.8	87.0	88.1	88.4	88.5	88.9	89.4	89.9	90.3
IV 900	26.8	41.2	47.7	56.1	71.5	79.5	84.2	86.0	87.2	88.3	88.6	88.7	89.1	89.6	90.1	90.5
IV 800	26.8	41.2	47.7	56.1	71.5	79.5	84.3	86.1	87.3	88.4	88.7	88.8	89.2	89.7	90.2	90.6
IV 700	26.8	41.2	47.7	56.1	71.6	79.6	84.4	86.3	88.0	89.1	89.5	89.6	90.0	90.4	91.0	91.4
IV 600	26.8	41.3	47.8	56.2	71.7	79.7	84.6	86.9	88.6	89.9	90.4	90.5	91.0	91.4	91.9	92.4
IV 500	26.8	41.3	47.8	56.2	71.8	80.1	85.3	88.1	89.9	91.4	91.9	92.5	92.9	93.3	93.9	94.3
IV 400	26.8	41.3	47.8	56.2	71.8	80.2	85.5	88.4	90.5	92.3	93.2	93.8	94.6	95.1	95.9	96.5
IV 300	26.8	41.3	47.8	56.2	71.8	80.2	85.5	88.4	90.5	92.3	94.1	94.6	95.6	96.0	97.1	97.6
IV 200	26.8	41.3	47.8	56.2	71.8	80.2	85.5	88.4	90.8	92.6	94.8	95.4	96.3	97.2	98.5	99.6
IV 100	26.8	41.3	47.8	56.2	71.8	80.2	85.5	88.4	90.8	92.6	94.8	95.4	96.3	97.2	98.8	100.0
IV 0	26.8	41.3	47.8	56.2	71.8	80.2	85.5	88.4	90.8	92.6	94.8	95.4	96.3	97.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	35.7	57.0	65.2	73.8	82.6	86.3	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 20000	36.3	57.8	66.0	74.8	83.7	87.6	89.2	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 18000	36.3	57.8	66.0	74.9	83.8	87.7	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 16000	36.3	57.8	66.0	74.9	83.8	87.7	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 14000	38.1	59.8	68.2	77.3	86.1	90.1	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 12000	39.7	61.8	70.2	79.6	88.4	92.5	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	40.3	63.0	71.4	81.2	90.0	94.2	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	40.3	63.0	71.4	81.2	90.0	94.2	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	40.3	63.2	71.8	81.7	90.5	94.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 7000	40.3	63.2	71.8	81.9	90.8	94.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000	40.3	63.2	71.8	81.9	90.8	94.9	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	40.3	63.2	71.9	82.0	90.9	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	40.3	63.2	71.9	82.0	90.9	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	40.3	63.2	71.9	82.0	90.9	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	40.3	63.2	71.9	82.0	90.9	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	40.3	63.2	71.9	82.0	90.9	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	40.3	63.2	71.9	82.0	90.9	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	40.3	63.7	72.4	82.5	91.3	95.5	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	40.3	63.7	72.4	82.5	91.3	95.5	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	40.3	63.7	72.4	82.7	91.5	95.7	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	40.3	63.7	72.4	82.7	91.6	95.8	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	40.3	63.7	72.4	82.7	91.6	95.9	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	40.3	63.7	72.4	82.7	91.6	95.9	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	40.3	63.7	72.4	82.7	91.6	95.9	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	40.3	63.7	72.4	82.7	91.6	95.9	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	40.3	63.7	72.4	82.7	91.6	95.9	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥0	
NO CEILING	23.4	46.2	57.6	68.4	80.9	86.3	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥2000	23.7	46.5	58.2	68.9	81.5	87.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 15000	23.8	46.6	58.4	69.1	82.0	87.5	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 10000	23.9	46.8	58.7	69.5	82.4	87.8	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 7500	25.1	48.7	61.1	71.8	84.8	90.3	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 5000	26.3	50.6	63.1	74.3	87.4	93.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 3000	27.1	51.6	64.1	75.5	89.2	95.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	27.2	51.9	64.5	75.9	89.8	95.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	27.7	52.5	65.2	76.6	90.4	96.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	27.8	52.8	65.7	77.1	91.0	97.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 450	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 350	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	27.8	52.8	65.8	77.3	91.2	97.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	27.8	52.8	65.8	77.3	91.2	97.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-76, 73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS:

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	210	22	23	24	25	26	27	28	29	30	31	32	33	34	35	20
NO CEILING	31.4	57.0	66.6	75.8	86.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	31.8	57.8	67.6	77.7	88.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	31.9	58.1	67.8	77.2	88.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	32.0	58.5	68.3	77.6	88.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	32.9	60.5	70.4	79.8	91.1	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	33.9	61.8	72.4	81.8	93.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	34.6	62.6	73.1	82.9	94.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	34.7	62.7	73.2	83.1	94.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	34.9	62.9	73.5	83.3	95.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	34.9	63.3	74.0	83.9	95.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	35.1	63.5	74.2	84.1	95.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	35.1	63.5	74.2	84.1	95.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	35.2	63.8	74.4	84.3	96.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	35.2	63.8	74.5	84.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS:

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0	≥0
NO CEILING	40.6	74.1	81.1	88.0	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 20000	47.6	75.4	82.4	89.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
W 18000	47.7	75.5	82.5	89.5	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
W 16000	47.8	75.6	82.6	89.6	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
W 14000	48.4	75.7	83.7	90.6	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
W 12000	49.4	78.3	85.6	92.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
W 10000	50.3	79.5	87.0	94.2	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
W 9000	50.3	79.6	87.2	94.4	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
W 8000	50.6	80.1	87.7	94.9	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
W 7000	50.8	80.3	88.0	95.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 6000	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 5000	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 4500	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 4000	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 3500	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 3000	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 2500	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 2000	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1800	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1500	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1200	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 1000	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 900	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 800	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 700	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 600	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 500	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 400	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0	51.0	80.5	88.2	95.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21117 MARCH AFB CA/RIVERSIDE

7-70, 73-73

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

U.S. AIR FORCE FORM 1054

CEILING FEET	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
NO CEILING	41.3	76.1	84.9	91.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	41.4	76.5	85.3	92.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	41.4	76.5	85.3	92.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1600	41.6	77.4	86.2	93.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1400	42.6	78.8	88.0	94.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	42.9	79.1	88.4	95.5	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	42.9	79.1	88.4	95.5	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	42.9	79.1	88.4	95.5	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	42.9	79.6	89.4	96.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	42.9	79.6	89.4	96.8	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 450	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 350	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1600	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1400	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	42.9	79.6	89.4	96.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	42.9	79.7	89.5	96.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

-7-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	PERCENTAGE FREQUENCY OF OCCURRENCE															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
> 9900	32.7	55.9	64.7	73.4	82.2	85.2	86.5	86.9	87.2	87.4	87.5	87.5	87.5	87.7	87.8	87.8
> 9000	33.1	56.5	65.4	74.2	83.1	86.1	87.4	87.9	88.1	88.3	88.4	88.4	88.4	88.6	88.7	88.8
> 8000	33.1	56.6	65.4	74.3	83.2	86.1	87.5	88.0	88.2	88.4	88.5	88.5	88.7	88.7	88.8	88.9
> 7000	33.2	56.7	65.5	74.4	83.3	86.3	87.6	88.1	88.3	88.5	88.6	88.6	88.8	88.8	88.9	89.0
> 6000	34.1	58.1	67.1	76.0	85.0	87.9	89.3	89.8	90.0	90.2	90.3	90.3	90.5	90.5	90.6	90.7
> 5000	35.1	59.7	68.9	78.0	87.0	90.1	91.6	92.0	92.3	92.5	92.6	92.6	92.8	92.8	92.9	93.1
> 4000	35.6	60.4	69.7	79.0	88.3	91.5	93.0	93.5	93.8	94.0	94.1	94.1	94.3	94.3	94.4	94.5
> 3000	35.6	60.5	69.9	79.2	88.5	91.7	93.2	93.7	94.0	94.2	94.3	94.3	94.5	94.5	94.6	94.7
> 2000	35.8	60.8	70.3	79.7	89.1	92.4	93.9	94.4	94.6	94.9	95.0	95.0	95.1	95.2	95.3	95.4
> 1000	35.8	60.9	70.4	79.7	89.3	92.6	94.1	94.6	94.9	95.1	95.2	95.2	95.4	95.5	95.6	95.7
> 500	35.8	61.0	70.5	80.0	89.5	92.7	94.4	94.8	95.1	95.3	95.4	95.5	95.6	95.7	95.8	95.9
> 400	35.9	61.0	70.6	80.1	89.6	92.9	94.5	95.0	95.3	95.6	95.6	95.7	95.8	95.9	96.0	96.1
> 300	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.8	95.9	96.0	96.1
> 200	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 100	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 50	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 20	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 10	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 5	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 2	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 1	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
> 0	35.9	61.0	70.6	80.1	89.7	92.9	94.6	95.0	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70, 73-78  
YEARS

AUG  
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	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	29.1	56.1	68.7	79.4	86.1	87.8	88.8	89.4	89.5	89.6	89.7	89.8	89.9	89.9	89.9	90.0
≥ 20000	29.1	56.3	69.0	79.7	86.5	88.2	89.1	89.7	89.8	89.9	90.0	90.1	90.2	90.2	90.2	90.3
IV 18000	29.1	56.3	69.0	79.7	86.5	88.2	89.1	89.7	89.8	89.9	90.0	90.1	90.2	90.2	90.2	90.3
IV 16000	29.2	56.5	69.1	79.8	86.6	88.3	89.2	89.8	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.4
IV 14000	29.4	57.6	70.3	81.0	87.7	89.5	90.4	91.0	91.1	91.2	91.3	91.4	91.5	91.5	91.5	91.6
IV 12000	30.2	58.9	71.7	82.4	89.1	90.9	91.8	92.4	92.5	92.6	92.7	92.8	92.9	92.9	92.9	93.0
IV 10000	30.3	59.5	72.6	83.3	90.1	91.9	92.9	93.4	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.1
IV 9000	30.8	60.0	73.1	83.9	90.6	92.5	93.4	94.0	94.1	94.2	94.3	94.4	94.5	94.5	94.5	94.6
IV 8000	30.8	60.0	73.1	83.9	90.6	92.5	93.4	94.0	94.1	94.2	94.3	94.4	94.5	94.5	94.5	94.6
IV 7000	30.8	60.3	73.4	84.2	91.1	92.9	93.9	94.4	94.5	94.6	94.7	94.8	94.9	94.9	94.9	95.1
IV 6000	30.9	60.4	73.5	84.3	91.2	93.0	94.0	94.5	94.6	94.7	94.8	94.9	95.1	95.1	95.1	95.2
IV 5000	31.0	60.5	73.7	84.4	91.3	93.1	94.1	94.6	94.7	94.8	94.9	95.1	95.2	95.2	95.2	95.3
IV 4500	31.0	60.5	73.7	84.4	91.3	93.1	94.1	94.6	94.7	94.8	94.9	95.1	95.2	95.2	95.2	95.3
IV 4000	31.1	60.6	73.8	84.5	91.4	93.2	94.2	94.7	94.8	94.9	95.1	95.2	95.3	95.3	95.3	95.4
IV 3500	31.1	60.6	73.8	84.5	91.4	93.2	94.2	94.7	94.8	94.9	95.1	95.2	95.3	95.3	95.3	95.4
IV 3000	31.1	60.6	73.8	84.5	91.4	93.2	94.2	94.7	94.8	94.9	95.1	95.2	95.3	95.3	95.3	95.4
IV 2500	31.2	60.8	73.9	84.6	91.5	93.3	94.3	94.8	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.5
IV 2000	31.2	60.9	74.0	84.7	91.6	93.4	94.4	94.9	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.6
IV 1800	31.3	61.1	74.2	84.9	91.8	93.7	94.6	95.2	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.8
IV 1500	31.3	61.7	74.8	85.6	92.5	94.3	95.3	95.8	95.9	96.0	96.1	96.2	96.3	96.3	96.3	96.5
IV 1200	31.3	62.4	75.7	86.5	93.3	95.2	96.1	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.3
IV 1000	31.3	62.4	75.7	86.5	93.3	95.2	96.1	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.3
IV 900	31.3	62.4	76.0	86.8	93.7	95.5	96.5	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8	98.0
IV 800	31.3	62.4	76.0	86.8	93.7	95.5	96.5	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8	98.0
IV 700	31.3	62.4	76.0	86.8	93.7	95.7	96.8	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.3
IV 600	31.3	62.4	76.0	86.8	93.7	95.7	96.8	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.3
IV 500	31.3	62.4	76.0	86.8	93.7	95.7	96.8	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.3
IV 400	31.3	62.4	76.0	86.8	93.7	95.7	97.0	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.8	98.9
IV 300	31.3	62.4	76.0	86.8	93.8	95.8	97.1	98.4	98.5	99.0	99.1	99.2	99.4	99.5	99.5	99.6
IV 200	31.3	62.4	76.0	86.8	93.8	95.8	97.1	98.4	98.5	99.0	99.1	99.2	99.4	99.5	99.5	99.6
IV 100	31.3	62.4	76.0	86.8	93.8	95.8	97.1	98.4	98.5	99.0	99.1	99.2	99.4	99.5	99.7	99.9
IV 0	31.3	62.4	76.0	86.8	93.8	95.8	97.1	98.4	98.5	99.0	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0.15	≥0
NO CEILING	24.7	44.3	54.4	65.5	75.4	76.7	79.5	80.8	80.9	81.7	82.3	82.4	82.6	83.0	83.7	84.4
≥ 20000	24.7	44.5	54.6	65.8	75.6	77.0	79.8	81.1	81.2	82.0	82.6	82.7	83.1	83.3	84.0	84.7
IV 18000	24.8	44.6	54.7	65.9	75.7	77.2	80.0	81.3	81.4	82.3	82.8	82.9	83.3	83.5	84.2	84.9
IV 16000	24.8	44.6	54.7	65.9	75.7	77.2	80.0	81.3	81.4	82.3	82.8	82.9	83.3	83.5	84.2	84.9
IV 14000	24.8	45.3	55.5	66.9	76.7	78.2	81.0	82.3	82.4	83.2	83.8	83.9	84.3	84.5	85.2	85.9
IV 12000	25.6	46.2	56.5	68.0	77.8	79.4	82.2	83.4	83.5	84.4	84.9	85.1	85.5	85.7	86.3	87.1
IV 10000	25.7	47.1	57.4	69.0	78.9	80.4	83.2	84.5	84.6	85.5	86.0	86.1	86.6	86.8	87.4	88.2
IV 9000	26.1	47.5	57.8	69.5	79.4	80.9	83.7	84.9	85.1	85.9	86.5	86.6	87.0	87.2	87.8	88.6
IV 8000	26.2	47.6	58.0	69.6	79.5	81.0	83.8	85.1	85.2	86.0	86.6	86.7	87.1	87.3	88.0	88.7
IV 7000	26.2	47.6	58.0	69.6	79.6	81.2	84.1	85.4	85.5	86.3	86.9	87.0	87.4	87.6	88.3	89.0
IV 6000	26.2	47.6	58.0	69.6	79.6	81.2	84.1	85.4	85.5	86.3	86.9	87.0	87.4	87.6	88.3	89.0
IV 5000	26.3	47.7	58.1	69.7	79.7	81.3	84.2	85.5	85.6	86.5	87.0	87.1	87.5	87.7	88.4	89.1
IV 4500	26.6	48.0	58.3	69.9	79.9	81.5	84.4	85.7	85.8	86.7	87.2	87.3	87.7	88.0	88.6	89.4
IV 4000	26.6	48.0	58.3	69.9	79.9	81.5	84.4	85.7	85.8	86.7	87.2	87.3	87.7	88.0	88.6	89.4
IV 3500	26.6	48.0	58.3	69.9	79.9	81.5	84.4	85.7	85.8	86.7	87.2	87.3	87.7	88.0	88.6	89.4
IV 3000	26.6	48.0	58.3	69.9	79.9	81.5	84.4	85.7	85.8	86.7	87.2	87.3	87.7	88.0	88.6	89.4
IV 2500	27.0	48.6	58.9	70.5	80.5	82.2	85.1	86.3	86.5	87.3	87.8	88.0	88.4	88.6	89.2	90.0
IV 2000	27.0	48.8	59.1	70.8	80.9	82.5	85.4	86.7	86.8	87.6	88.2	88.3	88.7	88.9	89.6	90.3
IV 1800	27.3	49.6	59.9	71.5	81.6	83.2	86.1	87.4	87.5	88.4	88.9	89.0	89.5	89.7	90.3	91.1
IV 1500	27.6	50.2	60.5	72.2	82.4	84.0	86.9	88.2	88.3	89.1	89.7	89.8	90.2	90.4	91.1	91.8
IV 1200	27.6	50.2	60.5	72.2	82.4	84.0	86.9	88.2	88.3	89.1	89.7	89.8	90.2	90.4	91.1	91.8
IV 1000	27.6	50.4	60.8	72.4	82.7	84.3	87.2	88.5	88.6	89.5	90.0	90.1	90.5	90.8	91.4	92.2
IV 900	27.6	50.4	60.8	72.4	82.7	84.3	87.2	88.5	88.6	89.5	90.0	90.1	90.5	90.8	91.4	92.2
IV 800	27.6	50.4	60.8	72.4	82.7	84.3	87.2	88.5	88.6	89.5	90.0	90.1	90.5	91.0	91.2	91.8
IV 700	27.6	50.4	60.8	72.4	82.7	84.4	87.5	89.2	89.4	90.2	90.8	90.9	91.2	91.5	92.2	92.9
IV 600	27.6	50.4	60.8	72.4	82.9	84.8	88.0	89.9	90.0	90.9	91.4	91.5	91.9	92.2	92.8	93.5
IV 500	27.6	50.4	60.8	72.4	83.0	84.9	88.1	90.0	90.2	91.2	91.7	91.8	92.3	92.5	93.1	93.9
IV 400	27.6	50.4	60.8	72.4	83.2	85.2	88.6	91.2	91.4	92.4	93.1	93.2	93.9	94.1	94.7	95.5
IV 300	27.6	50.4	60.8	72.4	83.2	85.2	88.6	91.2	91.5	93.0	93.9	94.1	94.8	95.1	95.7	96.5
IV 200	27.6	50.4	60.8	72.4	83.2	85.2	88.6	91.2	91.5	93.3	94.3	94.5	95.4	95.9	96.8	97.5
IV 100	27.6	50.4	60.8	72.4	83.2	85.2	88.6	91.2	91.5	93.3	94.3	94.5	95.4	95.9	97.4	99.2
IV 0	27.6	50.4	60.8	72.4	83.2	85.2	88.6	91.2	91.5	93.3	94.3	94.5	95.4	95.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	24.8	37.5	41.7	48.4	59.4	66.8	71.4	73.7	74.2	75.4	76.0	76.1	76.3	76.7	77.1	77.8
≥ 20000	24.9	38.0	42.2	48.8	60.1	67.5	72.2	74.8	75.4	76.6	77.2	77.3	77.5	77.8	78.3	79.0
IV 18000	24.9	38.0	42.2	48.8	60.1	67.5	72.3	74.9	75.5	76.7	77.3	77.4	77.6	78.0	78.4	79.1
IV 16000	25.2	38.2	42.4	49.0	60.3	67.7	72.5	75.2	75.7	76.9	77.5	77.6	77.8	78.2	78.6	79.4
IV 14000	25.5	39.1	43.7	50.5	62.0	69.5	74.2	76.9	77.4	78.6	79.2	79.4	79.6	79.9	80.3	81.1
IV 12000	25.9	39.7	44.3	51.4	63.4	70.9	75.6	78.5	79.0	80.2	80.9	81.0	81.2	81.5	81.9	82.7
IV 10000	26.5	40.4	45.1	52.4	64.6	72.0	76.8	79.7	80.2	81.4	82.0	82.2	82.4	82.7	83.1	83.9
IV 9000	26.6	40.5	45.2	52.5	64.7	72.2	77.0	79.8	80.3	81.5	82.2	82.3	82.5	82.8	83.2	84.0
IV 8000	26.6	40.5	45.2	52.5	64.8	72.3	77.0	80.0	80.5	81.7	82.4	82.5	82.7	83.0	83.4	84.2
IV 7000	26.6	40.5	45.2	52.7	65.1	72.7	77.4	80.4	81.0	82.2	82.8	82.9	83.1	83.4	83.9	84.6
IV 6000	26.9	40.9	45.5	53.0	65.4	73.0	77.7	80.6	81.3	82.5	83.1	83.2	83.4	83.8	84.2	84.9
IV 5000	27.1	41.1	45.7	53.2	65.6	73.2	78.0	81.0	81.5	82.7	83.3	83.4	83.7	84.0	84.4	85.2
IV 4500	27.1	41.1	45.7	53.2	65.6	73.2	78.0	81.0	81.5	82.7	83.3	83.4	83.7	84.0	84.4	85.2
IV 4000	27.1	41.1	45.7	53.2	65.6	73.2	78.0	81.0	81.5	82.7	83.3	83.4	83.7	84.0	84.4	85.2
IV 3500	27.4	41.5	46.1	53.7	66.0	73.7	78.4	81.4	81.9	83.1	83.8	83.9	84.1	84.4	84.8	85.6
IV 3000	27.7	41.8	46.5	54.0	66.3	74.0	78.8	81.9	82.6	83.8	84.4	84.5	84.7	85.1	85.5	86.2
IV 2500	28.3	42.6	47.3	54.8	67.2	74.8	79.7	82.8	83.4	84.6	85.3	85.4	85.6	85.9	86.3	87.1
IV 2000	28.7	43.1	47.8	55.4	67.8	75.5	80.3	83.4	84.1	85.3	85.9	86.0	86.2	86.6	87.0	87.7
IV 1800	29.1	43.7	48.4	55.9	68.4	76.0	80.9	84.0	84.6	85.8	86.5	86.6	86.8	87.1	87.5	88.3
IV 1500	29.2	43.8	48.5	56.0	68.5	76.1	81.0	84.1	84.7	85.9	86.6	86.7	86.9	87.2	87.6	88.4
IV 1200	29.2	44.0	48.7	56.5	69.0	76.7	81.5	84.6	85.3	86.5	87.1	87.2	87.4	87.7	88.2	88.9
IV 1000	29.2	44.0	48.8	56.5	69.2	76.9	81.7	84.9	85.6	86.8	87.4	87.5	87.7	88.1	88.5	89.2
IV 900	29.2	44.0	48.8	56.6	69.2	77.0	81.8	85.4	86.0	87.2	87.8	88.0	88.2	88.5	88.9	89.7
IV 800	29.2	44.0	48.8	56.5	69.5	77.3	82.2	85.9	86.6	87.7	88.4	88.5	88.7	89.0	89.5	90.2
IV 700	29.2	44.0	48.8	56.6	69.5	77.3	82.4	86.5	87.1	88.3	88.9	89.0	89.2	89.7	90.1	90.9
IV 600	29.2	44.0	48.8	56.7	69.6	77.4	82.5	86.9	87.5	88.7	89.4	89.5	89.7	90.1	90.5	91.3
IV 500	29.2	44.0	48.8	56.7	69.7	77.6	82.6	87.6	88.6	89.8	90.5	90.6	91.0	91.4	91.8	92.6
IV 400	29.2	44.0	48.8	56.8	69.8	77.7	83.1	88.3	89.5	91.2	92.3	93.0	93.3	93.9	94.4	95.2
IV 300	29.2	44.0	48.8	56.8	69.8	77.7	83.1	88.4	89.7	92.0	93.3	94.2	94.6	95.3	96.0	97.2
IV 200	29.2	44.0	48.8	56.8	69.8	77.7	83.2	88.5	89.8	92.3	93.7	94.7	95.4	96.0	96.9	98.7
IV 100	29.2	44.0	48.8	56.8	69.8	77.7	83.2	88.5	89.8	92.3	93.7	94.7	95.4	96.0	97.0	99.7
IV 0	29.2	44.0	48.8	56.8	69.8	77.7	83.2	88.5	89.8	92.3	93.7	94.7	95.4	96.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

67-70,73-78  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	39.5	57.2	64.4	72.9	84.2	87.8	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 20000	40.0	57.8	65.1	73.5	85.3	88.9	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 18000	40.1	58.2	65.4	73.9	85.6	89.2	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 16000	40.2	58.3	65.5	74.0	85.7	89.4	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 14000	40.9	59.1	66.3	75.1	87.0	90.8	92.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 12000	41.6	60.0	67.3	76.0	88.1	92.0	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 10000	41.7	60.5	67.8	76.6	88.6	92.6	94.6	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 9000	41.7	60.5	67.8	76.6	88.6	92.6	94.6	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 8000	41.9	60.8	68.1	76.8	88.8	92.8	94.8	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 7000	42.0	60.9	68.2	76.9	89.0	93.1	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 6000	42.4	61.2	68.5	77.2	89.4	93.4	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	42.4	61.2	68.5	77.2	89.4	93.4	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	42.4	61.2	68.5	77.2	89.4	93.4	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4000	42.5	61.3	68.6	77.3	89.5	93.5	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	43.1	61.9	69.2	78.0	90.1	94.2	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3000	43.2	62.2	69.5	78.2	90.3	94.5	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2500	43.7	62.6	69.9	78.6	90.8	94.9	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	43.7	62.7	70.0	78.7	90.9	95.1	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	43.7	62.7	70.1	78.9	91.1	95.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	43.7	62.7	70.1	78.9	91.1	95.4	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	43.7	62.7	70.2	79.0	91.2	95.5	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	43.7	62.7	70.2	79.1	91.2	95.7	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	43.7	62.7	70.3	79.4	91.6	96.0	98.4	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	43.7	62.7	70.3	79.4	91.6	96.1	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 STATION MARCH AFB CA/RIVERSIDE

7-70, 73-78

AUG

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	≥1.0	≥1	≥.5	≥.25	≥.16	≥.1	≥0	
NO CEILING	29.4	49.6	59.2	70.8	84.3	90.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 20000	29.7	49.9	59.7	71.3	85.4	90.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	29.7	49.9	59.7	71.3	85.4	90.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 16000	29.8	50.0	59.8	71.4	85.5	91.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 14000	30.4	50.9	61.0	73.3	87.5	93.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 12000	31.4	52.0	62.2	74.5	88.8	94.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 10000	32.2	52.8	62.9	75.4	89.7	95.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	32.3	52.9	63.0	75.6	89.9	95.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	32.3	52.9	63.0	75.6	89.9	95.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	32.4	53.0	63.1	75.7	90.0	95.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6000	32.5	53.1	63.2	75.8	90.1	96.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	32.5	53.1	63.2	75.8	90.1	96.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	32.7	53.3	63.4	76.0	90.3	96.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	32.7	53.3	63.4	76.0	90.3	96.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	32.8	53.4	63.5	76.1	90.5	96.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	32.9	53.7	63.8	76.3	90.8	96.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 00	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.9	53.9	64.0	76.6	91.0	97.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	31.0	57.7	68.4	78.1	88.5	92.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 20000	31.3	58.1	68.9	78.9	89.2	93.3	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
IV 18000	31.3	58.2	69.0	79.0	89.3	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
IV 15000	31.6	58.6	69.4	79.4	89.8	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
IV 14000	32.0	59.8	70.6	80.7	91.1	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
IV 12000	32.4	60.6	71.4	81.7	92.0	96.4	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 10000	33.1	61.2	72.1	82.4	92.8	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 9000	33.1	61.3	72.2	82.5	92.9	97.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 8000	33.3	61.5	72.4	82.8	93.1	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 7000	33.4	61.6	72.5	83.0	93.3	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 6000	33.5	61.7	72.6	83.1	93.4	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 5000	33.5	61.7	72.6	83.4	93.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
IV 4500	33.6	61.9	72.7	83.5	93.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 4000	33.8	62.1	73.0	83.8	94.2	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 3500	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 3000	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
IV 2500	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 2000	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 1800	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 1500	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 1200	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 1000	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 900	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 800	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 700	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 600	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 500	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 400	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 300	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 200	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 100	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 0	33.9	62.2	73.1	83.9	94.3	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 928

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

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	47.9	74.4	82.8	88.7	92.9	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 20000	48.8	75.5	84.0	89.9	94.2	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 15000	48.8	75.5	84.0	89.9	94.2	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 12000	48.9	75.7	84.3	90.1	94.4	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 10000	49.3	77.0	85.7	91.5	95.0	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 9000	49.7	77.9	86.5	92.3	96.7	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 8000	49.7	77.9	86.5	92.3	96.7	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 7000	49.8	78.2	86.8	92.7	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 6000	50.2	78.6	87.3	93.1	97.4	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 5000	50.4	79.0	87.6	93.4	97.7	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4500	50.8	79.5	88.1	94.0	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4000	50.8	79.5	88.2	94.1	98.4	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3500	50.8	79.6	88.3	94.2	98.5	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	50.8	79.6	88.3	94.2	98.5	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	50.9	79.8	88.6	94.4	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

7-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	40.4	72.1	82.0	89.2	92.2	93.5	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	40.4	72.4	82.2	89.4	92.4	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 18000	40.4	72.4	82.2	89.4	92.4	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 16000	40.6	72.6	82.4	89.6	92.7	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 14000	40.7	73.4	83.4	90.6	93.6	94.9	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 12000	41.5	74.7	84.7	91.9	94.9	96.2	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 10000	42.1	75.8	85.7	93.0	96.0	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 9000	42.1	75.8	85.7	93.0	96.0	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 8000	42.3	76.0	86.0	93.2	96.2	97.5	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 7000	42.4	76.3	86.3	93.5	96.5	97.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 6000	42.4	76.3	86.3	93.5	96.5	97.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 5000	42.4	76.3	86.4	93.6	96.7	97.9	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4500	42.4	76.3	86.4	93.6	96.7	97.9	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4000	42.4	76.3	86.4	93.6	96.7	97.9	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3500	42.4	76.3	86.4	93.6	96.7	97.9	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3000	42.4	76.6	86.6	93.8	96.9	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2500	42.4	76.6	86.6	93.8	96.9	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	42.5	76.8	86.8	94.1	97.1	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	42.5	76.9	86.9	94.2	97.2	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	42.7	77.0	87.0	94.3	97.5	98.9	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	42.7	77.1	87.1	94.4	97.6	99.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	42.7	77.2	87.3	94.5	97.7	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	42.7	77.2	87.3	94.5	97.7	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	42.7	77.2	87.3	94.5	97.7	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	42.7	77.2	87.3	94.5	97.7	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	42.7	77.2	87.3	94.5	97.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 HARCH AFB CA/RIVERSIDE

7-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL

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	33.3	56.1	65.2	74.1	82.9	86.1	87.8	88.4	88.5	88.8	89.0	89.0	89.1	89.2	89.3	89.5
≥ 20000	33.6	56.5	65.7	74.6	83.6	86.8	88.5	89.2	89.3	89.6	89.7	89.8	89.9	89.9	90.1	90.3
≥ 15000	33.6	56.6	65.8	74.7	83.6	86.9	88.6	89.3	89.4	89.7	89.8	89.9	90.0	90.0	90.2	90.4
IV 16000	33.8	56.8	65.9	74.9	83.8	87.0	88.7	89.4	89.6	89.9	90.0	90.1	90.1	90.2	90.4	90.6
≥ 14000	34.1	57.8	67.0	76.2	85.2	88.4	90.1	90.6	90.9	91.2	91.4	91.4	91.5	91.6	91.7	91.9
IV 12000	34.8	58.7	68.1	77.3	86.4	89.7	91.5	92.2	92.3	92.6	92.8	92.8	92.9	93.0	93.1	93.3
≥ 10000	35.1	59.4	68.8	78.0	87.2	90.5	92.3	93.0	93.2	93.4	93.6	93.6	93.7	93.8	93.9	94.1
IV 9000	35.3	59.6	69.0	78.3	87.4	90.8	92.5	93.2	93.4	93.6	93.8	93.9	93.9	94.0	94.2	94.4
≥ 8000	35.4	59.7	69.1	78.4	87.6	90.9	92.7	93.4	93.6	93.8	94.0	94.0	94.1	94.2	94.3	94.5
IV 7000	35.5	59.9	69.3	78.6	87.8	91.2	93.0	93.7	93.9	94.1	94.3	94.3	94.4	94.5	94.6	94.8
≥ 6000	35.7	60.1	69.5	78.8	88.0	91.4	93.2	93.9	94.1	94.3	94.5	94.5	94.6	94.7	94.8	95.0
IV 5000	35.7	60.1	69.5	78.9	88.1	91.5	93.3	94.1	94.2	94.5	94.6	94.7	94.8	94.8	95.0	95.2
≥ 4500	35.8	60.2	69.6	79.0	88.2	91.6	93.4	94.1	94.3	94.5	94.7	94.8	94.8	94.9	95.1	95.3
IV 4000	35.9	60.3	69.7	79.1	88.2	91.7	93.4	94.2	94.3	94.6	94.8	94.8	94.9	95.0	95.1	95.3
≥ 3500	36.0	60.5	69.9	79.2	88.4	91.9	93.6	94.4	94.5	94.8	95.0	95.0	95.1	95.2	95.3	95.5
IV 3000	36.1	60.6	70.0	79.4	88.6	92.0	93.8	94.6	94.7	95.0	95.2	95.2	95.3	95.4	95.5	95.7
≥ 2500	36.3	60.9	70.3	79.7	88.8	92.3	94.1	94.9	95.0	95.3	95.5	95.5	95.6	95.7	95.8	96.0
IV 2000	36.3	61.0	70.4	79.8	89.0	92.5	94.3	95.0	95.2	95.5	95.7	95.7	95.8	95.9	96.0	96.2
≥ 1800	36.5	61.2	70.6	80.0	89.2	92.7	94.5	95.3	95.4	95.7	95.9	95.9	96.0	96.1	96.2	96.4
IV 1500	36.5	61.4	70.8	80.2	89.5	93.0	94.8	95.5	95.7	96.0	96.1	96.2	96.3	96.3	96.5	96.7
≥ 1200	36.5	61.5	71.0	80.4	89.7	93.2	95.0	95.7	95.9	96.2	96.4	96.4	96.5	96.6	96.7	96.9
IV 1000	36.5	61.6	71.0	80.5	89.8	93.3	95.1	95.9	96.1	96.4	96.6	96.6	96.7	96.8	96.9	97.1
≥ 900	36.5	61.6	71.1	80.5	89.9	93.4	95.2	96.2	96.3	96.6	96.8	96.8	96.9	97.0	97.1	97.3
IV 800	36.5	61.6	71.1	80.5	89.9	93.4	95.2	96.3	96.4	96.8	96.8	96.9	97.0	97.1	97.3	97.5
≥ 700	36.5	61.6	71.1	80.5	89.9	93.5	95.4	96.4	96.6	96.9	97.1	97.1	97.2	97.3	97.4	97.6
IV 600	36.5	61.6	71.1	80.6	89.9	93.6	95.4	96.6	96.8	97.1	97.3	97.3	97.4	97.5	97.6	97.8
≥ 500	36.5	61.6	71.1	80.6	90.0	93.6	95.5	96.7	97.0	97.3	97.5	97.5	97.6	97.7	97.9	98.1
IV 400	36.5	61.6	71.1	80.6	90.0	93.6	95.6	97.0	97.3	97.7	98.0	98.1	98.2	98.3	98.5	98.7
≥ 300	36.5	61.6	71.1	80.6	90.0	93.6	95.6	97.1	97.4	98.0	98.3	98.4	98.6	98.7	98.9	99.2
IV 200	36.5	61.6	71.1	80.6	90.0	93.6	95.7	97.1	97.4	98.0	98.4	98.5	98.6	98.7	98.9	99.5
≥ 100	36.5	61.6	71.1	80.6	90.0	93.6	95.7	97.1	97.4	98.0	98.4	98.5	98.7	98.9	99.3	99.9
IV 0	36.5	61.6	71.1	80.6	90.0	93.6	95.7	97.1	97.4	98.0	98.4	98.5	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7431

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119

MARCH AFB CA/RIVERSIDE

66-70, 73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	26.6	43.3	50.6	55.9	62.8	65.1	69.6	72.6	73.0	73.7	74.1	74.1	74.1	74.1	74.2	74.6
≥ 20000	26.6	43.6	50.8	56.2	63.1	66.4	69.9	72.9	73.3	74.0	74.4	74.4	74.8	74.8	74.9	75.2
IV 18000	26.6	43.6	50.8	56.2	63.1	66.4	69.9	72.9	73.3	74.0	74.4	74.4	74.8	74.8	74.9	75.2
IV 15000	26.6	43.6	50.8	56.2	63.1	66.4	69.9	72.9	73.3	74.0	74.4	74.4	74.8	74.8	74.9	75.2
IV 14000	26.6	43.6	51.1	56.8	64.0	67.3	70.8	73.8	74.2	74.9	75.3	75.3	75.7	75.7	75.8	76.1
IV 12000	27.1	44.7	52.3	58.0	65.2	68.6	72.0	75.0	75.4	76.1	76.6	76.6	76.9	76.9	77.0	77.3
IV 10000	27.4	45.0	52.7	58.7	66.0	69.3	72.8	75.8	76.2	76.9	77.3	77.3	77.7	77.7	77.8	78.1
IV 9000	27.8	45.3	53.0	59.0	66.3	69.7	73.1	76.1	76.6	77.2	77.7	77.7	78.0	78.0	78.1	78.4
IV 8000	28.1	45.8	53.4	59.4	66.8	70.1	73.6	76.6	77.0	77.7	78.1	78.1	78.4	78.4	78.6	78.9
IV 7000	28.1	45.8	53.6	59.6	66.9	70.2	73.7	76.8	77.3	78.1	78.6	78.6	78.9	78.9	79.0	79.3
IV 6000	28.4	46.4	54.2	60.2	67.6	70.9	74.3	77.4	78.0	78.8	79.2	79.2	79.6	79.6	79.7	80.0
IV 5000	28.4	46.8	54.6	60.6	67.9	71.2	74.7	77.8	78.3	79.1	79.6	79.6	79.9	79.9	80.0	80.3
IV 4500	28.4	46.8	54.6	60.6	67.9	71.2	74.7	77.8	78.3	79.1	79.6	79.6	79.9	79.9	80.0	80.3
IV 4000	28.6	46.9	54.7	60.7	68.0	71.3	74.8	77.9	78.4	79.2	79.7	79.7	80.0	80.0	80.1	80.4
IV 3500	28.7	47.0	54.8	60.8	68.1	71.4	74.9	78.0	78.6	79.3	79.8	79.8	80.1	80.1	80.2	80.6
IV 3000	29.2	47.7	55.7	61.7	69.1	72.4	75.9	79.0	79.6	80.3	80.8	80.8	81.1	81.1	81.2	81.6
IV 2500	29.6	48.8	56.8	62.8	70.2	73.6	77.0	80.1	80.7	81.4	81.9	81.9	82.2	82.2	82.3	82.7
IV 2000	29.8	49.4	57.4	63.6	71.3	74.7	78.1	81.2	81.8	82.6	83.0	83.0	83.3	83.3	83.4	83.8
IV 1800	29.8	49.7	57.7	63.9	71.3	75.1	78.6	81.7	82.2	83.0	83.4	83.4	83.8	83.8	83.9	84.2
IV 1500	29.9	51.0	59.4	66.7	74.8	78.1	81.6	84.7	85.2	86.0	86.4	86.4	86.8	86.8	86.9	87.2
IV 1200	29.9	51.7	60.4	68.7	76.9	80.4	83.9	87.0	87.6	88.3	88.8	88.8	89.1	89.1	89.2	89.6
IV 1000	29.9	51.8	60.7	69.0	77.6	81.1	84.6	87.7	88.2	89.3	89.8	89.8	90.1	90.1	90.2	90.6
IV 900	29.9	51.8	60.7	69.0	77.6	81.1	84.6	87.7	88.2	89.3	89.8	89.8	90.1	90.1	90.2	90.6
IV 800	29.9	51.8	60.9	69.6	78.4	82.1	85.7	88.8	89.3	90.6	91.0	91.0	91.3	91.3	91.4	91.8
IV 700	29.9	51.8	60.9	69.6	78.4	82.1	85.7	89.6	90.2	91.4	91.9	91.9	92.2	92.2	92.3	92.7
IV 600	29.9	51.8	60.9	69.6	78.4	82.1	85.9	90.0	90.8	92.1	92.6	92.7	93.0	93.0	93.1	93.4
IV 500	29.9	51.8	61.0	69.8	78.7	82.3	86.8	91.0	91.8	93.3	93.9	94.1	94.4	94.4	94.6	94.9
IV 400	29.9	51.8	61.0	69.8	78.9	82.8	87.2	91.9	92.9	94.6	95.1	95.3	95.9	95.9	96.0	96.3
IV 300	29.9	51.8	61.0	69.8	78.9	82.9	87.3	92.2	93.2	95.8	96.3	96.6	97.2	97.2	97.3	97.7
IV 200	29.9	51.8	61.0	69.8	78.9	82.9	87.3	92.2	93.2	95.8	96.8	97.1	98.1	98.6	98.8	99.4
IV 00	29.9	51.8	61.0	69.8	78.9	82.9	87.3	92.2	93.2	95.8	96.8	97.1	98.2	98.7	99.0	99.7
IV 0	29.9	51.8	61.0	69.8	78.9	82.9	87.3	92.2	93.2	95.8	96.8	97.1	98.2	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.20	
NO CEILING ≥ 2000'	24.6	35.9	41.9	45.3	52.6	55.1	58.4	62.0	62.6	63.7	64.2	64.4	64.8	64.8	65.0	66.1
IV 15000 15000	24.6	35.9	41.9	45.6	52.8	55.3	58.7	62.2	62.8	63.9	64.4	64.7	65.1	65.1	65.3	66.4
IV 4000 IV 2000	24.9	36.6	42.6	46.3	53.6	56.1	59.4	63.0	63.6	64.7	65.2	65.4	65.9	65.9	66.1	67.2
IV 10000 IV 9000	26.4	38.1	44.3	48.1	55.3	57.9	61.2	64.8	65.3	66.4	67.0	67.2	67.7	67.7	67.9	69.0
IV 8000 IV 7000	27.0	38.9	45.1	48.9	56.1	58.7	62.0	65.6	66.1	67.2	67.8	68.0	68.4	68.4	68.7	69.8
IV 6000 IV 5000	27.0	39.4	45.7	49.4	56.7	59.2	62.6	66.1	66.7	67.8	68.3	68.6	69.0	69.0	69.2	70.3
IV 4500 IV 4000	27.2	40.0	46.2	50.0	57.2	59.8	63.1	66.7	67.2	68.3	68.9	69.1	69.6	69.6	69.8	70.9
IV 3500 IV 3000	28.2	41.1	47.3	51.1	58.7	61.2	64.6	68.3	68.9	70.0	70.6	70.8	71.2	71.2	71.4	72.6
IV 2500 IV 2000	28.3	42.4	49.3	53.1	60.7	63.2	66.6	70.3	70.9	72.0	72.6	72.8	73.2	73.2	73.4	74.6
IV 1800 IV 1500	28.7	44.0	51.0	54.9	62.4	65.0	68.3	72.1	72.7	73.8	74.3	74.6	75.0	75.0	75.2	76.3
IV 1200 IV 1000	28.7	45.2	52.9	56.9	64.9	67.4	71.1	74.9	75.4	76.6	77.1	77.3	77.8	77.8	78.0	79.1
IV 900 IV 800	28.7	45.7	53.3	57.4	65.6	68.1	71.9	75.7	76.2	77.3	77.9	78.1	78.6	78.6	78.8	79.9
IV 700 IV 600	28.7	46.0	53.8	58.2	66.4	69.1	72.9	76.8	77.4	78.7	79.2	79.4	79.9	79.9	80.1	81.3
IV 500 IV 400	28.7	46.3	54.6	59.2	68.2	71.4	75.4	79.3	80.8	81.7	82.4	82.4	82.8	82.8	83.0	84.1
IV 300 IV 200	28.7	46.3	54.6	59.2	68.2	71.4	75.4	79.3	80.8	81.7	82.4	82.4	82.8	82.8	83.0	84.1
IV 100 3	28.7	46.4	54.7	59.3	68.3	71.7	75.8	79.7	81.3	82.2	82.9	83.4	83.4	83.9	84.1	85.3
	28.7	46.4	54.7	59.3	68.3	71.7	75.8	79.7	81.3	82.2	82.9	83.4	83.4	83.9	84.1	85.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	29.6	35.1	37.9	40.7	45.6	48.4	51.2	54.7	55.8	58.0	58.7	59.1	59.3	59.4	60.0	60.7
≥ 20000	29.6	35.2	38.0	40.9	45.9	48.9	51.7	55.1	56.2	58.4	59.1	59.3	59.9	60.0	60.6	61.3
IV 18000	29.6	35.2	38.0	40.9	45.9	48.9	51.7	55.1	56.2	58.4	59.1	59.6	59.9	60.0	60.6	61.3
IV 16000	29.6	35.2	38.0	40.9	45.9	48.9	51.7	55.1	56.2	58.4	59.1	59.6	59.9	60.0	60.6	61.3
IV 14000	30.0	35.7	38.4	41.3	46.3	49.3	52.1	55.6	56.7	58.9	59.6	60.0	60.3	60.4	61.0	61.8
IV 12000	30.1	36.0	38.8	41.9	46.9	49.9	52.7	56.1	57.2	59.4	60.1	60.6	60.9	61.0	61.6	62.3
IV 10000	31.1	37.1	39.7	43.0	48.3	51.7	54.4	58.0	59.1	61.3	62.0	62.4	62.8	62.9	63.4	64.2
IV 9000	31.1	37.2	40.1	43.3	48.7	52.0	54.8	58.3	59.4	61.7	62.3	62.8	63.1	63.2	63.8	64.6
IV 8000	31.6	37.8	40.9	44.2	49.6	52.9	55.7	59.2	60.3	62.6	63.2	63.7	64.0	64.1	64.7	65.4
IV 7000	31.6	37.8	40.9	44.2	49.7	53.0	55.8	59.3	60.4	62.8	63.4	63.9	64.2	64.3	64.9	65.7
IV 6000	32.0	38.3	41.4	44.8	50.2	53.6	56.3	59.9	61.0	63.3	64.0	64.4	64.8	64.9	65.4	66.2
IV 5000	32.2	38.6	41.7	45.0	50.6	53.9	56.7	60.2	61.3	63.7	64.3	64.8	65.1	65.2	65.8	66.6
IV 4500	32.2	38.6	41.7	45.0	50.6	53.9	56.7	60.2	61.3	63.7	64.3	64.8	65.1	65.2	65.8	66.6
IV 4000	32.6	39.2	42.6	45.9	51.4	54.8	57.6	61.1	62.2	64.6	65.2	65.7	66.0	66.1	66.7	67.5
IV 3500	32.8	39.6	43.0	46.6	52.2	55.8	58.7	62.2	63.4	65.8	66.4	66.9	67.2	67.3	67.9	68.7
IV 3000	32.9	39.7	43.1	46.7	52.3	55.9	58.8	62.3	63.6	65.9	66.6	67.0	67.3	67.4	68.0	68.8
IV 2500	33.3	40.8	44.2	47.8	53.4	57.0	59.9	63.4	64.7	67.0	67.7	68.1	68.4	68.6	69.1	69.9
IV 2000	33.6	42.1	45.4	49.0	54.7	58.3	61.2	64.8	66.0	68.3	69.0	69.4	69.8	69.9	70.4	71.2
IV 1500	33.6	42.4	45.9	49.6	55.2	58.9	61.8	65.6	66.8	69.1	69.8	70.2	70.6	70.7	71.2	72.0
IV 1000	33.7	42.8	46.4	50.1	56.1	60.1	63.2	67.2	68.4	70.8	71.4	71.9	72.2	72.3	72.9	73.7
IV 900	33.7	43.1	46.8	50.7	56.8	60.8	63.9	67.9	69.1	71.4	72.1	72.6	72.9	73.0	73.6	74.3
IV 800	33.7	43.3	47.0	50.9	57.2	61.4	64.4	68.4	69.2	70.4	72.8	73.4	73.9	74.2	74.3	75.0
IV 700	33.7	43.3	47.0	50.9	57.2	61.6	65.0	69.4	70.7	73.0	73.7	74.1	74.4	74.6	75.2	76.1
IV 600	33.7	43.3	47.0	50.9	57.2	61.7	65.8	70.2	71.7	74.0	74.7	75.2	75.6	75.7	76.3	77.2
IV 500	33.7	43.3	47.0	50.9	57.3	62.0	66.6	71.1	72.8	75.2	75.9	76.8	77.1	77.2	77.9	78.8
IV 450	33.7	43.3	47.0	50.9	57.8	62.7	67.4	72.8	74.6	77.3	78.1	79.0	79.3	79.4	80.1	81.0
IV 400	33.7	43.3	47.1	51.0	58.0	62.9	67.9	73.1	75.2	78.3	79.4	80.6	80.9	81.0	81.8	82.7
IV 350	33.7	43.3	47.1	51.0	58.0	62.9	67.9	73.0	76.0	80.1	81.9	83.1	83.9	84.1	84.9	86.1
IV 300	33.7	43.3	47.1	51.0	58.0	62.9	67.9	73.7	78.1	80.7	83.2	85.4	87.4	88.1	89.1	90.7
IV 200	33.7	43.3	47.1	51.0	58.0	62.9	67.9	73.7	76.1	80.8	84.0	86.4	89.0	90.1	91.6	94.9
IV 100	33.7	43.3	47.1	51.0	58.0	62.9	67.9	73.7	76.1	80.8	84.0	86.6	89.1	90.3	91.8	98.3
IV 0	33.7	43.3	47.1	51.0	58.0	62.9	67.9	73.7	76.1	80.8	84.0	86.6	89.1	90.3	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

66-76,73-77

SEP

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	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	42.0	51.3	55.4	60.0	67.0	71.6	73.9	75.6	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	42.1	51.7	55.8	60.3	67.4	72.0	74.6	75.3	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	42.1	51.7	55.8	60.3	67.4	72.1	74.8	76.6	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	42.1	51.7	55.8	60.3	67.4	72.1	74.8	76.6	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	42.4	52.0	56.1	60.7	67.8	72.4	75.1	76.9	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	42.9	52.7	57.0	61.9	69.0	73.9	76.7	78.7	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	43.9	53.9	58.3	63.2	70.6	75.6	78.4	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	43.9	53.9	58.3	63.2	70.6	75.6	78.4	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	44.1	54.1	58.8	64.0	71.4	76.4	79.3	81.4	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	44.4	54.4	59.1	64.3	71.8	76.8	79.7	81.8	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	44.8	54.8	59.4	64.8	72.2	77.3	80.2	82.3	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	45.0	55.0	59.7	65.0	72.4	77.6	80.5	82.6	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	45.1	55.1	59.8	65.1	72.6	77.7	80.6	82.7	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	46.1	56.3	61.1	66.6	74.0	79.1	82.0	84.1	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	46.4	57.0	61.9	67.4	75.1	80.2	83.1	85.2	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	46.4	57.2	62.1	67.7	75.6	80.8	83.7	85.8	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	46.6	57.6	62.6	68.2	76.1	81.3	84.2	86.3	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	47.0	58.6	63.9	69.6	77.4	82.8	85.7	87.9	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	47.0	58.6	63.9	69.6	77.4	82.8	85.7	87.9	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	47.1	58.8	64.1	69.8	78.3	84.1	87.4	89.7	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	47.1	58.8	64.2	69.9	78.9	85.1	88.6	90.8	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	47.1	58.9	64.4	70.1	79.2	85.7	89.4	92.1	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	47.1	58.9	64.4	70.2	79.4	86.0	89.8	92.6	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	47.1	58.9	64.4	70.2	79.8	86.2	90.1	93.0	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	47.1	59.0	64.4	70.2	79.9	86.3	90.6	93.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	47.2	59.0	64.6	70.3	80.0	86.6	90.3	94.2	95.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	47.2	59.0	64.6	70.3	80.1	86.7	90.9	94.8	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	47.2	59.0	64.6	70.3	80.1	86.7	90.9	94.8	96.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8
≥ 300	47.2	59.0	64.6	70.3	80.1	86.7	90.9	94.8	96.3	98.7	99.0	99.2	99.2	99.2	99.2	99.2
≥ 200	47.2	59.0	64.6	70.3	80.1	86.7	90.9	94.8	96.3	98.7	99.0	99.2	99.2	99.2	99.2	99.2
≥ 100	47.2	59.0	64.6	70.3	80.1	86.7	90.9	94.8	96.3	98.7	99.0	99.2	99.2	99.2	99.2	99.2
≥ 0	47.2	59.0	64.6	70.3	80.1	86.7	90.9	94.8	96.3	98.7	99.0	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24119

MARCH AFS CA/RIVERSIDE

6-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
NO CEILING	36.3	49.0	55.3	62.1	73.4	79.4	83.9	85.3	86.3	86.6	86.5	86.6	86.6	86.6	86.6	86.6
2 20000	36.6	49.3	55.7	62.8	74.2	80.2	85.0	86.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
2 8000	36.6	49.3	55.7	62.8	74.2	80.3	85.0	86.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2 6000	36.6	49.3	55.7	62.8	74.2	80.3	85.0	86.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2 4000	37.0	49.8	56.1	63.2	74.7	80.8	85.6	87.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9
2 1700	38.2	51.1	57.6	65.2	76.9	83.1	88.0	90.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2 1300	39.4	53.1	59.6	67.2	79.0	85.2	90.1	92.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2 9000	39.4	53.1	59.6	67.2	79.0	85.2	90.1	92.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2 8000	39.7	53.3	59.8	67.4	79.2	85.4	90.3	92.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
2 7000	39.9	53.6	60.0	67.7	79.4	85.7	90.7	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2 6000	40.0	53.7	60.1	67.8	79.6	85.8	90.8	92.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2 5000	40.4	54.1	60.6	68.4	80.2	86.4	91.4	93.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2 4500	40.7	54.3	60.8	68.7	80.4	86.7	91.7	93.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2 4000	41.0	54.7	61.1	69.0	80.9	87.2	92.4	94.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
2 3500	41.3	55.2	61.6	69.7	81.6	88.0	93.2	95.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2 3000	41.4	55.4	62.0	69.9	82.1	88.6	93.8	95.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2 2500	41.4	55.6	62.1	70.1	82.3	88.8	94.0	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
2 2000	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 800	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 500	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 400	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 3000	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 2500	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 2000	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 1500	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 1000	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 800	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 600	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 400	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 300	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 200	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 100	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 0	41.4	55.6	62.1	70.2	82.3	89.3	94.7	96.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70,73-77  
PERIOD

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
TIME PERIOD

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 ≥ 2000	26.2	44.9	53.1	61.8	74.9	79.9	84.6	85.1	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4
IV 18000	26.3	45.2	53.4	62.3	76.0	81.0	85.0	86.3	87.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0
IV 16000	26.3	45.2	53.4	62.4	76.1	81.1	85.1	86.4	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3
IV 14000	27.0	46.0	54.3	63.3	77.1	82.3	86.3	87.7	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8
IV 12000	28.1	47.6	56.1	65.3	79.6	84.9	88.9	90.2	91.8	92.1	92.2	92.3	92.3	92.3	92.3	92.3
IV 10000	29.2	49.2	57.8	67.0	81.3	86.7	90.7	92.1	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2
IV 9000	29.2	49.2	57.8	67.0	81.3	86.7	90.7	92.1	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2
IV 8000	29.4	49.4	58.0	67.2	81.6	86.9	90.9	92.4	94.0	94.3	94.4	94.6	94.6	94.6	94.6	94.6
IV 7000	30.2	50.2	58.8	68.0	82.3	87.7	91.7	93.2	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3
IV 6000	30.4	50.4	59.0	68.2	82.6	87.9	91.9	93.4	95.0	95.3	95.4	95.6	95.6	95.6	95.6	95.6
IV 5000	31.0	51.0	59.6	68.8	83.2	88.6	92.7	94.2	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3
IV 4500	31.0	51.0	59.6	68.8	83.2	88.6	92.7	94.2	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3
IV 4000	31.3	51.6	60.1	69.3	83.9	89.2	93.4	95.1	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2
IV 3500	31.4	51.8	60.3	69.5	84.7	90.0	94.3	96.0	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1
IV 3000	31.6	51.9	60.4	70.0	85.0	90.4	94.8	96.4	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7
IV 2500	31.6	51.9	60.4	70.0	85.1	90.6	95.0	96.8	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0
IV 2000	31.6	51.9	60.4	70.0	85.1	90.6	95.0	96.8	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0
IV 1800	31.6	51.9	60.4	70.0	85.1	90.6	95.0	96.8	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0
IV 1500	31.8	52.2	60.8	70.3	85.4	90.9	95.3	97.1	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3
IV 1200	31.8	52.2	60.8	70.3	85.4	90.9	95.3	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6
IV 1000	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 900	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 800	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 700	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 600	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 500	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	31.8	52.2	60.8	70.3	85.6	91.2	95.7	97.6	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110 MARCH AFB CA/RIVERSIDE

66-70273-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1600-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≤ 1/8	≤ 1/16	≤ 1/32	≤ 1/64	≤ 1/128	≤ 0
NO CEILING	35.6	56.7	64.2	71.1	80.6	83.3	86.0	87.0	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 20000	35.6	57.0	64.7	71.8	81.3	84.1	86.8	87.8	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 15000	35.8	57.0	64.7	71.8	81.3	84.1	86.8	87.8	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 14000	36.3	57.6	65.6	72.7	82.2	85.0	87.7	88.7	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 13000	37.1	58.8	66.8	73.9	83.4	86.2	88.9	89.9	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 12000	37.8	59.8	68.0	75.1	84.9	87.7	90.3	91.3	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 11000	38.0	60.0	68.2	75.3	85.1	87.9	90.6	91.6	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 10000	38.1	60.7	68.9	76.0	85.0	88.6	91.2	92.3	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 9000	38.2	60.8	69.0	76.3	86.1	88.7	91.6	92.8	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 8000	38.8	61.3	69.6	76.9	86.7	89.4	92.1	93.3	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 7000	38.9	61.7	69.9	77.2	87.0	89.8	92.4	93.7	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 6000	39.0	61.8	70.0	77.3	87.2	90.0	92.7	93.9	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 5000	39.4	62.4	70.7	78.0	87.9	90.7	93.3	94.6	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 4500	39.6	63.0	71.3	78.8	88.9	91.7	94.3	95.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4000	39.6	63.1	71.4	79.0	89.2	92.0	94.7	96.0	96.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 3500	39.7	63.2	71.6	79.1	89.3	92.1	94.8	96.1	97.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	39.8	63.6	72.0	79.6	89.8	92.6	95.2	96.6	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 2500	39.8	63.6	72.0	79.6	89.8	92.6	95.2	96.6	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	39.8	63.6	72.2	79.8	90.1	93.0	95.8	97.1	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 1600	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 1400	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	39.8	63.6	72.2	79.8	90.2	93.1	95.9	97.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	31.4	55.6	64.1	69.2	76.6	78.9	81.7	82.0	82.6	83.2	83.4	83.4	83.4	83.4	83.4
≥ 2000	31.6	55.9	64.6	69.7	77.3	79.8	82.6	82.9	83.4	84.6	84.7	84.7	84.7	84.7	84.7
≥ 1800	31.6	55.9	64.6	69.7	77.3	79.8	82.6	82.9	83.4	84.6	84.7	84.7	84.7	84.7	84.7
IV 1600	31.6	55.9	64.6	69.7	77.3	79.8	82.6	82.9	83.4	84.6	84.7	84.7	84.7	84.7	84.7
IV 1400	31.7	56.1	64.8	70.2	77.9	80.3	83.1	83.4	84.0	85.4	85.6	85.6	85.6	85.6	85.6
IV 1200	32.3	57.2	65.9	71.3	79.0	81.4	84.2	84.6	85.1	86.6	86.7	86.7	86.7	86.7	86.7
IV 1000	32.3	57.4	66.2	71.7	79.6	82.0	84.8	85.1	85.7	87.1	87.2	87.2	87.2	87.2	87.2
IV 900	32.3	57.4	66.2	71.7	79.6	82.0	84.8	85.1	85.7	87.1	87.2	87.2	87.2	87.2	87.2
IV 800	32.7	57.8	66.7	72.1	80.0	82.4	85.2	85.7	86.2	87.7	87.8	87.8	87.8	87.8	87.8
IV 700	32.8	58.0	67.1	72.6	80.4	82.9	85.7	86.1	86.8	88.2	88.3	88.3	88.3	88.3	88.3
IV 600	33.3	58.7	67.8	73.2	81.1	83.6	86.3	86.8	87.4	88.9	89.0	89.0	89.0	89.0	89.0
IV 500	33.3	58.7	67.8	73.2	81.1	83.6	86.3	86.8	87.4	88.9	89.0	89.0	89.0	89.0	89.0
IV 4500	33.3	58.8	67.9	73.3	81.2	83.7	86.4	86.9	87.6	89.1	89.2	89.2	89.2	89.2	89.2
IV 4000	33.3	59.1	68.2	73.7	81.6	84.0	86.8	87.2	87.9	89.4	89.6	89.6	89.6	89.6	89.6
IV 3500	33.6	59.6	68.7	74.1	82.0	84.4	87.2	87.7	88.3	89.9	90.0	90.0	90.0	90.0	90.0
IV 3000	34.0	60.2	69.4	75.0	83.0	85.4	88.2	88.7	89.3	90.9	91.0	91.0	91.0	91.0	91.0
IV 2500	34.4	61.1	70.3	76.0	84.1	86.6	89.3	89.8	90.4	92.0	92.1	92.1	92.1	92.1	92.1
IV 2000	34.7	61.7	71.0	76.8	84.9	87.3	90.1	90.6	91.2	92.8	93.0	93.1	93.1	93.1	93.1
IV 1800	34.7	62.1	71.4	77.2	85.3	87.8	90.6	91.0	91.7	93.4	93.6	93.6	93.6	93.6	93.6
IV 1500	34.9	62.8	72.2	78.9	87.0	89.4	92.2	92.8	93.4	95.2	95.3	95.3	95.3	95.3	95.3
IV 1200	34.9	63.1	72.9	79.7	88.0	90.4	93.2	93.8	94.4	96.2	96.3	96.3	96.3	96.3	96.3
IV 1000	34.9	63.1	73.0	79.8	88.3	90.8	93.6	94.1	94.8	96.6	96.7	96.7	96.7	96.7	96.7
IV 900	34.9	63.2	73.2	80.0	88.6	91.0	93.8	94.3	95.0	96.8	96.9	96.9	96.9	96.9	96.9
IV 800	34.9	63.4	73.6	80.3	88.9	91.3	94.2	94.8	95.4	97.2	97.3	97.3	97.3	97.3	97.3
IV 700	34.9	63.4	73.7	80.4	89.1	91.6	94.4	95.1	95.8	97.7	98.0	98.0	98.0	98.0	98.0
IV 600	34.9	63.4	73.7	80.4	89.1	91.6	94.7	95.6	96.2	98.1	98.4	98.4	98.4	98.4	98.4
IV 500	34.9	63.4	73.7	80.4	89.1	91.7	94.8	95.7	96.3	98.2	98.6	98.6	98.6	98.6	98.6
IV 400	34.9	63.4	73.7	80.4	89.1	91.7	94.8	96.1	97.0	98.9	99.2	99.2	99.2	99.2	99.2
IV 300	34.9	63.4	73.7	80.4	89.1	91.7	94.8	96.1	97.0	98.9	99.2	99.2	99.2	99.2	99.2
IV 200	34.9	63.4	73.7	80.4	89.1	91.8	94.9	96.2	97.1	99.1	99.5	99.5	99.5	99.5	99.5
IV 100	34.9	63.4	73.7	80.4	89.1	91.8	94.9	96.2	97.1	99.1	99.9	99.9	99.9	99.9	100.0
IV 0	34.9	63.4	73.7	80.4	89.1	91.8	94.9	96.2	97.1	99.1	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	21.5	46.5	52.8	58.3	66.7	70.3	73.6	75.5	76.2	77.0	77.3	77.3	77.4	77.4	77.5	77.8
≥ 20000	31.6	46.7	53.1	58.7	67.3	71.0	74.3	76.3	77.1	77.9	78.1	78.2	78.3	78.4	78.5	78.8
IV 1800	31.6	46.7	53.1	58.7	67.3	71.0	74.3	76.3	77.1	77.9	78.2	78.3	78.4	78.4	78.5	78.8
IV 1500	31.6	46.7	53.1	58.7	67.3	71.0	74.3	76.3	77.1	78.0	78.2	78.3	78.4	78.5	78.6	78.8
IV 1400	32.0	47.2	53.6	59.3	67.9	71.7	75.0	77.1	77.9	78.8	79.1	79.2	79.3	79.3	79.4	79.7
IV 2000	32.7	48.2	54.8	60.6	69.3	73.2	76.5	78.6	79.4	80.4	80.6	80.7	80.8	80.8	81.0	81.2
IV 10000	33.5	49.2	55.8	61.8	70.6	74.5	77.8	80.0	80.8	81.8	82.0	82.1	82.2	82.2	82.3	82.6
IV 9000	33.6	49.3	56.0	61.9	70.8	74.7	78.0	80.2	81.0	81.9	82.2	82.3	82.4	82.4	82.5	82.8
IV 8000	33.8	49.7	56.4	62.4	71.3	75.2	78.5	80.7	81.5	82.5	82.7	82.8	82.9	83.0	83.1	83.3
IV 7000	34.0	50.0	56.7	62.7	71.5	75.5	78.9	81.1	81.9	82.9	83.1	83.2	83.4	83.4	83.5	83.8
IV 6000	34.2	50.4	57.2	63.2	72.1	76.0	79.3	81.5	82.4	83.4	83.6	83.7	83.8	83.8	84.0	84.2
IV 5000	34.6	50.7	57.5	63.5	72.5	76.3	79.7	81.9	82.8	83.8	84.0	84.1	84.3	84.3	84.4	84.7
IV 4500	34.6	50.8	57.6	63.6	72.5	76.4	79.8	82.0	82.9	83.9	84.1	84.2	84.3	84.3	84.5	84.7
IV 4000	35.0	51.4	58.2	64.2	73.2	77.1	80.5	82.8	83.6	84.6	84.8	84.9	85.1	85.1	85.2	85.5
IV 3500	35.3	51.8	58.6	64.8	73.9	77.8	81.3	83.5	84.4	85.4	85.6	85.7	85.9	85.9	86.0	86.3
IV 3000	35.4	52.1	59.0	65.2	74.4	78.4	81.9	84.1	85.0	86.0	86.3	86.4	86.5	86.5	86.6	86.9
IV 2500	35.6	52.7	59.7	65.9	75.2	79.1	82.6	84.8	85.7	86.7	87.0	87.1	87.2	87.2	87.3	87.6
IV 2000	35.8	53.3	60.3	66.6	76.0	80.0	83.5	85.8	86.7	87.7	87.9	88.0	88.2	88.2	88.3	88.6
IV 1800	35.8	53.5	60.5	66.9	76.2	80.3	83.8	86.1	87.0	88.0	88.3	88.4	88.5	88.5	88.7	88.9
IV 1500	35.9	54.0	61.3	67.0	77.4	81.6	85.2	87.6	88.5	89.5	89.8	89.9	90.0	90.1	90.2	90.4
IV 1200	35.9	54.2	61.6	68.3	78.1	82.3	86.0	88.4	89.3	90.3	90.6	90.7	90.8	90.8	91.0	91.2
IV 1000	35.9	54.3	61.7	68.5	78.4	82.8	86.5	89.0	90.0	91.1	91.4	91.5	91.6	91.6	91.8	92.1
IV 900	35.9	54.3	61.8	68.6	78.5	82.9	86.6	89.2	90.1	91.4	91.6	91.7	91.9	91.9	92.0	92.3
IV 800	35.9	54.3	61.9	68.7	78.5	83.2	87.1	89.7	90.7	92.0	92.3	92.4	92.5	92.5	92.7	93.0
IV 700	35.9	54.3	61.9	68.8	78.9	83.3	87.3	90.1	91.2	92.6	92.9	93.1	93.2	93.2	93.3	93.7
IV 600	35.9	54.4	62.0	68.8	79.0	83.5	87.6	90.7	91.8	93.3	93.6	93.8	93.9	94.0	94.1	94.4
IV 500	35.9	54.4	62.0	68.9	79.1	83.7	87.9	91.0	92.2	93.8	94.3	94.5	94.7	94.7	94.8	95.1
IV 400	35.9	54.4	62.0	68.9	79.1	83.7	88.0	91.3	92.7	94.6	95.1	95.4	95.6	95.7	95.8	96.2
IV 300	35.9	54.4	62.0	68.9	79.1	83.8	88.1	91.4	92.8	95.1	95.8	96.2	96.7	96.8	97.0	97.4
IV 200	35.9	54.4	62.0	68.9	79.2	83.8	88.1	91.5	92.9	95.2	96.1	96.6	97.2	97.5	97.8	98.6
IV 100	35.9	54.4	62.0	68.9	79.2	83.8	88.1	91.5	92.9	95.2	96.1	96.6	97.3	97.6	98.0	99.5
IV 0	35.9	54.4	62.0	68.9	79.2	83.8	88.1	91.5	92.9	95.2	96.1	96.6	97.3	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

66-70,73-77  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS)

0000-0200  
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥0	
NO CEILING	29.4	42.0	46.3	50.4	57.9	60.6	64.8	67.8	69.1	71.2	72.1	72.3	73.0	73.2	73.3	74.6
≥ 20000	29.8	42.7	47.0	51.1	58.7	61.4	65.6	68.7	70.0	72.1	73.1	73.3	74.0	74.2	74.3	75.6
IV 18000	29.8	42.7	47.0	51.1	58.7	61.4	65.6	68.7	70.0	72.1	73.1	73.3	74.0	74.2	74.3	75.6
IV 16000	29.8	42.7	47.0	51.1	58.7	61.4	65.6	68.7	70.0	72.1	73.1	73.3	74.3	74.5	74.6	75.9
IV 14000	29.9	42.9	47.3	51.3	58.9	61.6	65.8	68.9	70.2	72.3	73.3	73.5	74.5	74.7	74.8	76.1
IV 12000	29.9	42.9	47.4	51.5	59.1	61.9	66.1	69.2	70.5	72.7	73.6	73.8	74.8	75.0	75.1	76.4
IV 10000	30.1	43.2	47.6	51.9	59.7	62.9	67.2	70.3	71.6	73.7	74.7	74.9	75.9	76.1	76.2	77.5
IV 9000	30.1	43.3	47.7	52.0	59.8	63.0	67.3	70.4	71.7	73.8	74.8	75.0	76.0	76.2	76.3	77.6
IV 8000	30.2	43.4	47.8	52.1	60.0	63.1	67.4	70.5	71.8	74.0	74.9	75.1	76.1	76.3	76.4	77.7
IV 7000	30.5	43.9	48.3	52.6	60.5	63.6	67.9	71.0	72.3	74.5	75.5	75.7	76.6	76.9	77.0	78.3
IV 6000	30.8	44.6	49.0	53.3	61.2	64.4	68.7	71.8	73.1	75.2	76.2	76.4	77.4	77.6	77.7	79.0
IV 5000	30.9	44.8	49.2	53.5	61.8	64.9	69.2	72.3	73.6	75.8	76.7	77.0	77.9	78.1	78.3	79.5
IV 4500	30.9	44.8	49.2	53.5	61.8	64.9	69.2	72.3	73.6	75.8	76.7	77.0	77.9	78.1	78.3	79.5
IV 4000	30.9	45.0	49.5	53.8	62.1	65.2	69.5	72.7	74.0	76.1	77.1	77.3	78.3	78.5	78.6	79.9
IV 3500	30.9	45.3	49.8	54.3	62.5	65.7	70.0	73.1	74.4	76.5	77.5	77.7	78.7	78.9	79.0	80.3
IV 3000	31.1	46.2	50.8	55.5	63.8	67.0	71.4	74.5	75.8	77.9	78.9	79.1	80.1	80.3	80.4	81.7
IV 2500	31.5	46.9	51.9	56.7	65.0	68.1	72.8	75.9	77.2	79.3	80.3	80.5	81.5	81.7	81.8	83.1
IV 2000	31.5	47.8	53.1	58.2	67.3	70.5	75.1	78.3	79.5	81.7	82.7	82.9	83.9	84.1	84.2	85.5
IV 1800	31.9	48.9	54.5	59.8	68.9	72.1	76.7	79.9	81.2	83.3	84.3	84.5	85.5	85.7	85.8	87.1
IV 1500	31.9	49.3	55.3	60.8	70.0	73.3	77.9	81.1	82.3	84.5	85.5	85.7	86.7	86.9	87.0	88.3
IV 1200	31.9	49.4	55.5	61.4	70.7	74.1	78.8	81.9	83.2	85.4	86.3	86.5	87.5	87.7	87.8	89.1
IV 1000	32.0	49.5	56.0	61.9	71.5	75.1	79.9	83.0	84.3	86.4	87.4	87.6	88.6	88.8	88.9	90.2
IV 900	32.0	49.7	56.5	62.4	72.0	75.9	80.8	84.0	85.3	87.5	88.5	88.7	89.7	89.9	90.0	91.3
IV 800	32.0	49.7	56.5	62.4	72.3	76.5	81.5	84.7	86.0	88.4	89.3	89.6	90.5	90.7	90.9	92.1
IV 700	32.0	49.7	56.5	62.4	72.4	76.6	81.6	85.0	86.3	88.8	89.8	90.0	91.0	91.2	91.3	92.6
IV 600	32.0	49.7	56.5	62.4	72.6	76.9	81.8	85.3	86.5	89.2	90.5	90.7	91.7	91.9	92.0	93.3
IV 500	32.0	49.7	56.5	62.4	72.6	77.6	82.7	86.4	88.1	91.1	92.6	92.8	93.8	94.0	94.1	95.4
IV 400	32.0	49.7	56.5	62.4	72.8	77.8	82.9	86.7	88.4	91.6	93.1	93.3	94.4	94.6	94.8	96.2
IV 300	32.0	49.8	56.6	62.5	72.9	77.9	83.1	87.1	88.8	92.0	93.5	93.8	94.9	95.2	95.4	96.9
IV 200	32.0	49.8	56.6	62.5	72.9	77.9	83.1	87.2	88.9	92.7	94.3	94.5	95.8	96.1	96.4	98.2
IV 100	32.0	49.8	56.6	62.5	72.9	77.9	83.1	87.2	89.3	92.7	94.3	94.5	95.8	96.3	96.9	99.6
IV 0	32.0	49.8	56.6	62.5	72.9	77.9	82.1	87.2	89.3	92.7	94.3	94.5	95.8	96.3	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

65-70,73-77

0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

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	28.1	39.9	43.9	46.9	52.7	54.1	57.1	59.8	60.9	62.7	63.3	63.7	64.2	64.4	64.7	67.3
≥ 2000	28.4	40.2	44.2	47.2	53.0	54.4	57.4	60.1	60.9	63.0	63.7	64.0	64.5	64.7	65.1	67.6
≥ 8000	28.4	40.2	44.2	47.2	53.0	54.4	57.4	60.1	60.9	63.0	63.7	64.0	64.5	64.7	65.1	67.6
≥ 6000	28.6	40.4	44.4	47.4	53.2	54.6	57.6	60.3	61.1	63.2	63.9	64.2	64.9	65.2	65.5	68.2
≥ 4000	28.6	40.4	44.4	47.4	53.2	54.6	57.6	60.3	61.1	63.2	63.9	64.2	64.9	65.2	65.5	68.2
≥ 2000	28.8	40.6	44.6	47.6	53.5	55.2	58.2	60.9	61.6	63.8	64.4	64.7	65.5	65.7	66.0	68.8
≥ 9000	29.0	41.0	45.3	48.3	54.3	55.9	59.1	61.8	62.6	64.7	65.4	65.7	66.5	66.7	67.0	69.8
≥ 7000	29.0	41.0	45.3	48.3	54.3	55.9	59.1	61.8	62.6	64.7	65.4	65.7	66.5	66.7	67.0	69.8
≥ 8000	29.0	41.1	45.6	48.6	54.6	56.2	59.5	62.2	62.9	65.1	65.7	66.0	66.8	67.0	67.3	70.1
≥ 7000	29.4	41.4	45.9	48.9	54.9	56.6	59.8	62.5	63.2	65.4	66.0	66.3	67.1	67.3	67.6	70.4
≥ 6000	29.4	41.5	46.0	49.0	55.1	57.0	60.2	62.9	63.7	65.8	66.5	66.8	67.5	67.7	68.1	70.9
≥ 5000	29.4	41.5	46.0	49.0	55.2	57.1	60.3	63.0	63.8	65.9	66.6	66.9	67.6	67.8	68.2	71.0
≥ 4500	29.5	41.6	46.1	49.1	55.3	57.2	60.4	63.1	63.9	66.0	66.7	67.0	67.7	68.0	68.3	71.1
≥ 4000	29.5	41.7	46.3	49.6	55.8	57.7	61.0	63.7	64.4	66.6	67.2	67.5	68.2	68.5	68.8	71.6
≥ 3500	29.5	41.9	46.6	49.8	56.0	58.0	61.2	63.9	64.6	66.8	67.4	67.7	68.5	68.7	69.0	71.8
≥ 3000	29.8	42.5	47.2	50.8	57.1	59.0	62.3	64.9	65.7	68.0	68.6	68.9	69.7	69.9	70.2	73.0
≥ 2500	30.0	43.7	48.6	52.4	58.8	60.9	64.1	66.8	67.5	69.8	70.4	70.8	71.5	71.7	72.0	74.8
≥ 2000	30.2	45.3	50.5	54.3	61.1	63.4	66.7	69.4	70.1	72.4	73.0	73.3	74.1	74.3	74.6	77.4
≥ 1800	30.3	45.7	51.1	54.8	61.7	64.1	67.3	70.0	70.8	73.0	73.7	74.0	74.7	74.9	75.3	78.1
≥ 1500	30.4	46.6	52.4	56.2	63.5	65.9	69.1	71.8	72.6	74.8	75.5	75.8	76.6	76.8	77.1	79.9
≥ 200	30.4	46.6	52.6	56.6	64.0	66.3	69.6	72.3	73.1	75.4	76.0	76.3	77.1	77.3	77.6	80.4
≥ 1000	30.4	46.6	52.9	57.1	64.9	67.6	71.1	73.8	74.6	76.9	77.5	77.8	78.6	78.8	79.1	81.9
≥ 900	30.4	46.6	53.0	57.2	65.4	68.3	71.8	75.1	76.0	78.3	78.9	79.2	80.0	80.2	80.5	83.3
≥ 800	30.4	46.6	53.0	57.2	65.7	68.7	72.3	75.7	76.8	79.0	79.7	80.0	80.8	81.0	81.3	84.1
≥ 700	30.4	46.6	53.1	57.4	66.2	69.2	72.8	76.2	77.3	79.6	80.2	80.5	81.3	81.5	81.8	84.6
≥ 600	30.4	46.6	53.2	57.5	66.9	70.0	74.0	77.4	78.5	81.1	82.2	82.5	83.2	83.4	83.8	86.6
≥ 500	30.4	46.6	53.2	57.5	67.1	70.5	74.6	78.1	79.1	81.8	82.9	83.2	84.0	84.2	84.5	87.4
≥ 400	30.4	46.6	53.4	57.7	67.5	71.0	75.2	78.6	79.8	82.7	83.8	84.1	84.8	85.1	85.6	88.7
≥ 300	30.4	46.6	53.4	57.7	67.6	71.1	75.3	79.0	80.2	83.4	84.6	85.2	86.1	86.3	86.9	90.0
≥ 200	30.4	46.6	53.4	57.7	67.6	71.1	75.3	79.1	80.3	83.9	85.1	85.7	87.2	87.6	88.2	92.3
≥ 100	30.4	46.6	53.4	57.7	67.6	71.1	75.3	79.1	80.3	83.9	85.1	85.7	87.4	88.2	89.0	96.2
≥ 0	30.4	46.6	53.4	57.8	67.7	71.2	75.4	79.2	80.4	84.0	85.2	85.8	87.5	88.3	89.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0900

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	
NO CEILING	32.9	37.8	39.8	41.7	43.8	48.5	51.4	53.2	54.8	56.7	58.8	59.4	59.8	50.1	60.2	62.0
≥2000	33.5	38.6	40.6	42.7	46.9	50.0	51.0	54.8	56.6	59.4	60.9	61.4	61.8	62.2	62.4	65.0
1800	33.5	38.6	40.6	42.7	46.9	50.0	53.0	54.8	56.6	58.4	60.9	61.4	61.8	62.2	62.4	65.0
1600	33.8	38.8	40.9	42.9	47.1	50.2	53.2	55.1	56.8	58.6	61.1	61.6	62.2	62.5	62.7	65.0
1400	34.0	39.0	41.1	43.1	47.3	50.4	53.4	55.3	57.1	58.9	61.4	61.9	62.6	62.9	63.1	65.0
1200	34.2	39.2	41.4	43.5	47.7	50.9	53.9	55.8	57.6	59.5	61.9	62.6	63.2	63.5	63.8	66.0
1000	34.9	40.1	42.3	44.6	48.8	51.9	55.3	57.2	59.0	61.2	63.7	64.3	64.9	65.3	65.5	68.0
900	35.1	40.2	42.4	44.9	49.1	52.3	55.6	57.5	59.4	61.5	64.0	64.6	65.3	65.6	65.8	68.0
800	35.1	40.2	42.4	44.9	49.2	52.4	55.6	57.7	59.6	61.7	64.2	64.8	65.5	65.8	66.0	68.0
700	35.1	40.2	42.4	44.9	49.3	52.6	55.8	58.1	59.9	62.0	64.5	65.2	65.8	66.1	66.3	69.0
600	35.4	40.6	42.8	45.4	49.9	53.1	56.8	58.8	60.6	62.6	65.3	65.9	66.6	66.9	67.1	69.0
500	35.4	40.6	42.8	45.4	49.9	53.1	56.8	58.8	60.6	62.8	65.3	65.9	66.6	66.9	67.1	69.0
450	35.4	40.6	42.8	45.4	49.9	53.1	56.8	58.8	60.6	62.8	65.3	65.9	66.6	66.9	67.1	69.0
400	35.4	40.8	43.0	45.6	50.2	53.4	57.4	59.5	61.4	63.5	66.0	66.7	67.3	67.6	67.8	70.0
350	35.4	40.8	43.0	45.6	50.3	53.7	57.6	59.7	61.6	63.8	66.2	66.9	67.5	67.8	68.1	70.0
300	35.6	41.2	43.5	46.5	51.3	54.7	58.7	60.8	62.7	64.8	67.3	68.0	68.6	68.9	69.1	71.0
250	35.9	42.6	45.2	48.3	53.3	56.9	60.9	63.0	65.2	67.3	69.8	70.4	71.1	71.4	71.6	74.0
200	36.2	43.5	46.2	49.6	55.1	58.8	62.9	65.4	67.5	69.7	72.2	72.8	73.4	73.8	74.0	76.0
1800	36.3	43.9	46.7	50.1	55.8	59.8	63.9	66.3	68.5	70.6	73.1	73.8	74.4	74.7	74.9	77.0
1500	36.3	44.0	46.8	50.6	56.9	61.1	65.3	67.8	70.0	72.3	74.7	75.4	76.1	76.5	76.8	79.0
1200	36.5	44.1	47.2	51.5	58.4	62.7	67.1	69.7	72.0	74.4	76.9	77.5	78.3	78.6	78.9	81.0
1000	36.5	44.1	47.4	51.8	58.9	63.3	67.8	70.8	73.1	75.5	78.0	78.7	79.5	79.8	80.1	82.0
900	36.5	44.1	47.4	52.0	59.4	64.2	68.7	71.9	74.3	76.7	79.1	80.0	80.8	81.1	81.4	84.0
800	36.6	44.2	47.5	52.2	59.5	64.3	68.8	72.0	74.4	76.8	79.4	80.2	81.0	81.3	81.6	84.0
700	36.6	44.2	47.5	52.3	59.6	64.5	69.0	72.7	75.2	77.6	80.2	81.1	81.8	82.2	82.5	85.0
600	36.6	44.2	47.5	52.3	59.7	64.8	69.7	73.5	76.0	78.5	81.5	82.4	83.1	83.4	83.8	86.0
500	36.6	44.2	47.5	52.3	59.7	64.8	69.9	73.8	76.3	79.0	82.2	83.2	84.2	84.5	84.9	88.0
400	36.6	44.3	47.6	52.4	59.8	65.1	70.4	74.3	77.0	80.3	83.8	84.9	86.0	86.7	87.5	91.0
300	36.6	44.3	47.6	52.4	59.8	65.1	70.4	74.4	77.1	80.5	84.0	85.8	87.0	87.8	89.4	93.0
200	36.6	44.3	47.6	52.4	59.8	65.1	70.4	74.4	77.1	80.5	84.0	85.9	87.2	88.3	90.4	97.0
100	36.6	44.3	47.6	52.4	59.8	65.1	70.4	74.4	77.1	80.5	84.0	85.9	87.2	88.3	90.4	97.0
0	36.6	44.3	47.6	52.4	59.8	65.1	70.4	74.4	77.1	80.5	84.0	85.9	87.2	88.3	90.6	100.0

TOTAL NUMBER OF OBSERVATIONS 931

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

65-70,73-77

261

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	46.5	53.7	57.6	60.6	64.9	68.9	70.2	71.5	72.0	72.7	73.1	73.1	73.2	73.2	73.2	73.2
≥7000	48.5	55.7	60.1	63.3	68.1	72.4	73.8	75.2	75.7	76.5	76.9	76.9	77.0	77.0	77.0	77.0
≥5000	48.5	55.7	60.1	63.3	68.1	72.4	73.8	75.2	75.7	76.5	76.9	76.9	77.0	77.0	77.0	77.0
≥4000	48.5	55.7	60.1	63.3	68.2	72.5	73.9	75.5	76.0	76.8	77.2	77.2	77.3	77.3	77.3	77.3
≥3000	48.6	55.8	60.3	63.5	68.5	72.8	74.2	75.8	76.3	77.2	77.6	77.6	77.7	77.7	77.7	77.7
≥2000	48.8	56.1	60.6	63.9	69.0	73.4	74.8	76.6	77.1	78.0	78.4	78.4	78.5	78.5	78.5	78.5
≥1000	49.7	57.1	61.7	64.9	70.2	74.6	76.0	78.0	78.5	79.5	79.9	79.9	80.0	80.0	80.0	80.0
≥900	49.8	57.3	62.0	65.3	70.5	74.9	76.3	78.3	78.8	79.8	80.2	80.2	80.3	80.3	80.3	80.3
≥800	50.0	57.8	62.7	66.1	71.5	76.1	77.5	79.5	80.0	81.0	81.4	81.4	81.5	81.5	81.5	81.5
≥700	50.0	57.8	62.7	66.2	71.8	76.5	77.8	79.8	80.3	81.3	81.7	81.7	81.8	81.8	81.8	81.8
≥600	50.1	58.1	63.0	66.6	72.2	76.8	78.2	80.1	80.6	81.6	82.0	82.0	82.2	82.2	82.2	82.2
≥500	50.4	58.4	63.3	66.9	72.5	77.2	78.7	80.6	81.2	82.3	82.7	82.7	82.8	82.8	82.8	82.8
≥450	50.4	58.4	63.3	66.9	72.5	77.2	78.7	80.6	81.3	82.4	82.8	82.8	82.9	82.9	82.9	82.9
≥400	50.4	59.0	64.0	67.5	73.2	78.0	79.5	81.5	82.2	83.2	83.7	83.7	83.8	83.8	83.8	83.8
≥350	50.9	59.6	64.5	68.2	74.2	79.0	80.5	82.6	83.2	84.3	84.7	84.7	84.8	84.8	84.8	84.8
≥300	51.6	61.3	66.2	70.2	76.3	81.3	83.0	85.1	85.7	86.8	87.2	87.2	87.3	87.3	87.3	87.3
≥250	52.2	62.3	67.3	71.3	77.4	82.5	84.2	86.5	87.1	88.2	88.6	88.6	88.7	88.7	88.7	88.7
≥200	52.5	62.7	68.6	72.7	79.1	84.4	86.1	88.5	89.1	90.2	90.6	90.6	90.8	90.8	90.8	90.8
≥180	52.6	62.9	68.8	73.0	79.5	84.9	86.7	89.0	89.7	90.8	91.2	91.2	91.3	91.3	91.3	91.3
≥150	53.0	63.4	69.5	74.0	80.9	87.0	89.7	91.1	91.7	92.8	93.2	93.2	93.3	93.3	93.3	93.3
≥120	53.0	63.5	69.7	74.2	81.2	87.3	89.0	91.4	92.2	93.2	93.7	93.7	93.8	93.9	93.9	93.9
≥100	53.1	63.8	70.0	74.5	81.8	88.4	90.3	92.8	93.7	94.7	95.3	95.4	95.5	95.5	95.5	95.5
≥90	53.1	63.8	70.0	74.5	81.8	88.5	90.5	93.0	94.0	95.4	95.9	96.0	96.1	96.1	96.1	96.1
≥80	53.1	63.8	70.0	74.5	81.8	88.7	90.8	93.3	94.3	95.8	96.2	96.5	96.6	96.6	96.6	96.6
≥70	53.1	63.8	70.0	74.5	81.8	88.8	91.0	93.5	94.7	96.3	96.9	97.0	97.2	97.2	97.2	97.2
≥60	53.1	63.9	70.1	74.6	81.9	88.9	91.2	93.8	95.1	96.8	97.4	97.5	97.7	97.7	97.7	97.7
≥50	53.1	63.9	70.1	74.6	81.9	88.9	91.2	93.8	95.1	96.8	97.7	98.0	98.3	98.4	98.4	98.4
≥40	53.1	63.9	70.1	74.6	81.9	88.9	91.3	93.9	95.2	97.0	97.8	98.4	98.8	98.9	98.9	98.9
≥30	53.1	63.9	70.1	74.6	81.9	88.9	91.3	93.9	95.2	97.0	98.0	98.4	98.8	99.4	99.4	99.7
≥20	53.1	63.9	70.1	74.6	81.9	88.9	91.3	93.9	95.2	97.0	98.0	98.4	98.8	99.4	99.5	100.0
≥10	53.1	63.9	70.1	74.6	81.9	88.9	91.3	93.9	95.2	97.0	98.0	98.4	98.8	99.4	99.5	100.0
≥0	53.1	63.9	70.1	74.6	81.9	88.9	91.3	93.9	95.2	97.0	98.0	98.4	98.8	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

06-70, 73-77

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	48.6	57.3	61.2	64.2	70.1	74.3	77.4	79.0	79.4	80.1	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	51.3	60.6	64.9	68.4	74.8	79.1	82.5	84.1	84.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 18000	51.5	60.9	65.2	68.6	75.1	79.4	82.7	84.3	84.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	51.6	61.0	65.3	68.7	75.2	79.5	82.8	84.4	84.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	51.6	61.1	65.4	68.8	75.3	79.6	83.1	84.7	85.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	52.2	61.8	66.1	69.5	76.3	80.8	84.3	85.9	86.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	52.8	62.5	66.9	70.4	77.3	81.7	85.3	86.9	87.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	52.8	62.5	66.9	70.4	77.3	81.7	85.3	86.9	87.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	53.5	63.5	68.1	71.6	78.5	82.9	86.5	88.1	88.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	53.5	63.7	68.3	71.8	78.9	83.4	87.0	88.6	88.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	53.5	63.7	68.4	71.9	79.0	83.7	87.2	88.8	89.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	54.0	64.4	69.1	72.7	79.8	84.5	88.1	89.7	90.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	54.0	64.4	69.1	72.7	79.8	84.5	88.1	89.7	90.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	54.8	65.7	70.5	74.1	81.2	85.9	89.6	91.2	91.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	55.7	66.6	71.4	75.2	82.6	87.3	91.1	92.8	93.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	57.1	68.0	72.8	76.8	84.3	89.1	92.9	94.6	94.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	57.4	68.4	73.2	77.2	84.9	89.9	93.7	95.4	95.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	57.4	68.6	73.5	77.6	85.6	90.5	94.4	96.1	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	57.4	68.6	73.5	77.6	85.8	90.8	94.6	96.3	96.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	57.3	68.7	73.7	78.0	86.3	91.4	95.5	97.3	97.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.5	68.7	73.7	78.0	86.3	91.4	95.5	97.4	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 950

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

65-70, 73-77

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	25	22	27	21	24	21	24	21	21	25	21	20
NO CEILING	38.2	48.2	52.2	57.0	65.8	73.0	78.8	82.2	83.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
2000	39.5	49.9	54.0	58.9	68.0	75.8	81.8	85.2	86.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
1800	39.6	50.1	54.2	59.1	68.2	76.0	82.0	85.4	86.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
1600	39.6	50.1	54.2	59.1	68.2	76.0	82.0	85.4	86.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
1400	39.6	50.2	54.3	59.2	68.3	76.1	82.2	85.5	86.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1200	39.8	50.6	54.9	60.0	69.1	77.3	83.3	86.7	88.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1000	40.6	51.6	56.0	61.3	70.5	78.8	84.8	88.2	89.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
800	40.6	51.6	56.0	61.3	70.5	78.8	84.8	88.2	89.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
600	41.5	53.0	57.4	62.7	72.0	80.4	86.6	89.9	91.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
400	41.9	53.5	58.0	63.2	72.6	81.1	87.2	90.5	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
200	42.3	53.9	58.3	63.5	72.9	81.4	87.5	90.9	92.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
100	42.6	54.2	58.6	63.9	73.2	81.7	87.8	91.2	92.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
50	42.6	54.2	58.6	63.9	73.2	81.7	87.8	91.2	92.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
0	43.4	55.3	59.7	65.2	74.9	83.5	89.9	93.3	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	44.0	55.8	60.3	65.8	75.7	84.5	90.9	94.3	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
800	44.8	56.8	61.3	66.8	76.8	85.7	92.0	95.5	96.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
600	44.8	57.0	61.6	67.1	77.1	86.0	92.4	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
400	44.8	57.0	61.6	67.1	77.5	86.6	92.9	96.3	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
200	44.8	57.0	61.6	67.1	77.5	86.6	92.9	96.3	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
100	44.8	57.0	61.6	67.1	77.5	86.6	92.9	96.3	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
50	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
1000	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
800	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
600	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
400	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
50	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	44.8	57.1	61.7	67.2	77.6	86.9	93.3	96.8	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

25115 MARCH APRIL/RIVERSIDE 66-70, 73-77 UCI

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1600-2000

CEILING	20	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	34.1	42.0	54.0	61.6	72.7	76.5	81.8	83.9	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
900	34.3	49.8	55.3	62.5	74.1	77.8	82.3	85.4	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
800	34.3	49.8	55.3	62.5	74.1	77.8	82.3	85.4	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
700	34.5	50.0	55.5	62.7	74.3	78.1	82.5	85.7	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
600	34.7	50.3	55.8	63.0	74.6	78.4	82.9	85.0	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
500	34.8	50.4	55.9	63.1	74.7	78.6	83.1	86.2	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
400	35.0	51.6	57.4	64.9	76.0	80.8	85.2	88.4	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
300	35.1	51.9	57.7	65.3	76.9	81.1	85.6	88.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
200	36.6	52.5	58.5	66.0	77.6	81.9	86.4	89.6	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
100	36.7	52.7	58.9	66.5	78.1	82.4	87.8	90.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
90	37.0	53.0	59.2	67.0	78.6	82.9	88.4	90.5	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
80	37.3	53.3	59.6	67.3	78.9	83.2	88.7	90.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
70	38.0	54.1	60.4	68.3	80.1	84.4	89.9	92.0	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
60	38.5	54.8	61.2	69.1	81.0	85.4	90.9	93.0	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
50	38.6	56.3	62.7	70.9	83.0	87.5	93.0	95.2	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
40	39.7	56.8	63.1	71.5	83.8	88.3	93.8	95.9	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
30	39.7	56.9	63.3	72.0	84.3	88.8	94.3	96.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
20	39.7	56.9	63.3	72.2	84.4	88.9	94.4	96.6	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
10	39.8	57.1	63.5	72.4	84.6	89.2	94.7	96.9	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	39.8	57.1	63.5	72.5	84.8	89.5	94.9	97.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	39.8	57.1	63.5	72.5	84.8	89.5	94.9	97.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	39.8	57.1	63.5	72.5	84.8	89.5	94.9	97.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	39.8	57.1	63.7	72.6	84.9	89.6	95.1	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF FTAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 HARCH AFB CA/RIVERSIDE

66-70, 73-77

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	32.6	47.8	53.2	59.9	66.4	71.7	77.9	79.2	80.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1000	32.8	48.5	54.0	60.6	69.2	72.6	77.7	80.1	81.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8
900	32.8	48.5	54.0	60.6	69.2	72.6	77.7	80.2	81.1	82.9	82.9	82.9	82.9	82.9	82.9	82.9
800	32.8	48.5	54.0	60.6	69.2	72.5	77.7	80.2	81.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0
700	33.1	48.8	54.4	61.1	69.7	73.0	77.2	80.6	81.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4
600	33.7	49.6	55.2	62.0	70.8	74.3	77.6	82.2	83.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
500	33.7	49.6	55.3	62.2	71.0	74.5	74.8	82.4	83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
400	33.7	49.7	55.4	62.5	71.3	74.8	77.1	82.7	83.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6
300	33.7	49.8	55.7	62.8	71.6	75.2	77.4	83.0	84.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9
200	34.1	50.3	56.2	63.3	72.6	76.1	81.4	84.0	84.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
100	34.7	51.0	57.2	64.3	73.5	77.1	82.4	84.9	85.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8
NO DATA	34.8	51.1	57.3	64.6	73.9	77.4	82.7	85.3	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
NO DATA	35.1	52.0	58.3	65.6	74.8	78.4	83.7	86.2	87.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1
NO DATA	35.5	52.7	59.0	66.3	75.6	79.1	84.4	87.0	88.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9
NO DATA	36.0	53.9	60.2	67.5	77.3	80.9	86.1	88.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6
NO DATA	36.7	55.1	61.4	69.0	78.8	82.4	87.6	90.2	91.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1
NO DATA	36.9	55.4	61.7	70.0	80.1	83.8	89.0	91.7	92.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6
NO DATA	37.0	55.6	61.9	70.2	80.3	84.0	89.2	91.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8
NO DATA	37.0	55.8	62.4	70.8	81.0	84.6	89.9	92.6	93.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
NO DATA	37.0	55.9	62.5	71.3	81.7	85.4	90.6	93.3	94.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2
NO DATA	37.0	56.0	62.6	71.4	81.9	85.8	91.1	93.8	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
NO DATA	37.1	56.1	62.7	71.5	82.2	86.0	91.3	94.0	94.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
NO DATA	37.1	56.1	62.8	71.6	82.3	86.1	91.6	94.6	95.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5
NO DATA	37.1	56.2	62.9	71.7	82.5	86.6	92.0	95.1	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
NO DATA	37.1	56.2	62.9	71.7	82.5	86.7	92.2	95.3	96.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
NO DATA	37.1	56.2	63.0	71.8	82.6	86.9	92.4	95.7	96.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
NO DATA	37.1	56.2	63.1	71.9	82.7	87.0	92.5	95.8	96.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
NO DATA	37.1	56.2	63.1	71.9	82.7	87.0	92.5	95.8	96.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
NO DATA	37.1	56.2	63.1	71.9	82.7	87.0	92.5	95.8	96.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
NO DATA	37.1	56.2	63.1	71.9	82.7	87.0	92.5	95.8	96.8	99.2	99.5	99.5	99.7	99.8	99.8	100.0
NO DATA	37.1	56.2	63.1	71.9	82.7	87.0	92.5	95.8	96.8	99.2	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 630

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13110 MARCH AFB CA/RIVERSIDE

6-7, 73-77

01

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

CEILING	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1000	36.3	47.0	51.1	55.3	62.3	65.9	67.8	72.1	73.1	74.5	75.0	75.7	75.4	75.5	75.5	76.4			
900	37.3	45.3	52.5	55.0	64.1	67.9	71.9	74.2	75.2	75.7	77.2	77.4	77.6	77.7	77.8	78.6			
800	37.3	45.3	52.6	56.9	64.1	68.0	71.9	74.2	75.3	76.7	77.3	77.4	77.6	77.7	77.8	78.6			
700	37.4	45.4	52.7	57.0	64.3	68.1	72.1	74.4	75.4	76.9	77.5	77.6	77.9	78.0	78.1	78.9			
600	37.5	45.5	52.8	57.1	64.4	68.3	72.2	74.5	75.6	77.1	77.7	77.9	78.1	78.2	78.3	79.2			
500	37.7	45.8	53.2	57.5	64.9	68.9	72.9	75.2	76.3	77.8	78.3	78.5	78.6	78.9	79.0	79.8			
400	38.4	45.4	54.0	58.6	66.0	70.1	72.2	76.0	77.7	79.2	79.8	80.0	80.3	80.4	80.5	81.3			
300	38.4	45.5	54.1	58.7	66.2	70.2	72.3	76.7	77.8	79.4	80.0	80.1	80.4	80.5	80.6	81.4			
200	38.6	50.1	54.6	59.2	66.8	70.9	75.0	77.4	78.5	80.0	80.8	80.8	81.1	81.2	81.3	82.1			
100	38.8	50.4	55.0	59.6	67.2	71.4	75.5	77.9	79.0	80.5	81.1	81.3	81.6	81.7	81.7	82.6			
0	39.0	50.7	55.3	59.9	67.6	71.9	76.0	78.4	79.5	81.0	81.0	81.8	82.1	82.2	82.3	83.1			
1000	39.3	51.0	55.7	60.3	68.1	72.3	76.5	78.9	80.0	81.6	82.1	82.3	82.6	82.7	82.8	83.6			
900	39.4	51.1	55.8	60.4	68.2	72.4	76.6	79.0	80.1	81.7	82.3	82.4	82.7	82.8	82.9	83.7			
800	39.7	51.7	56.5	61.2	69.1	73.3	77.6	80.0	81.1	82.7	83.3	83.4	83.7	83.8	83.9	84.8			
700	40.0	52.2	57.0	61.8	69.7	74.1	78.3	80.8	81.9	83.5	84.1	84.2	84.5	84.6	84.7	85.5			
600	40.7	53.3	58.1	63.1	71.2	75.7	79.9	82.4	83.5	85.1	85.7	85.8	86.2	86.2	86.3	87.2			
500	41.0	54.1	59.0	64.2	72.4	76.9	81.2	83.7	84.8	86.4	87.0	87.1	87.5	87.6	87.6	88.5			
400	41.2	54.6	59.8	65.2	73.8	78.4	82.7	85.3	86.4	88.0	88.6	88.6	89.1	89.2	89.2	90.1			
300	41.3	54.9	60.2	65.6	74.2	78.9	83.2	85.8	87.0	88.6	89.2	89.3	89.6	89.7	89.8	90.7			
200	41.3	55.2	60.6	66.2	75.1	79.9	84.3	86.9	88.1	89.7	90.3	90.5	90.9	90.9	91.0	91.9			
100	41.4	55.3	60.8	66.6	75.6	80.4	84.9	87.5	88.7	90.3	91.0	91.2	91.5	91.6	91.7	92.5			
0	41.4	55.4	61.0	66.8	76.0	81.0	85.5	88.2	89.4	91.1	91.7	91.7	92.2	92.2	92.4	93.3			
1000	41.4	55.4	61.1	66.9	76.2	81.3	85.9	88.5	89.9	91.6	92.2	92.4	92.7	92.8	92.9	93.8			
900	41.4	55.4	61.1	67.3	76.3	81.5	86.1	88.9	90.2	91.9	92.5	92.8	93.1	93.2	93.3	94.2			
800	41.4	55.4	61.1	67.0	76.4	81.7	86.3	89.2	90.5	92.3	93.0	93.1	93.5	93.6	93.7	94.5			
700	41.4	55.4	61.2	67.0	76.5	81.9	86.6	89.6	90.9	92.8	93.6	93.8	94.1	94.2	94.3	95.2			
600	41.4	55.4	61.2	67.1	76.6	82.1	86.8	89.9	91.3	93.3	94.2	94.4	94.8	94.9	95.0	95.9			
500	41.4	55.5	61.2	67.1	76.7	82.2	87.0	90.1	91.5	93.6	94.6	94.8	95.2	95.4	95.5	96.4			
400	41.4	55.5	61.2	67.1	76.7	82.2	87.1	90.2	91.6	93.8	94.9	95.2	95.6	95.8	96.0	97.0			
300	41.4	55.5	61.2	67.1	76.7	82.2	87.1	90.2	91.7	94.0	95.1	95.5	96.1	96.3	96.6	97.7			
200	41.4	55.5	61.2	67.1	76.7	82.2	87.1	90.2	91.7	94.0	95.1	95.5	96.1	96.5	97.0	99.1			
100	41.4	55.5	61.2	67.1	76.7	82.2	87.1	90.2	91.7	94.0	95.1	95.5	96.1	96.5	97.0	100.0			

TOTAL NUMBER OF OBSERVATION 7439

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

2-115 MARCH AFS CA/RIVERSIDE

16-70, 73-77

1-7

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

42.6	51.1	55.6	59.2	63.4	64.6	67.3	70.2	71.6	73.2	73.3	74.4	74.0	75.3	75.7	76.2
42.9	51.2	56.0	59.4	63.7	64.8	67.6	70.4	71.8	73.4	74.0	74.7	75.0	75.6	75.9	76.4
42.9	51.2	56.0	59.4	63.7	64.8	67.6	70.4	71.8	73.4	74.0	74.7	75.0	75.6	75.9	76.4
43.1	51.4	56.2	59.9	64.1	65.2	68.0	70.9	72.2	73.9	74.4	75.2	75.6	76.2	76.6	77.1
43.6	52.1	57.0	60.7	64.9	66.2	69.0	71.7	73.0	74.7	75.2	76.2	76.3	77.0	77.3	77.9
44.4	53.2	58.2	61.9	66.1	67.2	70.0	72.9	74.2	75.9	76.4	77.2	77.6	78.2	78.6	79.1
44.9	53.8	58.9	62.6	66.8	67.9	70.7	73.6	74.9	76.6	77.1	77.9	78.2	78.9	79.2	79.8
45.1	54.1	59.2	62.9	67.1	68.2	71.0	73.9	75.2	76.9	77.4	78.2	78.4	79.2	79.6	80.1
45.1	54.2	59.3	63.0	67.2	68.3	71.1	74.1	75.4	77.1	77.7	78.4	78.6	79.4	79.8	80.3
45.3	54.9	60.0	63.7	67.9	69.0	71.9	74.8	76.1	77.8	78.3	79.1	79.4	80.1	80.4	81.0
45.6	55.1	60.2	63.9	68.1	69.2	72.1	75.0	76.3	78.0	78.6	79.3	79.7	80.3	80.7	81.2
45.6	55.2	60.3	64.0	68.2	69.3	72.2	75.1	76.4	78.1	78.7	79.4	79.8	80.4	80.8	81.3
46.1	56.8	62.0	65.7	69.9	71.0	73.9	76.9	78.2	79.9	80.4	81.2	81.6	82.2	82.6	83.1
46.7	58.1	63.3	67.0	71.2	72.3	75.2	78.2	79.6	81.2	81.8	82.6	82.9	83.6	83.9	84.4
47.2	59.0	64.4	68.1	72.3	73.5	76.4	79.4	80.8	82.4	83.0	83.8	84.1	84.8	85.1	85.7
47.2	59.4	64.9	68.7	73.0	74.3	77.2	80.2	81.6	83.2	83.8	84.6	84.9	85.6	85.9	86.4
47.6	60.7	66.4	70.2	74.6	76.1	79.2	82.2	83.7	85.3	85.9	86.7	87.0	87.7	88.0	88.6
47.6	61.1	67.0	70.9	75.3	76.7	79.9	83.0	84.3	86.0	86.6	87.3	87.7	88.3	88.7	89.2
47.7	61.2	67.1	71.2	75.7	77.1	80.3	83.4	84.8	86.4	87.0	87.8	88.1	88.8	89.1	89.7
47.7	61.8	68.2	72.3	76.8	78.3	81.8	85.1	86.4	88.1	88.7	89.4	89.8	90.6	90.9	91.4
47.7	61.9	68.3	72.5	77.0	78.6	82.0	85.6	86.9	88.6	89.1	89.9	90.2	91.0	91.3	91.9
47.7	62.0	68.4	72.7	77.1	78.7	82.1	85.7	87.0	88.7	89.2	90.0	90.3	91.1	91.4	92.0
47.7	62.2	68.6	73.0	77.4	79.2	82.7	86.6	87.9	89.7	90.4	91.3	91.7	92.4	92.8	93.3
47.7	62.3	68.9	73.1	77.6	79.3	82.8	86.7	88.1	89.9	90.7	91.6	91.9	92.7	93.0	93.7
47.7	62.3	68.9	73.1	77.6	79.3	82.8	87.1	88.6	90.3	91.1	92.0	92.3	93.1	93.4	94.1
47.7	62.3	68.9	73.1	77.6	79.3	82.8	87.2	88.8	90.8	91.8	92.8	93.1	93.9	94.2	94.9
47.7	62.6	69.1	73.3	77.8	79.6	83.1	87.8	89.3	91.4	92.4	93.4	93.8	94.6	94.9	95.7
47.7	62.6	69.1	73.3	77.8	79.6	83.1	87.8	89.4	91.6	92.6	93.7	94.1	94.9	95.3	96.3
47.7	62.6	69.1	73.3	77.8	79.6	83.1	87.8	89.4	91.6	92.7	93.8	94.4	95.2	95.6	96.7
47.7	62.6	69.1	73.3	77.8	79.6	83.1	87.8	89.4	91.6	92.7	93.8	94.4	95.3	96.2	96.9
47.7	62.6	69.1	73.3	77.8	79.6	83.1	87.8	89.4	91.6	92.7	93.8	94.4	95.3	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 000

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

2311

MARCH APR CA/RIVERSIDE

66-70273-77

NDW

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATISTICS															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 2500	43.8	51.0	54.2	57.6	60.3	62.7	65.6	69.9	67.2	68.1	68.7	69.2	69.6	69.9	70.1	73.0
≥ 2000	43.8	51.1	54.3	58.0	61.0	62.9	64.2	66.6	67.9	68.8	69.3	69.9	70.2	70.6	70.8	73.7
≥ 1500	43.8	51.1	54.3	58.0	61.0	62.9	64.2	65.6	67.9	68.8	69.3	69.9	70.2	70.6	70.8	73.7
≥ 1000	43.8	51.1	54.4	58.1	61.1	63.0	64.3	66.7	68.0	68.9	69.4	70.0	70.3	70.7	70.9	73.7
≥ 700	43.9	51.3	54.7	58.3	61.2	63.2	64.8	67.1	68.4	69.3	69.9	70.4	70.8	71.1	71.3	74.2
≥ 500	44.3	51.8	55.1	58.8	61.8	63.7	65.2	67.6	68.9	69.8	70.3	70.9	71.2	71.6	71.8	74.7
≥ 400	45.1	52.6	55.9	59.6	62.6	64.4	66.0	68.3	69.7	70.6	71.1	71.7	72.0	72.3	72.6	75.4
≥ 300	45.2	52.7	56.0	59.7	62.7	64.6	66.1	68.4	69.8	70.7	71.2	71.8	72.1	72.4	72.7	75.6
≥ 200	45.3	52.8	56.1	59.8	62.8	64.7	66.2	68.6	69.9	70.8	71.3	71.9	72.2	72.6	72.8	75.7
≥ 100	45.8	53.9	57.2	60.9	64.0	65.9	67.4	69.8	71.1	72.1	72.7	73.2	73.6	73.9	74.1	77.0
≥ 0	45.8	54.1	57.4	61.1	64.2	66.1	67.7	70.0	71.3	72.3	72.9	73.4	73.8	74.1	74.3	77.2
≥ 3500	46.4	55.0	58.7	62.3	65.4	67.3	69.0	71.3	72.7	73.7	74.2	74.8	75.1	75.4	75.7	78.6
≥ 3000	46.7	55.4	59.2	62.9	66.0	67.9	69.6	71.9	73.2	74.2	74.8	75.3	75.7	76.0	76.2	79.1
≥ 2500	47.3	56.7	60.6	64.3	67.4	69.3	71.0	73.3	74.7	75.7	76.2	76.8	77.1	77.4	77.7	80.6
≥ 2000	48.0	58.4	62.3	66.1	69.2	71.1	72.8	75.3	76.7	77.7	78.2	78.8	79.1	79.4	79.7	82.6
≥ 1800	48.1	58.7	62.6	66.4	69.9	71.8	73.6	76.1	77.4	78.4	79.0	79.6	79.9	80.2	80.4	83.3
≥ 1500	48.1	58.7	62.7	66.6	70.0	71.9	73.7	76.2	77.6	78.6	79.1	79.7	80.0	80.3	80.6	83.4
≥ 1200	48.2	59.2	63.3	67.2	70.9	72.9	74.8	77.3	78.8	79.8	80.3	80.9	81.2	81.6	81.8	84.7
≥ 1000	48.4	59.8	64.0	67.9	71.6	73.6	75.4	78.0	79.4	80.6	81.2	81.8	82.1	82.4	82.7	85.6
≥ 900	48.4	60.2	64.7	68.7	72.3	74.4	76.4	79.1	80.7	81.8	82.6	83.1	83.4	83.8	84.0	86.9
≥ 800	48.4	60.3	64.8	69.1	72.9	75.0	77.1	80.1	81.8	82.9	83.7	84.2	84.6	84.9	85.1	88.0
≥ 700	48.4	60.3	64.8	69.1	72.9	75.0	77.1	80.2	81.9	83.0	83.8	84.3	84.7	85.0	85.3	88.3
≥ 600	48.4	60.3	64.9	69.2	73.2	75.3	77.4	80.6	82.3	83.7	84.4	85.3	85.7	86.0	86.3	89.3
≥ 500	48.4	60.3	64.9	69.2	73.2	75.3	77.4	81.2	83.4	85.0	85.9	86.8	87.1	87.4	87.8	90.8
≥ 400	48.4	60.4	65.1	69.4	73.4	75.6	77.7	81.4	83.7	85.4	86.3	87.2	87.6	87.9	88.3	91.7
≥ 300	48.4	60.4	65.1	69.4	73.7	75.8	77.9	81.9	84.2	86.0	87.0	87.9	88.4	88.8	89.2	92.6
≥ 200	48.4	60.4	65.1	69.4	73.7	75.8	77.9	81.9	84.2	86.1	87.4	88.3	88.9	89.3	89.9	93.8
≥ 100	48.4	60.4	65.1	69.6	73.8	75.9	78.1	82.2	84.6	86.4	87.8	88.7	89.2	89.7	90.1	93.8
≥ 0	48.4	60.4	65.1	69.6	73.8	75.9	78.1	82.2	84.6	86.4	87.8	88.7	89.2	89.7	90.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23119 MARCH AFB CA/RIVERSIDE

06-70, 73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0	
NO CEILING	47.3	51.4	53.2	54.7	56.6	58.1	59.1	60.8	61.4	62.7	64.2	64.7	65.1	65.2	65.7	66.7
≥ 20000	48.6	53.9	55.0	56.4	58.4	60.1	61.2	62.9	63.6	64.8	66.3	66.8	67.2	67.3	67.8	71.0
≥ 15000	48.8	53.2	55.2	56.7	58.7	60.3	61.4	63.2	63.9	65.1	66.7	67.1	67.5	67.7	68.1	71.3
≥ 10000	48.9	53.3	55.3	56.8	58.8	60.4	61.6	63.3	64.1	65.3	66.9	67.4	67.9	68.0	68.4	71.7
≥ 7500	49.1	53.6	55.6	57.0	59.0	60.7	61.8	63.7	64.4	65.7	67.2	67.8	68.2	68.3	68.8	72.0
≥ 5000	49.4	54.7	56.0	57.4	59.4	61.2	62.3	64.3	65.2	66.4	68.0	68.6	69.0	69.1	69.6	72.8
≥ 3000	50.1	55.7	56.7	58.1	60.1	61.9	63.0	65.1	66.0	67.2	68.8	69.4	69.9	70.0	70.4	73.7
≥ 2000	51.2	55.8	57.8	59.2	61.2	63.0	64.1	66.2	67.2	68.4	70.0	70.7	71.1	71.2	71.7	74.9
≥ 1500	51.4	56.1	58.1	59.6	61.6	63.3	64.4	66.6	67.6	68.8	70.3	71.0	71.4	71.6	72.0	75.2
≥ 1000	51.4	56.1	58.1	59.6	61.6	63.3	64.4	66.6	67.6	68.8	70.3	71.0	71.4	71.6	72.0	75.2
≥ 750	51.7	56.3	58.3	59.8	61.8	63.6	64.7	66.8	67.8	69.0	70.6	71.2	71.7	71.8	72.2	75.4
≥ 500	52.0	56.7	58.7	60.1	62.1	63.9	65.0	67.1	68.1	69.3	70.9	71.6	72.0	72.1	72.6	75.8
≥ 450	52.1	56.8	58.8	60.2	62.2	64.0	65.1	67.2	68.2	69.4	71.0	71.7	72.1	72.2	72.7	75.9
≥ 400	53.0	57.7	59.7	61.3	63.4	65.3	66.4	68.6	69.6	70.8	72.3	73.0	73.4	73.6	74.0	77.2
≥ 350	53.3	58.2	60.3	62.0	64.1	66.0	67.1	69.2	70.2	71.6	73.1	73.8	74.2	74.3	74.8	78.0
≥ 300	53.3	59.2	61.3	63.1	65.4	67.3	68.4	70.6	71.6	72.9	74.4	75.1	75.6	75.7	76.1	79.3
≥ 250	54.9	60.7	62.8	64.7	67.1	69.2	71.4	72.6	73.8	75.2	76.8	77.4	77.8	78.0	78.4	81.7
≥ 200	55.0	60.8	63.0	65.0	67.0	69.7	71.9	73.0	74.4	75.9	77.4	78.1	78.6	78.7	79.2	82.4
≥ 1800	55.1	60.9	63.1	65.1	67.8	69.9	71.1	73.2	74.7	76.1	77.7	78.3	78.8	78.9	79.4	82.7
≥ 1500	55.2	61.3	63.7	65.7	68.7	71.1	72.6	74.8	76.2	77.7	79.2	79.9	80.3	80.4	81.0	84.2
≥ 1200	55.4	61.8	64.2	66.2	69.2	71.9	73.3	75.7	77.1	78.6	80.1	80.8	81.2	81.3	81.9	85.1
≥ 1000	55.4	62.1	64.7	66.9	69.9	72.6	74.2	76.5	78.0	79.4	81.0	81.7	82.1	82.2	82.8	86.0
≥ 750	55.4	62.1	64.7	67.1	70.1	72.9	74.7	77.1	78.6	80.0	81.8	82.6	83.0	83.1	83.7	86.9
≥ 700	55.4	62.2	64.9	67.6	70.7	73.6	75.4	78.1	79.6	81.3	83.1	83.9	84.3	84.4	85.0	88.2
≥ 600	55.4	62.3	65.0	67.7	70.8	73.7	75.7	78.3	79.9	81.7	83.4	84.2	84.7	84.8	85.3	88.6
≥ 500	55.4	62.3	65.0	67.7	70.9	73.8	75.9	78.6	80.1	82.1	83.9	84.8	85.2	85.3	85.9	89.1
≥ 400	55.4	62.3	65.0	67.7	70.9	73.9	76.2	78.9	80.4	82.7	84.7	85.9	86.7	86.9	87.6	91.1
≥ 300	55.4	62.3	65.0	67.7	70.9	73.9	76.2	78.9	80.4	82.7	84.8	86.0	87.0	87.4	88.2	91.9
≥ 200	55.4	62.3	65.0	67.7	70.9	73.9	76.2	78.9	80.7	83.1	85.3	86.6	87.8	88.2	89.7	93.7
≥ 100	55.4	62.3	65.0	67.7	70.9	73.9	76.2	78.9	80.7	83.1	85.3	86.6	88.0	88.7	90.4	97.4
≥ 50	55.4	62.3	65.0	67.7	70.9	73.9	76.2	78.9	80.7	83.1	85.3	86.6	88.0	88.7	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23115 MARCH AFB CA/RIVERSIDE

66-70, 73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATISTICS															
	21	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	57.3	57.0	54.7	67.4	69.7	71.8	71.3	74.4	74.9	75.4	75.7	75.9	76.0	76.2	76.2	76.7
≥ 2000	59.1	64.0	67.0	70.0	72.1	74.4	74.1	77.4	77.9	78.4	78.8	78.9	79.1	79.3	79.3	79.8
≥ 1800	59.3	64.2	67.2	70.2	72.6	74.7	74.3	77.7	78.1	78.7	79.0	79.1	79.3	79.6	79.6	80.0
≥ 1600	59.3	64.2	67.2	70.2	72.6	74.7	74.3	77.7	78.1	78.7	79.0	79.1	79.3	79.6	79.6	80.0
≥ 1400	59.8	64.7	67.8	70.8	73.1	75.2	74.9	78.2	78.8	79.3	79.7	79.8	80.0	80.2	80.2	80.7
≥ 1200	60.6	65.4	68.6	71.6	73.9	76.1	77.8	79.1	79.7	80.2	80.6	80.7	80.9	81.1	81.1	81.5
≥ 1000	61.2	66.1	69.2	72.2	74.6	76.8	75.4	79.8	80.3	80.9	81.2	81.3	81.6	81.8	81.8	82.2
≥ 900	61.7	66.6	69.7	72.7	75.0	77.2	75.9	80.2	80.8	81.3	81.7	81.8	82.0	82.2	82.2	82.7
≥ 800	62.0	66.9	70.0	73.0	75.3	77.6	75.2	80.6	81.1	81.7	82.0	82.1	82.3	82.6	82.6	83.0
≥ 700	62.0	66.9	70.0	73.0	75.3	77.7	75.4	80.8	81.3	81.9	82.2	82.3	82.6	82.8	82.8	83.2
≥ 600	62.4	67.3	70.4	73.4	75.8	78.1	79.9	81.2	81.8	82.3	82.7	82.8	83.0	83.2	83.2	83.7
≥ 500	62.7	67.6	70.7	73.7	76.0	78.3	80.1	81.4	82.0	82.6	82.9	83.0	83.2	83.4	83.4	83.9
≥ 450	63.6	68.4	71.0	74.6	76.9	79.3	81.1	82.4	83.0	83.6	83.9	84.0	84.2	84.4	84.4	84.9
≥ 400	63.9	68.8	72.0	75.3	77.6	80.2	82.0	83.3	83.9	84.4	84.6	84.9	85.1	85.3	85.3	85.8
≥ 350	64.7	69.6	72.9	76.4	79.0	81.4	83.2	84.6	85.1	85.7	86.0	86.1	86.3	86.6	86.6	87.0
≥ 300	65.7	71.0	74.3	78.1	80.7	83.2	85.0	86.3	86.9	87.4	87.8	87.9	88.1	88.3	88.3	88.8
≥ 250	66.4	72.1	75.4	79.2	81.9	84.6	86.3	87.7	88.2	88.8	89.1	89.2	89.4	89.7	89.7	90.1
≥ 200	67.2	72.9	76.3	80.2	83.1	85.9	87.7	89.1	89.7	90.2	90.5	90.7	90.9	91.1	91.1	91.5
≥ 1800	67.6	73.3	76.8	80.7	83.6	86.3	88.1	89.7	90.2	90.8	91.1	91.2	91.4	91.7	91.7	92.1
≥ 1500	67.9	73.9	77.4	81.4	84.4	87.2	89.2	90.8	91.3	91.9	92.2	92.3	92.6	92.8	92.8	93.2
≥ 1200	68.0	74.3	77.9	82.0	85.0	88.0	90.1	91.8	92.4	93.0	93.3	93.4	93.7	93.9	93.9	94.3
≥ 1000	68.1	74.7	78.3	82.6	85.6	88.7	90.8	92.4	93.1	93.7	94.0	94.1	94.3	94.6	94.6	95.0
≥ 900	68.1	74.8	78.4	82.8	85.8	88.9	91.0	92.9	93.6	94.1	94.4	94.6	94.8	95.0	95.0	95.4
≥ 800	68.1	74.9	78.7	83.0	86.0	89.1	91.2	93.2	93.9	94.7	95.0	95.1	95.3	95.6	95.6	96.0
≥ 700	68.1	74.9	78.7	83.1	86.1	89.3	91.4	93.4	94.1	94.9	95.2	95.3	95.6	95.8	95.8	96.2
≥ 600	68.1	75.0	78.9	83.3	86.3	89.7	91.8	93.8	94.4	95.4	96.0	96.1	96.3	96.6	96.6	97.0
≥ 500	68.1	75.0	78.9	83.3	86.3	89.7	91.8	93.9	94.6	95.6	96.2	96.3	96.6	96.8	96.8	97.2
≥ 400	68.1	75.0	78.9	83.3	86.7	90.0	92.1	94.3	95.1	96.2	96.9	97.0	97.3	97.7	97.7	98.1
≥ 300	68.1	75.0	78.9	83.3	86.7	90.0	92.1	94.4	95.2	96.3	97.0	97.1	97.6	97.9	97.9	98.4
≥ 200	68.1	75.0	78.9	83.3	86.7	90.0	92.1	94.4	95.2	96.3	97.1	97.2	97.7	98.1	98.2	98.8
≥ 100	68.1	75.0	78.9	83.3	86.7	90.0	92.1	94.4	95.2	96.3	97.1	97.2	97.7	98.1	98.2	99.4
≥ 0	68.1	75.0	78.9	83.3	86.7	90.0	92.1	94.4	95.2	96.3	97.1	97.2	97.7	98.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110 MARCH AFB CA/RIVERSIDE

66-73-73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	20	22	27	2	2	2	2	2	25	2	20	
NO FLYING	61.3	69.6	70.0	71.6	74.9	77.2	75.7	79.4	79.4	79.8	79.9	79.9	80.1	80.1	80.1	80.1
2 2700	63.0	70.7	72.1	73.9	77.7	80.1	81.7	82.6	82.6	83.0	83.1	83.1	83.4	83.4	83.4	83.4
2 2500	63.0	70.7	72.1	73.9	77.7	80.1	81.7	82.6	82.6	83.0	83.1	83.1	83.4	83.4	83.4	83.4
2 2300	63.6	71.7	72.7	74.6	78.3	80.8	82.4	83.4	83.6	84.0	84.2	84.2	84.6	84.6	84.6	84.6
2 2100	63.9	71.6	73.0	74.9	78.8	81.2	82.9	83.9	84.0	84.4	84.8	84.8	85.1	85.1	85.1	85.1
2 1900	65.3	73.7	74.7	76.6	80.4	82.9	85.0	85.6	85.7	86.1	86.4	86.4	86.8	86.8	86.8	86.8
2 1700	65.8	73.8	75.2	77.2	81.1	83.6	85.2	86.2	86.3	86.8	87.1	87.1	87.4	87.4	87.4	87.4
2 1500	66.1	74.1	75.6	77.6	81.4	83.9	85.6	86.6	86.7	87.1	87.4	87.4	87.8	87.8	87.8	87.8
2 1300	66.4	74.4	75.9	77.9	81.8	84.2	86.0	87.2	87.3	87.8	88.1	88.1	88.4	88.4	88.4	88.4
2 1100	66.6	74.7	76.1	78.1	82.0	84.4	86.2	87.4	87.6	88.0	88.3	88.3	88.7	88.7	88.7	88.7
2 900	66.8	74.9	76.3	78.3	82.2	84.7	86.4	87.7	87.8	88.2	88.6	88.6	88.9	88.9	88.9	88.9
2 850	67.6	75.7	77.1	79.2	83.1	85.6	87.3	88.6	88.7	89.1	89.4	89.4	89.8	89.8	89.8	89.8
2 800	68.3	76.7	78.2	80.4	84.4	86.9	88.7	89.9	90.0	90.4	90.8	90.8	91.1	91.1	91.1	91.1
2 750	69.7	78.1	79.7	81.9	85.7	88.3	90.1	91.3	91.4	91.9	92.2	92.2	92.6	92.6	92.6	92.6
2 700	71.2	80.2	82.0	84.3	88.3	90.8	92.6	93.8	93.9	94.3	94.7	94.7	95.0	95.0	95.0	95.0
2 650	72.4	81.7	83.4	85.9	89.9	92.3	94.1	95.3	95.4	95.9	96.2	96.2	96.6	96.6	96.6	96.6
2 600	72.8	82.3	84.1	86.6	90.6	93.0	94.8	96.0	96.1	96.6	96.9	96.9	97.2	97.2	97.2	97.2
2 550	72.9	82.4	84.2	86.7	90.7	93.1	94.9	96.1	96.2	96.7	97.0	97.0	97.3	97.3	97.3	97.3
2 500	73.3	83.0	84.9	87.3	91.4	93.9	95.8	97.0	97.1	97.6	97.9	97.9	98.2	98.2	98.2	98.2
2 450	73.3	83.1	85.0	87.4	91.8	94.3	96.2	97.4	97.6	98.0	98.3	98.3	98.7	98.7	98.7	98.7
2 400	73.6	83.3	85.2	87.7	92.0	94.7	96.6	97.8	98.0	98.4	98.8	98.8	99.1	99.1	99.1	99.1
2 350	73.6	83.3	85.2	87.8	92.1	94.8	96.7	97.9	98.1	98.6	98.9	98.9	99.2	99.2	99.2	99.2
2 300	73.7	83.6	85.4	88.1	92.3	95.0	96.9	98.1	98.3	98.9	99.2	99.2	99.6	99.6	99.6	99.6
2 250	73.7	83.7	85.6	88.2	92.4	95.1	97.0	98.2	98.4	99.0	99.3	99.3	99.7	99.7	99.7	99.7
2 200	73.7	83.7	85.6	88.2	92.5	95.4	97.3	98.6	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0
2 150	73.7	83.7	85.6	88.2	92.8	95.4	97.3	98.6	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0
2 100	73.7	83.7	85.6	88.2	92.8	95.4	97.3	98.6	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0
2 50	73.7	83.7	85.6	88.2	92.8	95.4	97.3	98.6	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0
2 0	73.7	83.7	85.6	88.2	92.8	95.4	97.3	98.6	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

2311 MARCH AFB CA/RIVERSIDE

16-73, 73-77

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS.

1500-1700

CEILING FEET	≥ 0	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
NO CEILING	49.1	50.1	61.0	67.2	69.8	71.8	73.0	78.0	78.3	79.4	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	50.6	59.7	63.3	65.8	71.4	73.7	76.2	80.6	80.9	82.0	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
1800	50.7	59.8	63.4	65.9	71.6	73.8	76.3	80.7	81.0	82.1	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
1600	50.8	59.9	63.6	66.0	71.7	73.9	76.4	80.8	81.1	82.2	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
1400	51.4	60.6	64.2	66.8	72.4	74.7	77.2	81.6	81.9	83.0	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1200	52.2	61.4	65.2	68.0	73.7	75.9	78.4	82.8	83.2	84.3	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1000	53.3	62.9	66.7	69.4	75.1	77.4	80.0	84.3	84.8	85.9	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
800	53.9	63.4	67.2	70.0	75.8	78.1	80.7	85.0	85.4	86.6	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
600	54.9	64.5	68.3	71.1	76.9	79.2	81.8	86.1	86.7	87.9	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
400	55.3	65.1	68.9	71.7	77.4	79.8	82.7	87.0	87.6	88.8	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
200	55.9	65.7	69.4	72.2	78.0	80.3	83.2	87.6	88.1	89.3	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
0	56.3	66.2	70.0	72.8	78.6	80.9	83.8	88.1	88.7	89.9	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
4500	57.1	67.0	70.8	73.6	79.3	81.7	86.6	88.9	89.4	90.7	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4000	58.0	67.9	71.8	74.7	80.4	82.8	87.7	90.0	90.6	91.8	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
3500	59.4	69.7	73.6	76.4	82.2	84.6	89.4	91.8	92.3	93.6	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
3000	60.3	71.0	75.0	77.9	83.7	86.2	91.1	93.4	94.0	95.2	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2500	60.6	71.3	75.3	78.3	84.1	86.8	91.7	94.0	94.6	95.8	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2000	60.7	71.6	75.8	78.9	85.0	88.1	93.0	95.3	95.9	97.1	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1800	60.8	71.7	76.0	79.2	85.4	88.7	93.7	96.0	96.6	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	60.8	71.7	76.1	79.3	85.7	88.9	93.9	96.3	96.9	98.1	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1200	61.0	71.9	76.3	79.6	86.0	89.2	94.2	96.7	97.2	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	61.0	72.0	76.4	80.0	86.4	89.7	94.7	97.1	97.7	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	61.0	72.0	76.4	80.0	86.4	89.7	94.7	97.1	97.7	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	61.0	72.0	76.4	80.0	86.4	89.7	94.7	97.1	97.7	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	61.0	72.0	76.4	80.0	86.4	89.7	94.7	97.1	97.7	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	61.0	72.1	76.6	80.1	86.7	89.9	94.9	97.3	97.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	61.0	72.1	76.6	80.1	86.7	89.9	94.9	97.3	97.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

23117 MARCH AFB CA/RIVERSIDE

65-70,73-77

FILE

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS:

1800-2000

CEILING FEET	STATUTE MILES															
	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15
≥ 2500	44.2	57.0	61.6	65.2	72.3	74.1	76.4	80.9	81.4	82.6	83.0	83.0	83.0	83.1	83.1	83.1
≥ 2000	45.4	59.4	63.3	67.1	74.2	76.0	80.3	82.8	83.3	84.4	84.9	84.9	84.9	85.0	85.0	85.0
≥ 1800	45.4	59.4	63.3	67.1	74.2	76.0	80.3	82.8	83.3	84.4	84.9	84.9	84.9	85.0	85.0	85.0
≥ 1600	45.6	59.6	63.4	67.2	74.3	76.1	80.4	82.9	83.4	84.6	85.0	85.0	85.0	85.1	85.1	85.1
≥ 1400	45.9	59.9	63.8	67.6	74.7	76.4	80.8	83.2	83.8	84.9	85.7	85.7	85.7	85.8	85.8	85.8
≥ 1200	46.4	59.9	65.0	68.8	75.9	77.7	82.0	84.4	85.0	86.1	86.9	86.9	86.9	87.0	87.0	87.0
≥ 1000	46.9	60.7	65.8	69.6	76.7	78.4	82.8	85.2	85.8	86.9	87.7	87.7	87.7	87.8	87.8	87.8
≥ 900	47.0	60.8	65.9	69.7	76.8	78.6	82.9	85.3	85.9	87.0	87.8	87.8	87.8	87.9	87.9	87.9
≥ 800	47.1	61.1	66.4	70.2	77.3	79.1	83.6	86.0	86.6	87.7	88.4	88.4	88.4	88.6	88.6	88.6
≥ 700	48.0	62.2	67.6	71.3	78.4	80.2	84.7	87.3	87.9	89.0	89.8	89.8	89.8	89.9	89.9	89.9
≥ 600	48.3	62.7	68.2	72.0	79.1	80.9	85.3	88.1	88.7	89.8	90.6	90.6	90.6	90.7	90.7	90.7
≥ 500	48.7	63.1	68.7	72.4	79.6	81.3	85.8	88.6	89.1	90.2	91.0	91.0	91.0	91.1	91.1	91.1
≥ 450	48.9	63.3	68.9	72.7	79.8	81.6	85.0	88.8	89.3	90.4	91.2	91.2	91.2	91.3	91.3	91.3
≥ 400	49.8	64.7	70.2	74.0	81.1	82.9	87.3	90.1	90.7	91.8	92.6	92.6	92.6	92.7	92.7	92.7
≥ 350	50.4	65.8	71.3	75.2	82.3	84.1	88.6	91.3	91.9	93.0	93.8	93.8	93.8	93.9	93.9	93.9
≥ 300	50.7	67.2	72.8	76.7	83.8	85.6	90.1	92.9	93.4	94.6	95.3	95.3	95.3	95.4	95.4	95.4
≥ 250	51.0	68.0	73.6	77.6	84.8	86.7	91.2	94.0	94.6	95.7	96.4	96.4	96.4	96.6	96.6	96.6
≥ 200	51.0	68.6	74.1	78.3	85.7	87.7	92.3	95.1	95.7	96.8	97.6	97.6	97.6	97.7	97.7	97.7
≥ 150	51.0	68.8	74.3	78.6	85.9	87.9	92.6	95.3	95.9	97.0	97.8	97.8	97.8	97.9	97.9	97.9
≥ 100	51.0	69.0	74.6	78.8	86.1	88.4	93.1	95.9	96.4	97.6	98.3	98.3	98.3	98.4	98.4	98.4
≥ 75	51.0	69.2	74.8	79.2	86.6	88.9	93.7	96.4	97.0	98.1	98.9	98.9	98.9	99.0	99.0	99.0
≥ 50	51.0	69.3	74.9	79.4	86.8	89.1	94.0	96.8	97.3	98.4	99.2	99.2	99.2	99.3	99.3	99.3
≥ 25	51.0	69.3	74.9	79.4	86.9	89.2	94.1	96.9	97.4	98.6	99.3	99.3	99.3	99.4	99.4	99.4
≥ 15	51.0	69.3	74.9	79.6	86.9	89.2	94.1	96.9	97.4	98.6	99.3	99.3	99.3	99.4	99.4	99.4
≥ 10	51.0	69.3	74.9	79.6	86.9	89.2	94.1	96.9	97.4	98.6	99.3	99.3	99.3	99.4	99.4	99.4
≥ 5	51.0	69.6	75.2	79.9	87.2	89.6	94.4	97.2	97.8	98.9	99.7	99.7	99.7	99.8	99.8	99.8
≥ 3	51.0	69.6	75.2	79.9	87.2	89.6	94.4	97.2	97.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2	51.0	69.6	75.2	79.9	87.2	89.6	94.4	97.2	97.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1	51.0	69.6	75.2	79.9	87.2	89.6	94.4	97.2	97.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22111 MARCH AFB CA/RIVERSIDE

66-70,73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	20	20	25	24	25	25	25	25	25	25	25	25	25	25	25	25
2 2000	42.7	54.3	60.0	63.3	69.1	71.1	71.1	78.5	79.3	80.8	81.1	81.3	81.9	82.1	82.2	82.3
2 1500	43.4	55.1	61.1	64.5	70.3	72.3	70.3	79.8	80.5	82.0	82.3	82.5	83.1	83.3	83.4	83.5
2 1000	43.4	55.1	61.1	64.5	70.3	72.3	70.3	79.8	80.5	82.0	82.3	82.5	83.1	83.3	83.4	83.5
2 800	43.7	55.4	61.4	64.8	70.6	72.6	70.6	80.1	80.9	82.3	82.6	82.9	83.0	84.0	84.1	84.2
2 700	44.4	56.4	62.4	65.9	71.6	73.6	72.6	81.1	81.9	83.2	83.0	83.9	84.6	85.0	85.1	85.2
2 600	45.2	57.2	63.2	66.6	72.4	74.4	70.4	81.9	82.6	84.1	84.4	84.6	85.4	85.8	85.9	86.0
2 500	45.2	57.2	63.2	66.6	72.4	74.4	70.4	81.9	82.6	84.1	84.4	84.6	85.4	85.8	85.9	86.0
2 400	46.1	58.2	64.2	67.6	73.4	75.4	73.4	82.9	83.6	85.1	85.4	85.7	86.4	86.8	86.9	87.0
2 300	46.2	58.3	64.3	67.7	73.5	75.5	73.5	83.0	83.8	85.2	85.5	85.8	86.5	86.9	87.0	87.1
2 200	46.2	58.4	64.4	67.9	73.6	75.6	73.6	83.1	84.0	85.4	85.8	86.0	86.8	87.1	87.2	87.3
2 1500	46.8	59.3	65.3	68.7	74.5	76.5	74.5	84.0	84.9	86.3	86.7	86.9	87.7	88.0	88.1	88.2
2 1000	46.8	59.7	65.9	69.3	75.1	77.1	75.1	84.5	85.4	86.8	87.2	87.4	88.3	88.7	88.8	88.9
2 800	47.4	60.6	66.9	70.3	76.1	78.1	76.1	85.5	86.4	87.8	88.2	88.4	89.3	89.7	89.8	89.9
2 700	47.7	61.5	67.9	71.5	77.3	79.3	77.3	86.8	87.7	89.1	89.4	89.7	90.5	90.9	91.0	91.1
2 600	48.3	63.1	69.4	73.3	79.1	81.1	79.1	88.5	89.4	90.9	91.2	91.4	92.3	92.7	92.8	92.9
2 500	48.8	64.1	70.4	74.5	80.3	82.3	80.3	90.0	90.9	92.3	92.7	92.9	93.8	94.1	94.2	94.3
2 400	48.9	64.5	71.1	75.3	81.2	83.2	81.2	91.0	91.9	93.3	93.7	93.9	94.8	95.1	95.2	95.3
2 300	49.1	65.0	71.5	75.8	81.6	83.8	81.6	91.5	92.4	93.9	94.2	94.4	95.3	95.7	95.8	95.9
2 200	49.1	65.2	71.9	76.1	82.1	84.2	82.1	92.1	93.0	94.4	94.8	95.0	95.9	96.2	96.3	96.4
2 1500	49.2	65.6	72.3	76.5	82.5	84.6	82.5	92.9	93.8	95.2	95.7	95.9	96.8	97.1	97.2	97.3
2 1000	49.2	66.1	72.9	77.1	83.1	85.2	83.1	93.3	93.5	94.5	96.2	96.7	96.9	97.8	98.1	98.3
2 800	49.2	66.1	73.0	77.2	83.2	85.3	83.2	93.4	93.8	94.8	96.6	97.1	97.3	98.3	98.7	98.9
2 700	49.2	66.1	73.0	77.2	83.2	85.3	83.2	93.4	93.8	94.8	96.6	97.2	97.4	98.4	98.8	98.9
2 600	49.2	66.2	73.2	77.4	83.4	85.5	83.4	93.7	94.0	95.0	96.8	97.4	97.7	98.7	99.0	99.1
2 500	49.2	66.3	73.3	77.5	83.5	85.7	83.5	93.8	94.1	95.2	97.0	97.7	97.9	98.9	99.2	99.3
2 400	49.2	66.3	73.3	77.5	83.6	85.9	83.6	94.0	94.3	95.4	97.2	97.9	98.1	99.1	99.4	99.6
2 300	49.2	66.3	73.3	77.5	83.6	85.9	83.6	94.0	94.3	95.4	97.2	97.9	98.1	99.1	99.4	99.7
2 200	49.2	66.3	73.3	77.5	83.6	85.9	83.6	94.0	94.3	95.4	97.2	97.9	98.1	99.2	99.6	99.8
2 1500	49.2	66.3	73.3	77.5	83.6	85.9	83.6	94.0	94.3	95.4	97.2	97.9	98.1	99.2	99.6	99.8
2 1000	49.2	66.3	73.3	77.5	83.6	85.9	83.6	94.0	94.3	95.4	97.2	97.9	98.1	99.2	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR PLATER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110 MARCH 1963 CA/RIVERSIDE

66-73-73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	MILES															
	≥ 10	≥ 20	≥ 30	≥ 40	≥ 50	≥ 60	≥ 70	≥ 80	≥ 90	≥ 100	≥ 110	≥ 120	≥ 130	≥ 140	≥ 150	≥ 200
NO FOG	48.6	54.7	60.2	62.9	67.3	68.9	71.4	73.5	74.2	75.2	75.8	76.0	76.3	76.5	76.6	77.5
≥ 2000	49.6	57.9	61.5	64.4	68.6	70.5	73.2	75.4	76.1	77.1	77.6	77.9	78.2	78.4	78.5	79.4
≥ 1800	49.7	58.0	61.6	64.5	68.7	70.6	73.3	75.5	76.2	77.2	77.8	78.1	78.4	78.5	78.6	79.5
≥ 1600	49.7	58.0	61.6	64.5	68.7	70.6	73.3	75.5	76.2	77.2	77.8	78.1	78.4	78.5	78.6	79.5
≥ 1400	50.0	58.4	62.0	64.9	69.2	71.1	73.8	76.0	76.7	77.7	78.4	78.6	79.0	79.2	79.3	80.2
≥ 1200	50.5	59.0	62.7	65.7	69.9	71.9	74.6	76.8	77.6	78.6	79.2	79.5	79.9	80.1	80.2	81.1
≥ 1000	51.4	60.0	63.7	66.6	70.9	72.8	75.6	77.8	78.5	79.6	80.2	80.5	80.9	81.1	81.2	82.1
≥ 800	51.8	60.5	64.2	67.2	71.5	73.4	76.1	78.3	79.1	80.2	80.8	81.1	81.4	81.7	81.8	82.7
≥ 600	52.2	61.0	64.7	67.7	72.0	73.9	76.6	78.9	79.6	80.7	81.4	81.7	82.0	82.2	82.3	83.2
≥ 400	52.5	61.3	65.0	68.0	72.3	74.2	77.0	79.3	80.1	81.2	81.8	82.1	82.4	82.7	82.8	83.7
≥ 200	52.8	61.7	65.5	68.5	72.8	74.7	77.5	79.8	80.6	81.7	82.4	82.7	83.0	83.2	83.3	84.2
≥ 100	53.1	62.1	65.9	68.9	73.2	75.1	77.9	80.2	81.0	82.1	82.7	83.0	83.4	83.6	83.7	84.5
≥ 50	53.4	62.5	66.3	69.3	73.6	75.5	78.3	80.6	81.4	82.5	83.2	83.5	83.8	84.1	84.2	85.1
≥ 25	54.1	63.5	67.4	70.5	74.8	76.7	79.5	81.8	82.6	83.8	84.5	84.8	85.1	85.3	85.5	86.4
≥ 15	54.8	64.6	68.5	71.7	76.0	77.9	80.7	83.0	83.8	85.0	85.7	86.0	86.3	86.5	86.7	87.6
≥ 10	55.6	65.9	70.0	73.2	77.6	79.5	82.3	84.6	85.4	86.7	87.3	87.6	88.0	88.2	88.3	89.2
≥ 7	56.2	67.0	71.0	74.4	78.8	80.7	83.5	85.8	86.6	87.9	88.5	88.8	89.0	89.3	89.6	90.6
≥ 5	56.4	67.5	71.7	75.1	79.7	81.6	84.4	86.7	87.5	88.8	89.4	89.7	90.1	90.5	90.7	91.8
≥ 3	56.5	67.7	72.0	75.4	80.0	81.9	84.7	87.0	87.8	89.1	89.7	90.0	90.5	90.9	91.1	92.2
≥ 2	56.6	68.1	72.4	75.9	80.6	82.5	85.3	87.6	88.4	89.7	90.4	91.1	91.4	91.7	91.9	93.0
≥ 1.5	56.8	68.5	72.8	76.4	81.2	83.1	85.9	88.2	89.0	90.3	91.0	91.7	92.2	92.6	92.8	93.8
≥ 1.2	56.8	68.7	73.1	76.8	81.6	83.5	86.3	88.6	89.4	90.7	91.4	92.1	92.6	93.0	93.4	94.5
≥ 1.0	56.8	68.7	73.2	77.0	81.7	83.6	86.4	88.7	89.5	90.8	91.5	92.2	92.7	93.1	93.7	94.8
≥ 0.8	56.8	68.8	73.4	77.2	82.0	83.9	86.7	89.0	89.8	91.1	91.8	92.5	93.0	93.5	94.1	95.4
≥ 0.6	56.8	68.9	73.4	77.3	82.1	84.0	86.8	89.1	89.9	91.2	91.9	92.6	93.1	93.6	94.2	95.6
≥ 0.5	56.8	68.9	73.5	77.3	82.2	84.1	86.9	89.2	90.0	91.3	92.0	92.7	93.2	93.7	94.3	95.7
≥ 0.4	56.8	69.0	73.5	77.4	82.3	84.2	87.0	89.3	90.1	91.4	92.1	92.8	93.3	93.8	94.4	95.8
≥ 0.3	56.8	69.0	73.6	77.4	82.4	84.3	87.1	89.4	90.2	91.5	92.2	92.9	93.4	93.9	94.5	96.0
≥ 0.2	56.8	69.0	73.6	77.4	82.4	84.3	87.1	89.4	90.2	91.5	92.2	92.9	93.4	93.9	94.5	96.0
≥ 0.1	56.8	69.0	73.6	77.5	82.4	84.3	87.1	89.4	90.2	91.5	92.2	92.9	93.4	93.9	94.5	96.0
≥ 0	56.8	69.0	73.6	77.5	82.4	84.3	87.1	89.4	90.2	91.5	92.2	92.9	93.4	93.9	94.5	96.0

TOTAL NUMBER OF OBSERVATIONS 7199

LATA PROCESSING FRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAF

# CEILING VERSUS VISIBILITY

2011 MARCH AFR CA/RIVERSIDE

6-76,73-77

UAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
2700	50.9	52.4	60.3	62.9	65.0	66.9	67.1	69.9	70.3	71.0	71.6	71.6	72.0	72.3	72.9	74.3														
2400	51.5	59.0	61.1	63.7	66.0	67.6	67.9	70.6	71.1	71.8	72.5	72.5	72.9	73.1	73.8	75.2														
2100	51.5	59.0	61.1	63.7	66.0	67.6	67.9	70.6	71.1	71.8	72.5	72.5	72.9	73.1	73.8	75.2														
1800	52.2	59.8	61.8	64.4	67.3	68.4	70.6	71.4	71.8	72.6	73.2	73.2	73.7	73.9	74.5	75.9														
1500	53.5	61.2	63.2	65.8	68.7	69.3	72.0	72.8	73.2	74.0	74.6	74.6	75.1	75.3	75.9	77.3														
1200	54.1	61.9	64.0	66.6	69.5	70.8	73.0	73.8	74.2	74.9	75.6	75.6	76.0	76.2	76.9	78.3														
900	54.2	62.2	64.1	66.7	69.6	70.9	73.1	73.9	74.3	75.1	75.7	75.7	76.1	76.3	77.0	78.4														
600	54.2	62.4	64.4	67.2	70.1	71.4	73.7	74.4	74.8	75.6	76.2	76.2	76.7	76.9	77.5	78.9														
300	54.5	62.7	64.7	67.5	70.4	71.7	73.0	74.7	75.2	76.0	76.7	76.7	77.1	77.3	78.0	79.4														
100	55.1	63.2	65.4	68.2	71.1	72.4	74.0	75.4	75.8	76.7	77.3	77.3	77.7	78.0	78.6	80.0														
500	55.5	63.8	65.8	68.6	71.5	72.8	73.3	76.1	76.6	77.4	78.1	78.1	78.5	78.7	79.4	80.8														
400	55.7	64.1	66.1	68.9	71.8	73.1	73.7	76.6	77.0	77.8	78.5	78.5	78.9	79.1	79.8	81.2														
350	56.2	64.6	66.7	69.7	72.6	73.9	74.5	77.4	77.8	78.7	79.4	79.4	79.8	80.0	80.6	82.0														
300	56.7	65.8	67.8	70.9	73.8	75.1	77.6	78.6	79.0	80.0	80.6	80.6	80.6	81.1	81.3	83.3														
250	57.1	67.3	69.4	72.4	75.3	76.6	77.1	80.2	80.6	81.6	82.3	82.3	82.7	82.9	83.5	84.9														
200	57.5	68.6	71.1	74.1	77.0	78.4	79.0	82.0	82.5	83.4	84.1	84.1	84.5	84.7	85.4	86.8														
150	57.6	69.5	72.3	75.4	78.4	80.0	80.6	83.8	84.3	85.3	85.9	85.9	86.3	86.6	87.2	88.6														
100	57.6	69.6	72.4	75.5	78.5	80.1	80.7	83.9	84.4	85.4	86.0	86.0	86.5	86.7	87.3	88.7														
500	57.6	69.8	72.7	76.1	79.1	80.9	81.3	84.5	85.2	86.3	87.1	87.1	87.5	87.7	88.4	89.8														
400	57.7	69.9	72.9	76.3	79.4	81.1	81.7	85.1	86.0	87.2	88.0	88.0	88.5	88.7	89.5	90.9														
300	57.7	70.0	73.0	76.6	79.6	81.3	81.9	85.3	86.2	87.4	88.3	88.3	88.8	89.0	89.8	91.2														
250	57.7	70.1	73.1	76.7	79.7	81.4	82.0	85.4	86.5	87.6	88.5	88.5	89.0	89.2	90.0	91.4														
200	57.8	70.5	73.8	77.4	80.6	82.4	82.9	86.3	87.4	88.6	89.5	89.5	90.0	90.2	91.0	92.4														
150	57.8	70.6	73.9	77.5	80.8	82.5	83.1	86.5	87.5	88.7	89.5	89.5	90.1	90.3	91.1	92.5														
100	57.8	70.9	74.1	77.7	81.0	83.0	83.6	87.0	88.1	89.4	90.3	90.3	90.9	91.3	92.0	93.4														
500	57.8	70.9	74.2	77.8	81.1	83.1	83.7	87.1	88.6	89.9	91.0	91.0	91.5	92.0	92.9	94.3														
400	57.8	71.1	74.5	78.3	81.5	83.5	84.1	87.7	89.4	90.8	91.9	91.9	92.6	93.1	94.0	95.6														
350	57.8	71.1	74.5	78.4	81.6	83.8	84.4	88.1	89.7	91.6	93.0	93.0	93.7	94.3	95.2	96.9														
300	57.8	71.2	74.6	78.5	81.8	84.0	84.6	88.3	89.9	91.8	93.2	93.2	93.9	94.7	95.7	98.1														
250	57.8	71.2	74.6	78.5	81.8	84.0	84.6	88.3	89.9	91.8	93.2	93.2	93.9	94.7	95.8	98.9														
200	57.8	71.2	74.6	78.5	81.8	84.0	84.6	88.3	89.9	91.8	93.2	93.2	93.9	94.7	95.8	98.9														

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311 MARCH AFB CA/RIVERSIDE

69-7673-77

REC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	27	28	29	30	31	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
2700	51.2	57.4	58.4	61.4	64.0	64.9	66.2	67.0	67.1	67.6	67.8	67.8	68.4	68.6	69.9	70.0					
2800	52.3	57.5	59.5	62.5	65.1	66.0	67.4	68.2	68.3	68.8	69.0	69.0	69.8	69.8	70.1	71.2					
2900	52.3	57.5	59.5	62.5	65.1	66.0	67.4	68.2	68.3	68.8	69.0	69.0	69.8	69.8	70.1	71.2					
3000	53.0	59.7	60.2	63.2	65.8	66.8	68.2	68.9	69.0	69.6	69.8	69.8	70.3	70.5	70.9	71.9					
3100	54.4	60.6	61.7	64.7	67.3	68.3	69.7	70.4	70.5	71.1	71.3	71.3	71.8	72.0	72.4	73.4					
3200	54.8	61.1	62.2	65.2	67.7	68.7	70.1	70.9	71.0	71.5	71.7	71.7	72.3	72.5	72.8	73.9					
3300	54.9	61.2	62.3	65.3	67.8	68.8	70.2	71.0	71.1	71.6	71.8	71.8	72.4	72.6	72.9	74.0					
3400	54.9	61.4	62.5	65.6	68.4	69.4	70.8	71.5	71.6	72.2	72.4	72.4	72.9	73.1	73.4	74.5					
3500	55.2	61.6	62.7	66.0	68.8	69.6	71.0	71.7	71.8	72.4	72.6	72.6	73.1	73.3	73.7	74.7					
3600	55.3	61.7	62.9	66.2	68.8	69.8	71.2	71.9	72.0	72.6	72.8	72.8	73.3	73.5	73.9	74.9					
3700	56.1	62.6	63.9	67.2	69.8	70.9	72.3	73.0	73.1	73.7	73.9	73.9	74.4	74.6	74.9	76.0					
3800	56.7	63.3	64.6	68.0	70.5	71.5	72.9	73.8	73.9	74.4	74.6	74.6	75.2	75.4	75.7	76.8					
3900	57.2	64.0	65.3	68.5	71.2	72.3	74.0	74.8	74.9	75.5	75.7	75.7	76.2	76.5	76.8	78.0					
4000	57.2	64.7	66.1	69.6	72.4	73.4	75.2	76.0	76.1	76.7	77.0	77.0	77.5	77.7	78.1	79.2					
4100	57.3	65.6	67.1	70.5	73.3	74.4	76.1	77.1	77.2	77.7	78.1	78.1	78.6	78.8	79.1	80.3					
4200	58.0	66.7	68.5	71.9	74.7	75.8	77.5	78.5	78.6	79.1	79.5	79.5	80.0	80.2	80.5	81.7					
4300	58.3	67.6	70.0	73.4	76.3	77.4	79.1	80.1	80.2	80.8	81.2	81.2	81.7	81.9	82.3	83.4					
4400	58.3	68.0	70.3	73.8	76.7	77.7	79.5	80.4	80.5	81.1	81.5	81.5	82.0	82.3	82.6	83.8					
4500	58.6	68.6	71.0	74.4	77.4	78.5	80.2	81.2	81.3	81.8	82.4	82.4	82.9	83.1	83.4	84.6					
4600	58.8	68.6	71.0	74.6	77.8	78.9	80.8	82.0	82.4	83.0	83.5	83.5	84.4	84.6	84.9	86.1					
4700	58.9	69.0	71.4	75.1	78.4	79.5	81.3	82.7	83.1	83.8	84.3	84.3	85.2	85.4	85.7	87.0					
4800	58.9	69.0	71.5	75.2	78.5	79.6	81.4	82.8	83.2	83.9	84.4	84.4	85.3	85.5	85.8	87.1					
4900	58.9	69.1	71.6	75.4	78.8	79.9	81.7	83.2	83.7	84.6	85.2	85.2	86.1	86.3	86.8	88.1					
5000	58.9	69.2	71.8	75.6	79.1	80.3	82.4	83.9	84.4	85.8	86.5	86.5	87.4	87.7	88.2	89.5					
5100	58.9	69.4	72.0	75.9	79.5	80.6	82.8	84.4	85.1	86.5	87.1	87.1	88.2	88.6	89.4	90.6					
5200	58.9	69.4	72.4	76.2	79.8	81.0	83.1	84.7	85.6	87.2	88.2	88.2	89.2	89.7	90.4	91.7					
5300	58.9	69.4	72.5	76.3	80.0	81.4	83.5	85.3	86.1	88.1	89.2	89.2	90.4	91.0	91.7	93.0					
5400	58.9	69.4	72.6	76.5	80.3	81.7	84.0	85.7	86.6	88.6	90.0	90.0	91.3	92.2	93.1	95.7					
5500	58.9	69.4	72.6	76.5	80.3	81.7	84.0	85.8	86.7	88.7	90.1	90.1	91.4	92.4	93.3	97.8					
5600	58.9	69.4	72.6	76.5	80.3	81.7	84.0	85.8	86.7	88.7	90.1	90.1	91.4	92.4	93.3	100.0					

TOTAL NUMBER OF OBSERVATIONS 030

DATA PROCESSING TRACK  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

2311

MARCH APR CA/RIVERSIDE

6-73,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0800

	2	24	2	24	2	24	2	24	2	24	2	24	2	24	2	24	2	24
2 600	55.1	58.9	59.9	61.2	62.5	63.7	64.2	65.4	66.0	66.7	66.8	66.8	66.8	67.1	68.4	69.5		
2 500	56.6	60.5	61.5	62.8	64.2	65.4	65.9	67.2	67.8	68.5	68.6	68.6	68.6	69.1	70.3	71.5		
2 400	56.8	60.8	61.7	63.0	64.4	65.6	66.1	67.4	68.1	68.7	68.8	68.8	68.8	69.1	70.5	71.7		
2 300	57.4	61.5	62.5	63.8	65.2	66.3	66.9	68.2	68.8	69.6	69.7	69.7	69.8	70.1	71.5	72.8		
2 200	58.0	62.0	63.0	64.3	65.6	67.0	67.5	68.8	69.5	70.2	70.3	70.3	70.4	70.8	72.2	73.4		
2 100	59.0	63.1	64.1	65.4	66.9	68.1	68.6	69.9	70.5	71.3	71.4	71.4	71.5	71.8	73.2	74.5		
2 100	59.5	63.5	64.5	65.8	67.3	68.6	69.1	70.4	71.1	71.8	71.9	71.9	72.0	72.4	73.8	75.1		
2 800	59.9	64.0	65.1	66.5	68.0	69.2	69.8	71.1	71.8	72.6	72.7	72.7	72.8	73.1	74.5	75.8		
2 700	60.5	64.6	65.7	67.1	68.6	69.9	70.4	71.7	72.5	73.2	73.3	73.3	73.4	73.8	75.2	76.5		
2 600	60.9	65.1	66.1	67.5	69.0	70.3	70.9	72.2	72.9	73.7	73.8	73.8	73.9	74.2	75.6	76.9		
2 500	61.3	65.5	66.7	68.1	69.7	71.0	71.5	72.8	73.5	74.3	74.4	74.4	74.3	74.8	76.2	77.5		
2 400	61.4	65.6	66.8	68.2	69.8	71.2	71.7	73.0	73.8	74.6	74.7	74.7	74.8	75.2	76.6	77.8		
2 300	61.9	66.5	67.6	69.0	70.6	72.2	72.7	74.0	74.7	75.6	75.7	75.7	75.8	76.1	77.5	78.8		
2 200	62.4	67.2	68.5	69.9	71.5	73.2	73.8	75.1	75.8	76.8	76.9	76.9	77.0	77.3	78.7	80.1		
2 100	62.8	67.8	69.1	70.5	72.2	73.9	74.4	75.7	76.5	77.4	77.5	77.5	77.6	78.0	79.4	80.8		
2 100	63.8	69.0	70.4	71.8	73.4	75.2	75.7	77.1	78.0	78.9	79.0	79.0	79.4	79.7	81.1	82.5		
2 200	64.1	69.9	71.4	72.8	74.4	76.1	76.8	78.3	79.5	80.4	80.5	80.5	80.9	81.2	82.6	84.1		
2 300	64.2	70.1	71.6	73.0	74.6	76.3	77.0	78.5	79.7	80.6	80.8	80.8	81.1	81.4	82.8	84.3		
2 400	64.7	70.6	72.5	74.1	75.7	77.4	78.1	79.6	80.8	81.7	81.8	81.8	82.2	82.5	83.9	85.5		
2 500	64.8	71.0	72.5	74.7	76.5	78.3	79.0	80.6	82.0	83.0	83.3	83.3	83.9	84.2	85.6	87.2		
2 600	64.9	71.3	73.3	75.2	77.1	78.9	79.9	81.6	83.2	84.2	84.5	84.5	85.1	85.4	86.8	88.6		
2 700	64.9	71.4	73.4	75.3	77.2	79.1	80.2	82.0	83.8	84.7	85.3	85.3	85.8	86.1	87.5	89.4		
2 800	64.9	71.4	73.4	75.3	77.2	79.1	80.2	82.0	83.9	84.8	85.5	85.6	86.2	86.6	88.0	89.9		
2 900	64.9	71.4	73.4	75.3	77.3	79.5	80.5	82.4	84.2	85.3	85.9	86.0	86.7	87.0	88.4	90.4		
2 100	64.9	71.5	73.5	75.6	77.8	79.8	80.9	82.7	84.7	86.0	86.7	86.8	87.4	87.7	89.1	91.2		
2 200	64.9	71.5	73.5	75.6	78.0	79.9	81.0	82.8	84.8	86.1	86.8	87.0	87.7	88.2	89.6	91.6		
2 300	64.9	71.5	73.5	75.6	78.0	80.0	81.1	83.0	85.1	86.3	87.1	87.4	88.4	88.8	90.2	92.3		
2 400	64.9	71.5	73.5	75.6	78.1	80.1	81.2	83.3	85.5	86.9	87.7	88.1	89.1	89.7	91.3	93.5		
2 500	64.9	71.5	73.5	75.6	78.1	80.1	81.2	83.4	85.6	87.1	88.3	88.6	89.7	90.3	92.2	95.6		
2 600	64.9	71.5	73.5	75.6	78.1	80.1	81.2	83.4	85.6	87.1	88.3	88.6	89.7	90.3	92.2	97.3		
2 700	64.9	71.5	73.5	75.6	78.1	80.1	81.2	83.4	85.6	87.1	88.3	88.6	89.7	90.3	92.2	100.0		

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23110 MARCH 1981 CA/RIVERSIDE

6-7, 73-77

JEI

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	27	24	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
5000	57.6	61.2	52.4	63.4	65.5	66.5	67.0	67.7	68.4	68.6	68.8	68.9	68.9	68.9	68.9	69.0	69.5											
4000	61.5	65.6	66.9	68.1	70.4	71.4	71.0	73.0	73.7	73.9	74.1	74.2	74.2	74.2	74.3	74.7												
3000	62.0	66.1	67.4	68.5	71.0	71.9	72.6	73.5	74.2	74.4	74.6	74.7	74.7	74.7	74.8	75.3												
2000	62.4	66.5	67.7	68.9	71.3	72.3	72.9	73.9	74.5	74.7	74.9	75.1	75.1	75.1	75.2	75.6												
1500	63.4	67.5	68.8	70.9	72.4	73.5	74.2	75.3	75.9	76.1	76.3	76.5	76.5	76.5	76.7	77.1												
1000	64.1	68.3	69.6	70.9	73.2	74.5	75.2	76.2	76.9	77.1	77.3	77.4	77.4	77.5	77.6	78.1												
800	65.7	70.0	71.5	72.8	75.3	76.5	77.1	78.2	78.8	79.0	79.2	79.4	79.4	79.5	79.6	80.1												
600	66.1	70.5	72.3	73.5	76.0	77.2	77.8	78.9	79.7	79.9	80.1	80.2	80.2	80.3	80.4	81.0												
400	66.7	71.7	72.9	74.2	76.7	77.8	78.5	79.6	80.3	80.5	80.8	80.9	80.9	81.0	81.1	81.6												
200	66.9	71.4	73.1	74.4	76.9	78.1	78.7	79.8	80.5	80.8	81.0	81.1	81.1	81.2	81.3	81.8												
100	67.2	71.7	73.4	74.7	77.2	78.4	79.0	80.1	80.9	81.1	81.3	81.4	81.4	81.5	81.6	82.2												
50	67.4	71.9	73.7	74.9	77.4	78.6	79.2	80.3	81.1	81.3	81.5	81.6	81.6	81.7	81.8	82.4												
30	67.5	72.0	73.8	75.1	77.5	78.3	79.5	80.5	81.3	81.5	81.7	81.8	81.9	82.0	82.2	82.7												
15	68.0	72.6	74.3	75.6	78.1	79.4	80.0	81.1	81.8	82.0	82.3	82.4	82.5	82.6	82.7	83.2												
10	68.5	72.7	74.9	76.3	78.8	80.1	80.9	81.9	82.7	82.9	83.1	83.2	83.3	83.4	83.5	84.2												
5	69.6	74.3	76.0	77.5	80.1	81.6	82.4	83.5	84.3	84.5	84.8	84.9	85.1	85.2	85.3	85.9												
3	69.7	75.1	76.9	78.4	81.1	82.6	83.3	84.6	85.5	85.8	86.1	86.2	86.5	86.6	86.7	87.3												
2	69.9	75.4	77.2	78.9	81.6	83.1	84.0	85.4	86.3	86.7	87.0	87.1	87.3	87.4	87.5	88.3												
1	70.1	75.7	77.6	79.5	82.3	83.8	84.6	86.0	87.0	87.3	87.6	87.7	88.1	88.2	88.3	89.0												
0	70.2	76.6	78.6	80.4	83.5	85.2	86.1	87.7	88.7	89.0	89.4	89.5	89.8	90.0	90.1	90.9												
0	70.8	77.1	79.1	81.0	84.1	85.8	86.9	88.6	89.7	90.0	90.3	90.4	90.8	91.0	91.1	91.8												
0	71.2	77.7	79.9	82.2	85.4	87.4	88.6	90.4	91.5	91.8	92.3	92.4	92.7	92.9	93.0	93.8												
0	71.3	77.8	80.0	82.3	85.5	87.6	89.0	90.9	91.9	92.3	92.7	92.8	93.1	93.3	93.4	94.2												
0	71.3	77.8	80.1	82.4	85.7	87.8	89.2	91.1	92.2	92.5	92.9	93.0	93.3	93.5	93.7	94.4												
0	71.4	78.1	80.3	82.6	86.0	88.2	89.6	91.5	92.6	92.9	93.5	93.7	94.0	94.2	94.3	95.1												
0	71.4	78.1	80.3	82.6	86.2	88.5	89.9	91.9	93.0	93.3	94.0	94.2	94.5	94.7	94.8	95.6												
0	71.4	78.4	80.6	82.9	86.6	88.8	90.2	92.6	93.7	94.2	94.9	95.2	95.5	95.7	95.8	96.3												
0	71.4	78.4	80.6	82.9	86.6	89.0	90.4	92.8	94.1	94.7	94.9	95.9	96.2	96.8	97.1	97.2												
0	71.4	78.4	80.6	82.9	86.6	89.0	90.4	92.9	94.4	94.9	96.0	96.3	96.9	97.3	97.4	99.0												
0	71.4	78.4	80.6	82.9	86.6	89.0	90.4	92.9	94.4	94.9	96.0	96.3	96.9	97.3	97.4	99.6												
0	71.4	78.4	80.6	82.9	86.6	89.0	90.4	92.9	94.4	94.9	96.0	96.3	96.9	97.3	97.4	100.0												

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311

MARCH APR CA/RIVERSIDE

6-7, 73-77

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
200	60.5	64.4	65.4	66.6	67.5	69.2	70.2	71.4	71.8	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
150	66.0	70.1	71.5	72.8	73.9	75.6	76.7	77.8	78.4	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
100	66.6	70.6	71.8	73.3	74.4	76.1	77.2	78.4	78.9	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
75	66.7	70.8	71.9	73.4	74.5	76.2	77.3	78.5	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
50	68.1	72.2	73.3	74.9	76.0	77.8	78.9	80.1	80.6	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
25	69.0	73.3	74.5	76.2	77.3	79.1	80.2	81.4	81.9	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
10	70.4	75.2	76.3	78.2	79.2	81.1	82.2	83.3	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
5	70.9	75.6	76.9	78.8	79.9	81.7	82.8	84.0	84.5	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
3	71.8	76.5	77.8	79.9	81.0	82.8	83.9	85.1	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
2	71.8	76.5	77.8	79.9	81.0	82.8	83.9	85.1	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1	72.3	77.0	78.3	80.3	81.4	83.2	84.3	85.5	86.0	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
0	72.3	77.5	78.8	81.0	82.0	83.9	84.9	86.1	86.7	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
0	72.7	77.7	79.0	81.2	82.3	84.1	85.2	86.3	86.9	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0	74.1	79.1	80.4	82.6	83.9	85.8	86.9	88.1	88.6	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
0	74.4	79.6	81.0	83.1	84.4	86.5	87.5	88.7	89.2	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0	75.1	80.4	81.9	84.4	85.9	88.0	89.0	90.2	90.8	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
0	76.0	81.9	83.4	85.9	87.5	89.6	90.6	91.8	92.4	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
0	76.5	82.7	84.3	86.9	88.5	90.6	91.7	92.9	93.4	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	76.7	82.9	84.5	87.1	89.0	91.2	92.3	93.4	94.0	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	77.2	83.8	85.7	88.3	90.2	92.5	93.5	94.7	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	77.5	84.3	86.7	89.2	91.3	93.7	94.7	95.9	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	77.5	84.6	87.0	89.6	91.6	94.0	95.2	96.3	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
0	77.5	84.7	87.1	89.7	91.8	94.3	95.5	96.7	97.3	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	78.0	85.2	87.5	90.1	92.3	94.7	95.9	97.1	97.8	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	78.0	85.3	87.6	90.2	92.6	95.1	96.3	97.5	98.3	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	78.0	85.3	87.6	90.3	92.7	95.2	96.6	97.7	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	78.0	85.3	87.6	90.4	92.8	95.3	96.7	97.8	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	78.0	85.3	87.6	90.4	92.8	95.3	96.7	97.8	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	78.0	85.3	87.6	90.4	92.8	95.3	96.7	97.8	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	78.0	85.3	87.6	90.4	92.8	95.3	96.7	97.8	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	78.0	85.3	87.6	90.4	92.8	95.3	96.7	97.8	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	78.0	85.3	87.6	90.4	92.8	95.3	96.7	97.8	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 936

3

DATA PROCESSING CENTER  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

23115      MARCH AFB CA/RIVERSIDE

16-7, 73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1500-1700

56.6	57.0	62.0	63.1	65.6	66.8	67.9	70.2	71.5	72.1	72.1	72.4	72.6	72.6	72.7	72.7
59.0	62.0	66.1	67.3	70.7	71.8	72.8	75.1	75.7	77.5	77.5	77.9	78.0	78.0	78.1	78.1
60.7	64.5	66.7	68.0	70.0	72.4	74.5	75.8	77.4	78.1	78.1	78.5	78.7	78.7	78.8	78.8
60.9	64.8	66.9	68.2	71.0	72.6	74.7	75.0	77.6	78.3	78.3	78.8	78.9	78.9	79.0	79.0
62.1	65.1	68.3	69.5	72.4	74.0	75.1	77.4	79.0	80.0	80.1	80.5	80.7	80.7	80.8	80.8
62.7	66.7	69.0	70.3	73.4	75.2	77.4	78.7	80.3	81.3	81.4	81.8	82.1	82.1	82.2	82.2
64.3	68.9	71.1	72.4	75.6	77.5	78.6	80.9	82.7	83.6	83.7	84.2	84.5	84.5	84.5	84.6
64.5	69.1	71.3	72.5	75.7	77.2	78.0	81.3	83.0	83.9	84.1	84.5	84.8	84.8	84.9	84.9
65.2	69.8	72.1	73.4	75.7	77.6	78.7	82.0	83.7	84.7	84.8	85.2	85.6	85.6	85.7	85.7
65.6	70.4	72.6	73.9	77.3	79.1	80.3	82.5	84.3	85.2	85.3	85.8	86.1	86.1	86.2	86.2
65.9	70.8	73.1	74.4	77.7	79.5	81.7	83.0	84.7	85.7	85.8	86.2	86.5	86.5	86.6	86.6
66.8	71.7	74.0	75.3	78.7	80.5	82.7	83.9	85.7	86.6	86.7	87.2	87.5	87.5	87.6	87.6
67.0	71.9	74.4	75.6	79.0	80.8	83.0	84.3	86.0	87.0	87.1	87.5	87.8	87.8	87.9	87.9
68.1	73.1	75.3	76.3	80.2	82.0	84.2	85.5	87.2	88.1	88.3	88.7	89.0	89.0	89.1	89.1
68.4	73.5	75.0	77.4	80.9	82.9	85.0	86.3	88.0	89.0	89.1	89.5	89.9	89.9	90.0	90.0
69.4	74.8	77.5	79.1	82.9	84.8	87.0	88.3	90.0	90.9	91.1	91.5	91.8	91.8	91.9	91.9
70.2	75.6	78.7	80.4	84.2	86.2	88.4	89.8	91.5	92.5	92.6	93.0	93.3	93.3	93.4	93.4
70.8	76.7	79.6	81.8	85.7	87.8	89.9	91.5	93.2	94.2	94.3	94.8	95.1	95.1	95.2	95.2
70.9	76.8	80.0	82.0	85.9	88.1	90.4	91.8	93.5	94.5	94.7	95.2	95.5	95.5	95.6	95.6
71.4	77.7	80.8	82.9	87.0	89.3	91.7	93.2	94.9	95.9	96.1	96.6	96.9	96.9	97.0	97.0
71.6	78.0	81.3	83.3	87.4	89.8	92.1	93.6	95.4	96.3	96.6	97.0	97.3	97.3	97.4	97.4
71.9	78.1	81.4	83.5	87.5	89.9	92.2	93.8	95.6	96.9	97.1	97.5	97.8	97.8	98.0	98.0
71.6	78.1	81.4	83.6	87.7	90.2	92.6	94.2	96.0	97.5	97.7	98.3	98.6	98.6	98.7	98.7
71.6	78.3	81.6	83.9	88.0	90.7	93.1	94.8	96.7	98.2	98.4	98.9	99.2	99.2	99.4	99.4
71.8	78.6	81.8	84.3	88.4	91.1	93.4	95.2	97.0	98.8	99.0	99.6	99.9	99.9	100.0	100.0
71.8	78.6	81.8	84.3	88.4	91.1	93.4	95.2	97.2	98.8	99.0	99.6	99.9	99.9	100.0	100.0
71.8	78.6	81.8	84.3	88.4	91.1	93.4	95.2	97.2	98.8	99.0	99.6	99.9	99.9	100.0	100.0
71.8	78.6	81.8	84.3	88.4	91.1	93.4	95.2	97.2	98.8	99.0	99.6	99.9	99.9	100.0	100.0
71.8	78.6	81.8	84.3	88.4	91.1	93.4	95.2	97.2	98.8	99.0	99.6	99.9	99.9	100.0	100.0
71.8	78.6	81.8	84.3	88.4	91.1	93.4	95.2	97.2	98.8	99.0	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311- MARCH AFB CA/RIVERSIDE

6-7, 73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024
≥ 1000	51.0	67.1	64.7	66.1	70.4	72.3	75.1	74.5	75.7	76.2	76.5	76.5	76.6	76.6	76.6	76.6
≥ 800	52.3	63.8	66.3	68.9	72.6	74.6	75.7	77.3	79.1	79.5	79.8	79.8	79.9	79.9	79.9	79.9
≥ 600	52.6	64.1	66.7	68.3	73.1	75.0	76.1	77.7	79.4	79.8	80.2	80.2	80.3	80.3	80.3	80.3
≥ 400	52.9	64.3	66.9	68.5	73.4	75.2	76.3	77.9	79.6	80.0	80.4	80.4	80.5	80.5	80.5	80.5
≥ 200	53.7	65.4	68.0	69.6	74.4	76.3	77.3	79.2	80.9	81.3	81.7	81.7	81.8	81.8	81.8	81.8
≥ 100	54.5	66.5	69.5	71.1	75.9	77.9	79.0	80.8	82.5	83.0	83.4	83.4	83.5	83.5	83.5	83.5
≥ 75	55.8	68.4	71.4	73.0	77.9	79.8	80.9	82.7	84.8	85.2	85.7	85.7	85.8	85.8	85.8	85.8
≥ 50	55.3	68.5	71.5	73.1	78.2	80.2	81.2	83.1	85.1	85.7	86.1	86.1	86.2	86.2	86.2	86.2
≥ 25	56.3	69.0	72.1	73.7	78.7	80.7	81.8	83.6	85.7	86.2	86.6	86.6	86.7	86.7	86.7	86.7
≥ 15	56.9	69.6	72.6	74.2	79.3	81.2	82.3	84.1	86.3	86.8	87.2	87.2	87.3	87.4	87.4	87.4
≥ 10	57.2	69.9	72.9	74.5	79.6	81.7	82.8	84.8	86.9	87.5	87.9	87.9	88.0	88.0	88.0	88.0
≥ 7.5	57.7	70.8	73.6	75.4	80.5	82.5	83.7	85.7	87.8	88.3	88.8	88.8	88.9	88.9	88.9	88.9
≥ 5	57.9	71.0	74.0	75.6	80.7	82.7	83.9	85.9	88.0	88.6	89.0	89.0	89.1	89.1	89.1	89.1
≥ 3	58.4	71.8	74.9	76.5	81.6	83.6	84.8	86.7	88.9	89.4	90.0	90.0	90.1	90.1	90.1	90.1
≥ 2.5	59.2	73.1	76.2	77.0	83.0	85.0	86.2	88.1	90.3	90.8	91.4	91.4	91.5	91.5	91.5	91.5
≥ 2	59.2	72.7	76.0	78	83.6	85.7	86.8	88.8	90.9	91.5	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1.5	60.1	75.8	79.2	81	86.1	88.2	89.5	91.5	93.6	94.2	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1	60.3	76.6	80.0	82.2	87.4	89.6	91.0	93.0	95.3	95.8	96.3	96.3	96.4	96.4	96.4	96.4
≥ 0.75	60.3	76.7	80.2	82.3	87.5	89.8	91.2	93.1	95.4	95.9	96.4	96.4	96.5	96.5	96.5	96.5
≥ 0.5	60.3	76.7	80.3	82.5	87.8	90.2	91.6	93.9	96.3	97.0	97.5	97.5	97.6	97.6	97.6	97.6
≥ 0.25	60.3	76.7	80.4	82.7	88.1	90.5	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.15	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.1	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.075	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.05	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.025	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.015	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.01	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.0075	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.005	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.0025	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.0015	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.001	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.00075	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.0005	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.00025	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.00015	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 0.0001	60.3	76.7	80.4	82.7	88.1	90.6	92.3	94.6	97.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311 MARCH AFB CA/RIVERSIDE

66-70, 73-77

UFL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING ≥ 27000	51.3	61.7	63.6	65.7	68.0	69.0	71.2	72.4	72.6	74.0	74.0	75.6	75.0	75.3	75.5	76.3
≥ 15000 ≥ 6000	52.4	62.6	64.5	66.7	69.4	70.6	72.7	74.0	74.4	76.2	76.8	76.8	77.2	77.6	77.8	78.5
≥ 4000 ≥ 12000	52.8	62.9	64.8	67.0	69.7	70.9	73.0	74.3	74.8	76.5	77.1	77.1	77.6	77.9	78.1	78.9
≥ 3000 ≥ 12000	52.8	62.9	64.8	67.0	69.7	70.9	73.0	74.3	74.8	76.5	77.1	77.1	77.6	77.9	78.1	78.9
≥ 2000 ≥ 12000	53.2	63.3	65.3	67.4	70.1	71.3	73.5	74.8	75.2	76.9	77.6	77.6	78.0	78.3	78.5	79.3
≥ 1500 ≥ 12000	54.0	64.5	66.5	68.6	71.3	72.5	74.6	75.9	76.4	78.1	78.7	78.7	79.2	79.5	79.7	80.5
≥ 1000 ≥ 12000	55.6	66.5	68.5	70.7	73.2	74.6	76.8	78.1	78.5	80.3	80.9	80.9	81.3	81.7	81.9	82.6
≥ 8000 ≥ 12000	55.6	66.5	68.5	70.7	73.2	74.6	76.8	78.1	78.5	80.3	80.9	80.9	81.3	81.7	81.9	82.6
≥ 7000 ≥ 12000	55.8	66.7	68.7	70.9	73.7	74.9	77.0	78.3	78.7	80.5	81.1	81.1	81.6	81.9	82.1	82.8
≥ 6000 ≥ 12000	55.8	66.7	68.9	71.1	73.9	75.1	77.2	78.5	79.1	80.8	81.4	81.4	81.9	82.2	82.4	83.2
≥ 5000 ≥ 12000	56.5	67.4	69.7	71.8	74.6	75.8	78.0	79.3	79.8	81.6	82.2	82.2	82.6	83.0	83.2	83.9
≥ 4500 ≥ 12000	57.1	68.1	70.3	72.5	75.3	76.6	78.7	80.2	80.8	82.5	83.2	83.2	83.6	83.9	84.1	84.9
≥ 4000 ≥ 12000	57.3	68.3	70.6	72.7	75.2	76.8	79.1	80.5	81.2	83.0	83.0	83.6	84.0	84.4	84.6	85.3
≥ 3500 ≥ 12000	57.9	69.6	72.0	74.1	77.0	78.3	80.6	82.0	82.7	84.5	85.1	85.1	85.5	85.9	86.1	86.8
≥ 3000 ≥ 12000	57.9	69.9	72.5	74.6	77.6	78.9	81.1	82.5	83.3	85.0	85.7	85.7	86.1	86.4	86.6	87.4
≥ 2500 ≥ 12000	58.6	71.4	74.0	76.3	79.4	80.7	83.0	84.4	85.1	86.8	87.5	87.5	87.9	88.2	88.5	89.2
≥ 2000 ≥ 12000	59.0	72.4	75.2	77.6	80.8	82.1	84.4	85.8	86.5	88.2	88.9	88.9	89.3	89.6	89.9	90.6
≥ 1500 ≥ 12000	59.1	72.8	75.7	78.3	81.7	83.0	85.2	86.6	87.7	89.4	90.1	90.1	90.5	90.8	91.0	91.8
≥ 1000 ≥ 12000	59.2	73.1	76.1	78.6	82.1	83.4	85.7	87.1	88.1	89.9	90.5	90.5	90.9	91.3	91.5	92.2
≥ 800 ≥ 12000	59.2	73.6	76.5	79.2	82.7	84.0	86.3	87.9	89.0	90.8	91.6	91.6	92.0	92.3	92.6	93.3
≥ 700 ≥ 12000	59.2	74.1	77.1	79.9	83.2	84.9	87.2	88.8	90.3	92.6	93.3	93.3	93.7	94.1	94.3	95.0
≥ 600 ≥ 12000	59.2	74.1	77.1	79.9	83.6	85.1	87.4	89.0	90.5	93.0	93.7	93.7	94.2	94.5	94.7	95.5
≥ 500 ≥ 12000	59.3	74.2	77.2	80.2	83.9	85.4	87.7	89.3	90.8	93.3	94.2	94.2	94.6	94.9	95.1	95.9
≥ 400 ≥ 12000	59.4	74.3	77.3	80.5	84.4	85.9	88.1	89.8	91.3	93.9	94.7	94.7	95.1	95.5	95.7	96.4
≥ 300 ≥ 12000	59.4	74.3	77.5	80.7	84.9	86.4	88.8	90.4	91.9	94.5	95.4	95.4	95.8	96.1	96.3	97.1
≥ 200 ≥ 12000	59.4	74.4	77.6	80.8	85.0	86.5	88.9	90.5	92.2	94.9	95.9	95.9	96.3	96.7	96.9	97.8
≥ 100 ≥ 12000	59.4	74.5	77.7	80.9	85.1	86.6	89.0	90.6	92.3	95.0	96.0	96.0	96.4	96.8	97.0	98.0
≥ 50 ≥ 12000	59.4	74.5	77.7	80.9	85.1	86.7	89.1	90.7	92.4	95.1	96.1	96.1	96.5	96.7	97.2	98.4
≥ 30 ≥ 12000	59.4	74.6	77.8	81.1	85.4	87.2	89.5	91.2	92.9	95.6	96.5	96.5	96.9	97.1	97.4	98.9
≥ 20 ≥ 12000	59.4	74.6	77.8	81.1	85.4	87.2	89.5	91.2	92.9	95.7	96.7	96.7	97.2	97.5	97.7	99.2
≥ 10 ≥ 12000	59.4	74.6	77.8	81.1	85.4	87.2	89.5	91.2	92.9	95.8	96.8	96.8	97.4	97.7	98.0	99.7
≥ 0 ≥ 12000	59.4	74.6	77.8	81.1	85.4	87.2	89.5	91.2	92.9	95.8	96.8	96.8	97.4	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LATER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2311 MARCH AFB CA/RIVERSIDE

66-70, 73-77

DEC

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	54.3	60.5	62.1	63.8	66.2	67.4	68.7	69.8	70.4	71.0	71.3	71.4	71.6	71.7	72.1	72.6
≥ 2200	50.6	63.0	64.6	66.5	69.1	70.4	71.8	72.9	73.7	74.4	74.7	74.7	74.9	75.1	75.4	76.0
≥ 800	56.7	62.3	65.0	66.8	69.4	70.7	72.1	73.2	74.0	74.7	75.0	75.1	75.3	75.4	75.8	76.4
≥ 600	57.0	63.4	65.1	66.9	69.5	70.8	72.2	73.3	74.1	74.8	75.1	75.2	75.4	75.5	75.9	76.5
≥ 400	57.9	64.4	66.0	67.9	70.5	71.8	73.2	74.4	75.2	75.9	76.2	76.3	76.5	76.7	77.0	77.6
≥ 200	58.8	65.4	67.1	69.0	71.6	73.0	74.4	75.6	76.4	77.1	77.4	77.5	77.8	77.9	78.3	78.9
≥ 100	60.0	66.9	68.6	70.5	73.2	74.6	76.0	77.2	78.0	78.8	79.1	79.2	79.4	79.6	79.9	80.5
≥ 8000	60.2	67.1	68.9	70.8	73.5	75.0	76.4	77.6	78.4	79.1	79.5	79.5	79.8	79.9	80.3	80.9
≥ 7000	60.6	67.6	69.4	71.4	74.2	75.6	77.0	78.2	79.0	79.8	80.1	80.2	80.4	80.6	80.9	81.6
≥ 6000	60.9	67.9	69.8	71.8	74.5	75.9	77.3	78.5	79.4	80.2	80.5	80.6	80.8	80.9	81.3	81.9
≥ 5000	61.3	68.4	70.2	72.2	74.9	76.4	77.8	79.0	79.9	80.6	81.0	81.0	81.3	81.4	81.8	82.4
≥ 4500	61.8	69.0	70.9	72.9	75.6	77.1	78.5	79.8	80.7	81.4	81.7	81.8	82.1	82.2	82.5	83.2
≥ 4000	62.0	69.2	71.2	73.2	75.9	77.4	78.9	80.1	81.0	81.8	82.1	82.2	82.4	82.6	82.9	83.6
≥ 3500	62.7	70.2	72.1	74.1	76.9	78.4	79.9	81.2	82.1	82.9	83.2	83.3	83.5	83.7	84.0	84.7
≥ 3000	63.1	70.9	72.9	75.0	77.8	79.4	80.9	82.2	83.1	83.9	84.2	84.3	84.5	84.7	85.0	85.7
≥ 2500	63.6	71.9	74.0	76.2	79.1	80.7	82.2	83.5	84.4	85.2	85.6	85.7	85.9	86.1	86.4	87.1
≥ 2000	64.3	73.1	75.4	77.6	80.6	82.3	83.8	85.1	86.1	86.9	87.2	87.3	87.6	87.8	88.1	88.8
≥ 1800	64.6	73.9	76.3	78.7	81.7	83.5	85.1	86.4	87.5	88.3	88.7	88.8	89.1	89.2	89.6	90.3
≥ 1500	64.7	74.1	76.6	79.0	82.1	83.8	85.4	86.8	87.8	88.6	89.0	89.1	89.4	89.6	89.9	90.6
≥ 1200	64.9	74.7	77.2	79.7	82.9	84.7	86.4	87.8	88.9	89.8	90.2	90.3	90.6	90.8	91.1	91.8
≥ 1000	65.1	75.0	77.7	80.2	83.5	85.4	87.1	88.7	89.9	90.9	91.3	91.4	91.8	92.0	92.3	93.1
≥ 900	65.2	75.2	77.9	80.5	83.9	85.8	87.6	89.2	90.5	91.6	92.0	92.1	92.5	92.7	93.0	93.8
≥ 800	65.2	75.3	78.0	80.7	84.0	86.0	87.8	89.5	90.8	91.8	92.4	92.5	92.9	93.0	93.4	94.1
≥ 700	65.3	75.4	78.2	80.9	84.4	86.4	88.2	89.8	91.2	92.3	92.9	93.0	93.4	93.6	93.9	94.7
≥ 600	65.3	75.5	78.3	81.1	84.6	86.7	88.5	90.2	91.6	92.8	93.4	93.5	93.9	94.0	94.4	95.2
≥ 500	65.3	75.6	78.4	81.2	84.8	86.9	88.8	90.5	92.0	93.3	93.9	94.1	94.5	94.7	95.1	95.9
≥ 400	65.3	75.6	78.5	81.4	85.0	87.1	89.0	90.7	92.3	93.6	94.3	94.4	94.9	95.1	95.5	96.4
≥ 300	65.3	75.7	78.6	81.4	85.1	87.2	89.2	90.9	92.6	93.9	94.7	94.8	95.3	95.6	96.0	96.9
≥ 200	65.3	75.7	78.6	81.5	85.2	87.4	89.3	91.1	92.8	94.3	95.1	95.3	95.8	96.2	96.6	97.6
≥ 100	65.3	75.7	78.6	81.5	85.2	87.4	89.4	91.2	92.9	94.4	95.3	95.5	96.1	96.5	97.0	98.5
≥ 0	65.3	75.7	78.6	81.5	85.2	87.4	89.4	91.2	92.9	94.5	95.4	95.5	96.1	96.5	97.1	99.2

TOTAL NUMBER OF OBSERVATIONS 7432

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/...

# CEILING VERSUS VISIBILITY

23112 MARCH 1983 RIVERSIDE 06-73-73-78 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

F. H. FEET	VISIBILITY STATUTE MILES															
	20	24	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	39.1	50.7	55.2	59.6	65.5	68.1	71.1	71.3	71.8	72.4	72.7	72.9	73.0	73.0	73.2	73.7
2000	40.2	52.0	56.7	61.1	67.2	69.9	71.9	73.2	73.7	74.3	74.7	74.7	74.9	75.0	75.2	75.7
1800	40.3	52.1	56.8	61.3	67.3	70.0	72.1	73.4	73.9	74.5	74.8	74.9	75.1	75.2	75.4	75.9
1600	40.4	52.2	56.9	61.4	67.5	71.1	72.2	73.5	74.0	74.6	75.0	75.0	75.2	75.3	75.5	76.0
1400	40.8	52.8	57.5	62.1	68.2	70.9	73.0	74.3	74.8	75.5	75.8	75.9	76.1	76.2	76.3	76.8
1200	41.4	53.5	58.3	63.0	69.1	71.9	74.0	75.3	75.9	76.5	76.8	76.9	77.1	77.3	77.4	77.9
1000	41.9	54.3	59.1	63.8	70.0	72.8	75.0	76.3	76.9	77.5	77.9	78.0	78.2	78.3	78.5	79.0
900	42.1	54.4	59.3	64.0	70.3	73.1	75.2	76.6	77.1	77.8	78.1	78.2	78.4	78.5	78.7	79.2
800	42.4	54.8	59.8	64.5	70.8	73.6	75.8	77.1	77.7	78.4	78.7	78.8	79.0	79.1	79.3	79.6
700	42.6	55.1	60.0	64.8	71.1	73.9	76.1	77.5	78.0	78.7	79.0	79.1	79.3	79.4	79.6	80.1
600	42.9	55.5	60.4	65.2	71.5	74.3	76.5	77.9	78.5	79.2	79.5	79.6	79.8	79.9	80.1	80.6
500	43.3	56.0	60.9	65.7	72.1	74.9	77.1	78.5	79.1	79.8	80.1	80.2	80.4	80.5	80.7	81.2
450	43.5	56.3	61.2	66.0	72.4	75.3	77.5	78.9	79.4	80.1	80.4	80.5	80.8	80.9	81.0	81.5
400	44.4	57.4	62.5	67.3	73.8	75.6	76.9	80.3	80.8	81.5	81.9	81.9	82.2	82.3	82.4	83.0
350	45.2	58.5	63.6	68.5	75.1	77.9	81.2	81.6	82.2	82.9	83.2	83.3	83.5	83.6	83.8	84.3
300	46.1	59.9	65.2	70.2	76.8	79.7	82.0	83.4	84.0	84.7	85.0	85.1	85.4	85.5	85.6	86.2
250	46.9	61.3	66.7	71.9	78.6	81.5	83.8	85.3	85.8	86.6	86.9	87.0	87.2	87.3	87.5	88.0
200	47.4	62.4	67.9	73.3	80.1	83.2	82.5	87.0	87.6	88.4	88.7	83.8	89.0	89.1	89.3	89.8
180	47.5	62.7	68.3	73.7	80.6	83.7	86.1	87.6	88.2	88.9	89.3	89.3	89.6	89.7	89.9	90.4
150	47.8	63.4	69.1	74.7	81.8	85.0	87.4	89.0	89.5	90.3	90.7	90.8	91.0	91.1	91.3	91.8
120	48.0	63.8	69.7	75.4	82.7	86.0	88.5	90.1	90.7	91.5	91.9	92.0	92.2	92.3	92.5	93.0
100	48.0	64.0	70.0	75.8	83.3	86.6	89.2	90.8	91.5	92.3	92.7	92.8	93.0	93.2	93.3	93.9
90	48.1	64.1	70.2	76.1	83.6	87.0	89.6	91.3	92.0	92.8	93.2	93.3	93.6	93.7	93.9	94.4
80	48.1	64.2	70.3	76.3	83.9	87.3	90.0	91.8	92.5	93.3	93.8	93.9	94.1	94.2	94.4	95.0
70	48.1	64.3	70.4	76.4	84.1	87.6	90.3	92.1	92.8	93.7	94.1	94.2	94.5	94.6	94.8	95.4
60	48.1	64.3	70.5	76.5	84.2	87.8	91.6	92.5	93.3	94.2	94.7	94.8	95.1	95.2	95.4	96.0
50	48.1	64.3	70.5	76.5	84.4	88.0	90.9	92.9	93.7	94.8	95.3	95.4	95.7	95.8	96.1	96.6
40	48.1	64.4	70.6	76.6	84.5	88.1	91.1	93.2	94.1	95.3	95.8	96.0	96.3	96.5	96.7	97.3
30	48.1	64.4	70.6	76.6	84.5	88.2	91.1	93.2	94.1	95.6	96.2	96.4	96.8	97.1	97.4	98.0
20	48.1	64.4	70.6	76.6	84.5	88.2	91.2	93.4	94.4	95.7	96.4	96.6	97.2	97.5	97.9	98.9
10	48.1	64.4	70.6	76.6	84.5	88.2	91.2	93.4	94.4	95.7	96.4	96.7	97.2	97.6	98.1	99.5
0	48.1	64.4	70.6	76.6	84.5	88.2	91.2	93.4	94.4	95.7	96.4	96.7	97.2	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 87625

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

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

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

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

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

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

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

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

Continued on Reverse

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

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\Sigma X^2$ ), sums of values ( $\Sigma X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

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

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR MATER SERVICE/AC  
 23117      MARCH 1973      CA/RIVERS IDL  
 STATION                      STATION NAME

**DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.1	.1		.4				.1
105						.7	1.9	2.0	1.6				.5
100						4.4	11.1	11.9	9.2	.9			2.2
95				.8	3.0	14.6	35.9	36.1	26.4	7.1			10.4
90			.2	3.0	13.2	30.1	71.9	68.6	47.5	18.9	1.3	.1	21.0
85	.5	1.3	1.7	11.3	27.4	50.1	92.4	86.3	64.2	33.3	7.9	.6	31.2
80	3.0	5.9	8.8	22.8	36.9	63.4	93.5	95.5	79.2	49.1	23.1	4.1	41.3
75	11.0	14.6	20.5	37.7	54.7	82.8	99.9	99.2	90.0	66.1	38.6	15.3	52.7
70	23.1	29.7	35.6	55.2	74.7	93.2	100.0	99.9	98.0	82.9	54.4	32.0	65.0
65	38.9	46.4	52.3	71.9	87.2	97.3		100.0	100.0	93.9	69.8	49.5	75.8
60	56.9	68.2	73.8	86.3	95.7	99.7				98.4	86.4	67.3	86.1
55	77.2	86.7	90.8	96.7	99.7	100.0				99.9	95.9	83.4	94.3
50	92.8	97.0	98.4	99.3	100.0					100.0	95.6	95.4	98.5
45	98.4	100.0	99.8	100.0							100.0	99.4	99.8
40	99.9		100.0									100.0	100.0
35	100.0												100.0
MEAN	62.0	64.5	65.0	71.2	76.2	84.0	92.5	91.9	87.8	79.5	70.9	64.3	75.9
S D	9.171	8.843	9.102	10.107	9.733	9.717	5.606	6.564	9.220	9.968	9.697	9.057	13.933
TOTAL OBS	930	847	930	900	930	900	930	930	899	930	900	930	10936

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC  
 23110 MARCH AFB CA/RIVERSIDE  
 STATION STATION NAME

### DAILY TEMPERATURES

1970 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75							.1	.4	.4				.1
70							4.5	5.8	2.6				1.1
65						2.1	23.4	22.4	13.9	.8			6.2
60			.1		.2	12.5	59.8	62.5	37.8	5.3	.7		15.1
55	.3	.7	.5	2.9	15.2	54.1	91.2	91.6	70.0	23.1	2.6	.8	29.7
50	3.7	7.1	7.0	20.9	60.1	91.4	99.8	99.9	93.0	58.1	13.8	5.5	46.9
45	20.3	23.7	31.1	53.2	88.4	98.0	100.0	100.0	99.6	84.4	45.8	19.0	63.9
40	42.3	53.5	66.6	82.4	98.4	99.9			100.0	96.7	77.2	45.4	80.3
35	67.1	81.0	89.0	96.6	99.9	100.0				99.7	92.3	73.7	91.7
33	78.5	89.3	94.3	98.6	100.0					99.8	95.8	82.2	94.9
30	89.6	96.9	98.8	99.7							99.2	92.9	98.1
25	98.3	99.0	99.9	100.0						100.0	100.0	98.7	99.7
20	99.7	100.0	100.0									99.8	100.0
15	100.0											100.0	100.0
MEAN	38.0	40.2	41.6	44.7	50.1	55.0	61.1	61.4	57.9	50.4	43.5	30.7	48.6
S D	5.756	6.030	5.458	5.505	4.434	4.248	4.972	5.054	5.854	5.775	5.819	6.494	9.995
TOTAL OBS	930	847	930	900	930	900	930	930	899	930	900	930	10956



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

**EXTREME VALUES**

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS.

23115 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

48-22

YEARS

W-DLE DEG?FFS FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48									107	94	83	75	
49	65	79	74	92	95	93	100	103	107	95	92	83	101
50	79	81	86	89	88	103	102	106	101	103	92	90	100
51	83	85	85	88	90	94	100	98	104	97	86	72	104
52	71	73	82	88	92	95	98	101	100	100	85	73	101
53	80	80	86	80	87	97	103	102	104	99	85	61	104
54	80	87	82	95	88	102	102	102	98	99	85	70	102
55	77	79	86	85	93	97	98	106	110	97	87	77	110
56	78	70	84	87	99	100	97	105	104	90	90	80	105
57	73	85	82	85	91	103	105	101	100	85	80	79	102
58	77	81	74	95	92	95	107	100	102	100	88	68	107
59	85	79	85	96	85	99	107	102	100	99	85	82	107
60	73	71	85	90	96	100	108	100	102	93	83	80	100
61	82	79	80	97	89	110	102	101	97	97	88	75	110
62	65	78	84	96	93	105	101	104	102	94	90	80	105
63	72	87	82	83	88	92	100	103	103	87	84	78	103
64	82	75	81	91	87	102	105	103	96	99	81	71	105
65	78	80	78	91	93	89	101	106	96	100	84	61	100
66	77	74	92	95	100	102	98	100	100	93	85	75	102
67	77	82	83	73	103	98	103	109*	94	96	88	75	109
68	77	85	87	89	100	100	102	101	104	99	87	75	104
69	81	67	82	84	92	100	102	106	104	96	87	78	106
70	72	82	80	84	99	106	105	107	100	99	90	76	107
71	85	85	89	88	89	100	107	107	114	102	87	63	114
72	72	83	93	89	98	104	110	105	96	87	81	80	110
73	79	70	68	89	101	107	107	102	96	96	82	81	107
74	74	76	78	86	100	102	100	99	100	95	86	75	102
75	82	78	83	77	94	94	99	106	102	97	91	84	105
76	85	81	81	90	98	105	103	105	96	92	88	77	105
77	73	87	78	88	91	93	101	98	98	95	89	81	101
MEAN													
S. D.													
TOTAL OBS.													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

3

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

### EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

23119  
STATION

MARCH AFB CA/RIVERSIDE  
STATION NAME

48-78  
YEARS

VALUES DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	74	77	84	78	101	97	106	102					
MEAN	77.6	79.4	82.5	87.9	94.0	99.8	102.6	103.0	101.5	95.6	86.4	78.2	105.7
S D	4.987	5.315	5.117	5.848	5.119	4.717	3.399	2.877	4.364	4.499	3.266	5.056	2.994
TOTAL OBS.	930	847	930	900	930	900	930	930	879	930	900	930	10950

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

USAF ETAC FORM 0-88-5 (OIA)

3

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

**EXTREME VALUES**

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

23115 MARCH APR CA/RIVERSIDE  
STATION STATION NAME

48-28

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48									45	30	35	28	
49	23	27	35	38	40	42	50	52	47	36	41	27	29
50	26	31	34	39	39	45	53	50	49	45	30	32	26
51	29	31	32	37	41	49	53	50	52	47	34	29	27
52	27	35	32	42	44	46	54	55	45	44	33	31	27
53	33	27	31	33	40	44	57	52	48	40	33	30	27
54	29	32	30	41	42	45	55	51	50	47	39	28	26
55	31	28	32	32	40	45	52	57	46	45	34	29	26
56	31	29	32	34	45	49	54	54	55	38	34	32	29
57	32	32	39	39	45	51	55	52	52	43	35	36	32
58	32	36	33	38	47	49	53	58	53	47	26	33	26
59	37	33	40	43	41	51	59	52	52	47	37	34	32
60	25	32	38	39	41	50	54	53	52	44	36	27	25
61	30	37	37	37	46	48	56	50	47	37	33	32	30
62	27	32	33	40	42	47	51	51	46	40	30	23	23
63	18	38	29	32	40	42	51	53	54	44	32	26	16
64	26	27	27	35	40	44	52	53	47	40	30	30	26
65	27	22	33	36	36	45	52	54	44	43	34	31	27
66	25	25	27	39	44	45	49	52	44	38	31	29	25
67	29	30	25	32	33	41	55	60*	55	42	32	27	25
68	23	35	27	28	38	46	49	50	46	42	29	17	17
69	27	29	30	34	44	49	50	53	49	35	29	20	20
70	21	30	30	27	40	43	54	58	45	38	34	27	21
71	25	25	24	31	41	39	53	49	42	28	29	17	17
72	24	25	29	32	37	50	53	54	46	40	30	23	23
73	16	34	31	29	37	47	51	52	48	40	31	31	16
74	31	28	33	34	35	48	51	53	51	43	36	25	25
75	23	24	33	34	37	49	52	52	53	37	29	27	23
76	21	37	30	38	48	49	57	51	53	40	32	31	21
77	33	32	31	37	43	52	54	57	50	44	37	31	31
MEAN													
S.D.													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

3

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

### EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME

48-78 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
78	35	32	41	32	42	49	53	52					
MEAN	27.2	30.3	31.9	35.6	41.0	47.0	53.1	53.1	48.3	40.8	32.8	28.1	24.7
S D	4.906	4.167	4.143	4.090	3.620	3.011	2.377	2.815	3.440	3.954	3.333	4.559	4.653
TOTAL OBS.	936	847	930	700	930	900	930	930	899	930	900	930	10956

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

USAF ETAC FORM 04-64 04-5 (OLA)

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-7, 73-75  
YEARS

JAN  
MONTH

PAGE 1 3000-0200  
FORM NO. 1

Temp T	WET BULB TEMPERATURE DEPRESSION (°F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+3'	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point													
64/ 63										.2	.1	.1						4	4															
62/ 61										.1								1	1															
60/ 59							.1	.1	.3									5	5															
58/ 57			.1				.1	.1	.3	.1	.1							2	5															
56/ 55		1.5	.1		.1	.1		.3	.5	.2								27	27	8														
54/ 53		1.7	.2	.3	.2	.2	.2	1.1	.2									55	45	9	14													
52/ 51	.4	3.1	.4	.4	.2	.3	.3	1.1	.5	.4								57	68	24	19													
50/ 49	.2	5.5	3.4	.9	.3	.4	.8	.8	.1	.3								117	118	43	23													
48/ 47	.5	4.7	1.4	.5	.5	1.0	.4	.4	.2									93	93	82	61													
46/ 45	.6	4.0	1.7	1.4	.4	1.7	.3	.0	.2									103	103	73	50													
44/ 43	.3	4.4	3.4	1.1	.0	.0	.4	.1	.1									105	105	64	53													
42/ 41	.2	2.6	1.4	2.0	.0	.5	.2											72	72	65	52													
40/ 39	.3	4.5	2.3	1.8	.6	.3	.4											95	96	98	47													
38/ 37	.4	3.2	2.3	1.0	.6	.3	.2											76	76	117	76													
36/ 35		.9	1.1	.8	.5	.1												31	31	89	58													
34/ 33		1.2	1.4	.0	.1													31	31	70	40													
32/ 31		.4	.5	.1	.4													14	14	47	56													
30/ 29		.6	.4	.1	.3													14	14	39	44													
28/ 27		1.1	.5		.1													16	16	29	50													
26/ 25		.1	.2															3	3	17	42													
24/ 23																				7	54													
22/ 21																				2	36													
20/ 19																				1	32													
18/ 17																					22													
16/ 15																					27													
14/ 13																					10													
12/ 11																					8													
10/ 9																					17													
8/ 7																					4													
6/ 5																					4													
4/ 3																					5													
0/ -1																					7													
-2/ -3																					7													
-4/ -5																					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	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM NO. 0-26-5 (OL A) REVISION 10-65 (OF 1)



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

23117 MARCH APR CA/RIVERSIDE

7-7, 73-78

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														
66/ 65										.1	.1	.1						3	3																
64/ 63										.1								1	1																
62/ 61										.1								1	1																
60/ 59										.1								1	1																
58/ 57		.1				.1		.2	.1									5	5																
56/ 55		1.0					.1	.3	.2									15	15	4															
54/ 53		1.7	.4		.3		.1	.2	.2	.2								36	30	9	9														
52/ 51	.1	3.6	.5	.4	.3	.2	.6	1.2	.2									67	57	26	20														
50/ 49	.4	4.5	1.3	.1	.4	.1	1.1	.4	.1	.3								87	87	34	22														
48/ 47	.9	4.6	1.8	1.1	.4	.4	.8	.1	.4									98	98	64	57														
46/ 45	.3	4.6	1.2	1.5	.5	.6	.1	.6	.4									95	93	70	47														
44/ 43	.3	3.8	1.3	.4	1.0	1.0	.1											77	77	82	57														
42/ 41	.3	3.4	1.4	1.4	1.3	.3	.1	.3										80	80	69	62														
40/ 39	.5	4.2	1.9	1.8	.4	.4	.1											88	88	32	42														
38/ 37	.4	2.9	2.2	2.2	1.1	.2	.1											84	84	98	55														
36/ 35	.2	3.9	1.5	.4	.8													63	63	95	63														
34/ 33	.3	1.8	1.6	.8	.3													47	47	94	46														
32/ 31		1.4	.6	.3		.2												25	25	82	39														
30/ 29		1.1	.8	.6	.1													24	24	49	62														
28/ 27	.1	1.0	.6	.6	.1													23	23	36	54														
26/ 25		.5	.2	.1														8	8	24	53														
24/ 23		.3																3	3	13	41														
22/ 21		.3		.1														4	4	7	40														
20/ 19	.2																	2	2	7	30														
18/ 17																				1	39														
16/ 15																					27														
14/ 13																					15														
12/ 11																					10														
10/ 9																					14														
8/ 7																					2														
4/ 3																					1														
2/ 1																					6														
0/ -1																					5														
-2/ -3																					6														
Element (X)	Σ X <sup>2</sup>	Σ X	Σ	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																																			

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LEATHER SERVICE/44C

PSYCHROMETRIC SUMMARY

23119      MARCH AFB CA/RIVERSIDE      7-75,73-75      JAN  
STATION    STATION NAME    YEARS    MONTH  
 PAGE 2      0300-0500  
HOURS U.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															
-4/ -5																																								5
TOTAL	4.0	4.4	8.1	8.0	11.9	7.1	3.7	3.2	3.0	1.7	.9	.1	.1																									929	929	

USAF ETAC      FORM 0-26-5 (OL A)      REVISED PER INSTRUCTIONS OF THIS FIX      ARE OBSOLETE

Element (X)	Σx <sup>2</sup>	Σx	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	5186861	66219	71.7	22.428	929							Total
Dry Bulb	1719592	39376	42.4	7.386	929		8.9					93
Wet Bulb	1410439	35551	38.3	7.338	929		20.0					93
Dew Point	1091139	29871	32.2	11.866	929	1.4	44.8					93

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JAN

PAGE 1 0600-0600

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65																		1	1		
64/ 63										.1	.2	.1						4	4		
62/ 61										.1	.2	.3						6	6		
60/ 59			.1					.1	.5	.1								5	8		
58/ 57		.5						.1	.2	.1	.1							11	11	1	
56/ 55		.4				.1	.1	.5		.4								15	15	6	4
54/ 53		.8	.4			.2	.1	.2	.5	.1	.2							24	24	3	5
52/ 51	.1	3.4	1.0	.4				.2	.3		.2	.1						58	58	16	0
50/ 49	.4	4.5	1.5	.2	.3	.1	1.0	.6	.2									83	83	45	30
48/ 47	.1	3.0	1.7	.8	.8	.3	.9	.2	.3	.1								79	79	66	55
46/ 45	.7	5.2	1.3	1.0	.6	.9	.5	.3	.2									101	101	60	57
44/ 43	.3	3.8	1.9	.3	.4	1.4	.3	.3	.1									85	85	61	35
42/ 41	.2	3.5	1.2	1.3	.8	.3	.3	.2										73	73	61	60
40/ 39	.4	3.7	2.0	2.0	.5	.5	.1											87	87	60	51
38/ 37	1.2	3.4	1.8	.9	.4	.4	.1											77	77	80	63
36/ 35	.6	2.9	2.4	.6	1.0	.2												72	72	113	47
34/ 33	.5	3.0	1.8	.8	.1													58	58	87	52
32/ 31	.2	1.8	.6	.2														26	28	71	58
30/ 29	.1	1.6	.6	.2	.1													25	25	57	56
28/ 27	.1	.8	.4	.3														15	15	40	62
26/ 25	.1	.8	.1	.2														11	11	20	50
24/ 23		.5																5	5	13	46
22/ 21		.1	.1															2	2	5	28
20/ 19	.1																	1	1	3	38
18/ 17																				1	35
16/ 15		.1																1	1	1	37
14/ 13																					7
12/ 11																					10
10/ 9																					11
8/ 7																					6
6/ 5																					3
4/ 3																					2
2/ 1																					4
0/ -1																					3
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	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME

7-70, 73-78 YEARS

JAN MONTH

PAGE 2

0600-0600 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
-2/ -3																				
-4/ -5																				
TOTAL	0.0	4.3	9.2	9.2	5.4	4.4	4.3	2.9	2.3	1.4	.8						930	930	930	
Element (X)	Σx²	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum	5221419	66289	71.3	23.117	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	1725963	39421	42.4	7.693	930		8.8					93								
Wet Bulb	1401581	35483	38.2	7.171	930		21.1					93								
Dew Point	1075198	29720	32.0	1.620	930	1.2	46.5					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

23113 MARCH AFB CA/RIVERSIDE

7-70, 73-78

JAN

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															
82/ 81																.1	.1																1	1			
78/ 77																																		3	3		
76/ 75																										.3	.2							4	5		
74/ 73																									.1	.3	.1	.1						6	6		
72/ 71																									.2	.8	.4	.2						15	15		
70/ 69																.1	.1	.4	.4	.3	.1												14	14			
68/ 67															.3	.2	.4	.6	.3	.4	.1												23	23			
66/ 65												.1				.3	.6	.5	.6														21	21			
64/ 63									.1	.4	.4	.6	.4	.4	.5	.6																	30	30			
62/ 61					.3	.1	.4	.5	.4	1.2	.6	.5	.5	.2																			39	39			
60/ 59		.1	.3		.5	.8	.5	1.0	.4	1.1	.3	.2																					47	47			
58/ 57		.4	.3	.3	.9	.3	.8	.9	.6	.5	.3	.2																					54	54	3	1	
56/ 55		1.1	2.4	.9	1.2	1.3	.6	1.0	.8	.4	.2																						91	91	17	5	
54/ 53	.1	3.2	2.9	1.0	.8	.9	.4	.3	.5	.4	.1																						99	99	36	6	
52/ 51	.1	2.6	3.7	1.5	.9	1.2	.5	1.0	.4	.4																							114	114	87	24	
50/ 49	.1	3.5	2.0	1.3	1.4	1.2	.6	.6	.2																								103	103	116	53	
48/ 47	.3	2.8	2.3	1.4	.4	.3	.9	.3	.2																								83	83	124	68	
46/ 45	.1	3.7	1.6	1.4	1.2	.6		.1																									75	75	128	61	
44/ 43		1.2	.8	.9	.5	.3	.4																										38	38	112	63	
42/ 41	.1	1.0	.6	.8	.2	.3	.1																										29	29	108	84	
40/ 39	.3	.4	.9	.3	.3	.2																											23	23	54	52	
38/ 37	.1	.2	.3	.1																													9	9	58	44	
36/ 35			.1	.1	.1	.1																											4	4	49	45	
34/ 33		.1	.3																														4	4	21	41	
32/ 31																																				16	54
30/ 29																																				4	63
28/ 27																																				1	43
26/ 25																																				1	39
24/ 23																																					25
22/ 21																																					34
20/ 19																																					19
18/ 17																																					31
16/ 15																																					22
14/ 13																																					11
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature										Total																		
Ref. 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

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE  
STATION NAME

7-73-78  
YEARS

JAN.  
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		
12/ 11																						11	
10/ 9																						8	
8/ 7																						0	
6/ 5																						5	
4/ 3																						5	
2/ 1																						3	
0/ -1																						4	
TOTAL	1.320	318.5	10.2	8.3	8.1	6.0	6.3	5.7	5.2	3.9	3.2	1.8	.9	.2	.1							930	
																						930	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$S^2$	No. Obs	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3605389	52585	56.5	6.105	930							
Dry Bulb	2677043	49347	53.1	7.944	930			6.7	1.5	.1		93
Wet Bulb	1878563	41475	44.5	5.579	930			3.2				93
Dew Point	1242597	32191	34.6	1.754	930	.4	38.3					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

23113 MARCH APR CA/RIVERSIDE

7-73, 73-78

JAN

PAGE 1 1250-1460

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point														
86/ 85																				.1													1	1				
84/ 83																				.1													1	1				
82/ 81																			.2	.6												6	8					
80/ 79															.1	.9	.4	.3														16	16					
78/ 77														.4	.1	.9	.4	.1														18	15					
76/ 75													.2	.5	.5	.9	.6	.1														27	27					
74/ 73												.1	.5	1.3	1.6	1.3	.3															48	48					
72/ 71											.1	.4	.3	.9		1.5	.1															29	29					
70/ 69								.1	.2	.4	.6	.6	.5	1.0	.4																	37	37					
68/ 67							.1	.3	.9	.3	1.2	1.3	.4	1.2	.1																	51	51					
66/ 65					.4	.3	.4	.9	.4	1.1	1.4	1.6	.2	.1																		64	64					
64/ 63			.1	.1	.2		1.2	1.2	1.2	1.3	2.2	.1	.1																			71	71					
62/ 61		.1	.2	.6	1.0	.9	.9	.9	1.0	.8	.1	.5																				65	65					
60/ 59		.3	.1	.9	1.5	1.2	1.1	.6	.4	1.0	1.2	.2																				79	79	3				
58/ 57		1.2	1.7	2.4	1.3	1.5	.5	.3	.3	.6	1.1																					103	173	12	2			
56/ 55		.9	2.4	2.3	1.0	.9	.6	.4	.4	.1	.4																					96	96	45	9			
54/ 53		2.0	1.2	.8	.9	.9	.3	.4	.9	.1	.1																					70	70	99	16			
52/ 51		1.1	2.3	.6	.6	.1	.5	.4	.2	.1																						57	57	150	20			
50/ 49		.3	.6	.6	.4	.3	.2	.2	.3																							34	34	156	52			
48/ 47		.9	.6	.4	.3	.2	.5	.1																								30	30	114	59			
46/ 45		.2	.4	.4		.4	.2																									16	16	118	55			
44/ 43			.2	.3																												5	5	86	49			
42/ 41				.1																												1	1	43	50			
40/ 39			.2																													2	2	54	52			
38/ 37		.1																														1	1	36	48			
36/ 35																																		16	38			
34/ 33																																	3	49				
32/ 31																																			52			
30/ 29																																			50			
28/ 27																																			47			
26/ 25																																			44			
24/ 23																																			37			
22/ 21																																			32			
20/ 19																																			38			
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$\sigma_x$		No. Obs:	Mean No. of Hours with Temperature																												
Rel. Hum.										$\leq 0 F$	$\leq 32 F$	$\leq 57 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 04 JUL 64 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-7, 73-78

JAN

PAGE 1

1500-1700

HOURS 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	B.W.B.	Dry Bulb	Wet Bulb	Dew Point																				
65/ 65																	.1															1	1									
64/ 63																	.1																1	1								
62/ 61																	.4																4	4								
60/ 79														.1	.4	.3	.3																11	11								
78/ 77														.1	.3	.4	.5																	15	15							
76/ 75														.1	.4	.6	.5	.5																	22	22						
74/ 73														.8	.9	1.0	.2	.1																	27	27						
72/ 71									.1				.2	.4	.3	.9	.4	.6																	29	29						
70/ 69									.4	.4	.6	1.3	.2	1.6	.2																				45	45						
68/ 67						.3	.3	.4	1.0	.3	1.4	1.0	.6	.1																						51	51					
66/ 65						.3	1.0	.5	.4	1.1	.6	.3	.3																							43	43					
64/ 63				.1	.3	.5	1.2	1.1	1.2	1.1	1.2	.9	.6	.1																							66	66				
62/ 61			.2	.1	1.1	1.1	1.1	1.0	1.1	1.1	.6	.2	.1																								61	61				
60/ 59		.4	.3	1.2	1.4	1.3	1.3	1.3	.6	1.4	.8	.1																									95	95		1		
58/ 57		1.2	1.1	2.5	1.0	1.2	.3	1.4	.3	.5	.5	.2																									101	101		9 3		
56/ 55		.9	2.3	1.4	1.0	1.0	.8	.6	.5	.5	.6																										95	95		43 5		
54/ 53	.2	1.3	1.9	1.4	.4	.9	.5	.4	.3	.6	.1																										77	77		96 17		
52/ 51	.2	2.3	1.1	1.2	.8	.4	.9	.4	.2	.1																											70	70		152 24		
50/ 49	.9	1.0	1.2	.8	.4	.6	.5	.1																													57	57		134 49		
48/ 47	.4	.8	.3	.5	.2	.4																															25	25		137 59		
46/ 45		.4	.4	.3	.3	.2	.1																														17	17		103 52		
44/ 43	.1		.2		.1	.1																															5	5		86 69		
42/ 41	.2																																				2	2		56 57		
40/ 39	.5	.1																																			6	6		42 57		
38/ 37	.3																																				3	3		39 46		
36/ 35																																									20	52
34/ 33																																								7	54	
32/ 31																																								2	48	
30/ 29																																										46
28/ 27																																										55
26/ 25																																										37
24/ 23																																										27
22/ 21																																										34
20/ 19																																										38
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																																										

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/TAC

# PSYCHROMETRIC SUMMARY

23118 MURCH AFS CA/RIVERSIDE 7-70, 73-75 JAN 1500-1700

PAGE 2 1500-1700  
HOURS U.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION / F.																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					31
18/ 17																																				32
16/ 15																																				13
14/ 13																																				10
12/ 11																																				7
10/ 9																																				16
8/ 7																																				6
6/ 5																																				4
4/ 3																																				7
2/ 1																																				3
0/ -1																																				2
TOTAL		8.5	9.6	10.1	7.9	8.1	8.8	7.9	6.9	6.1	6.1	5.0	5.3	2.8	1.7	1.0																929	929	929		
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2437909	41807		45.02	4.488	929	= 67 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93																							
Dry Bulb	3377721	55473		59.7	8.387	929			20.6	6.1	1.1		93																							
Wet Bulb	2114949	44059		47.4	5.231	929		.2					93																							
Dew Point	1222756	31832		34.31	1.928	929	.2	38.5					93																							

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

67-70, 73-78

JAN

STATION

STATION NAME

YEARS

MOON

PAGE 1 1900-2000

HOURLY (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												.2						2	2							
72/ 71												.2	.1					3	3							
70/ 69									.1	.1	.3	.1	.1					7	7							
68/ 67									.2	.2	.2	.1						7	7							
66/ 65							.1	.1	.1	.3	.4	.5						14	14							
64/ 63							.1	.2	.2	.5	.4	.1						15	15							
62/ 61						.4	.4	.1	.8	.3								19	19							
60/ 59			.1	.1	.2	1.0	1.1	1.0	.8	.3	.5	.1						48	48							
58/ 57		.9	.5	.4	.5	1.3	.4	.8	1.0	.6	.3							63	63	2	1					
56/ 55		1.2	1.6	.9	1.2	.6	1.4	.9	1.4	.5	.2							93	93	16	3					
54/ 53	.2	2.4	2.5	1.5	1.1	1.2	.5	.6	.9	.2	.4							103	108	15	15					
52/ 51	.4	4.0	5.0	1.4	1.0	1.0	.6	.3	1.1	.4								153	153	38	16					
50/ 49	.2	3.5	3.7	1.0	1.1	1.0	.5	.4	.3	.2								111	111	107	49					
48/ 47	.1	2.6	3.0	1.5	1.0	.8	.1	.2	.4									90	90	151	59					
46/ 45	.1	1.6	1.5	2.2	.5	.5	.5	.4	.3									77	72	128	78					
44/ 43	.3	1.7	.9	.4	1.0	.4	.1											49	49	94	70					
42/ 41	.0	.4	1.0	.5	.2	.4												30	30	89	53					
40/ 39	.6	.6	.5	.1	.4	.1												23	23	90	48					
38/ 37	.5	.4	.3		.1													13	13	52	49					
36/ 35	.3	.4																7	7	46	53					
34/ 33	.1	.1																2	2	39	56					
32/ 31					.1													1	1	20	38					
30/ 29																				11	50					
28/ 27																				1	25					
26/ 25																					37					
24/ 23																				1	34					
22/ 21																					32					
20/ 19																					32					
18/ 17																					22					
16/ 15																					22					
14/ 13																					16					
12/ 11																					10					
10/ 9																					14					
8/ 7																					7					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total														
Ref. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 92 F$															
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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



1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23119 MARCH AFB CA/RIVERSIDE  
STATION NO STATION NAME

7-7, 73-76  
YEARS

JAN  
MONTH

PAGE 1 2100-2300  
HOURS U.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 Pt.		
70/ 69																		.1												1	1				
66/ 65																	.1				.2									3	3				
64/ 63												.1	.1	.3	.3															5	5				
62/ 61												.1	.4	.2																7	7				
60/ 59											.3	.2	.2	.3																17	10				
58/ 57		.4	.2	.1	.1	.1	.3	.3	.1	.2																				15	18				
56/ 55		1.5	.3	.3	.5	.5	.3	.2	1.0	.0																				51	50	10	4		
54/ 53	.3	1.8	.5	.6	.5	1.0	.4	1.1	1.2	.1																				71	71	13	18		
52/ 51	.4	4.5	1.6	1.3	.2	.3	.8	1.0	.4	.5																				101	101	31	19		
50/ 49	.1	5.5	3.9	.8	.4	.5	1.3	.8	.5	.1																				129	129	66	40		
48/ 47	.2	4.3	2.5	1.0	2.3	.0	.3	.3	.1	.1																				115	115	51	49		
46/ 45	.1	5.8	2.2	1.7	1.3	1.1	.4	.1	.2																					120	120	112	61		
44/ 43		2.9	2.2	2.4	.0	.8	.1	.1																						84	54	111	74		
42/ 41		2.0	1.9	1.3	.0	.5	.3	.1																						64	64	83	67		
40/ 39		1.8	1.9	1.2	1.0	.4	.4																							63	63	115	58		
38/ 37		1.1	1.5	.6	.5	.2	.2																							39	39	103	52		
36/ 35		.6	1.2	.2	.1	.1	.1																							23	23	65	52		
34/ 33		.5	.8		.2																									13	13	59	48		
32/ 31		.2	.3	.1		.1																								7	7	30	50		
30/ 29		.1	.3																											4	4	24	56		
28/ 27																																	11	45	
26/ 25																																7	37		
24/ 23																																1	29		
22/ 21																																		32	
20/ 19																																		50	
18/ 17																																		23	
16/ 15																																		23	
14/ 13																																		6	
12/ 11																																		12	
10/ 9																																		11	
8/ 7																																		4	
6/ 5																																		3	
4/ 3																																		3	
2/ 1																																		4	
Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma_x$	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 (DL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-70, 73-78  
YEARS

JAN  
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														
86/ 85																.0		2	2																
84/ 83																.0		2	2																
82/ 81																.0	.1	13	13																
80/ 79													.0	.2	.1	.1		27	27																
78/ 77												.1	.1	.2	.2	.0		36	36																
76/ 75										.0	.1	.2	.2	.1	.0			54	54																
74/ 73									.0	.2	.3	.3	.2	.1				83	83																
72/ 71								.0	.1	.1	.3	.1	.3	.0				76	76																
70/ 69							.0	.1	.1	.2	.3	.2	.4	.1				104	104																
68/ 67						.1	.1	.2	.2	.3	.4	.2	.3	.0				132	132																
66/ 65					.1	.1	.2	.2	.2	.4	.4	.4	.1	.0				149	149																
64/ 63			.0	.0	.1	.1	.4	.4	.4	.5	.6	.2	.1					199	199																
62/ 61		.0		.1	.1	.3	.4	.3	.4	.5	.3	.0	.1					199	199																
60/ 59		.1	.1	.3	.4	.5	.5	.6	.4	.6	.3	.1						293	293		4														
58/ 57		.6	.6	.7	.5	.6	.3	.5	.4	.3	.3	.0						363	363	27	7														
56/ 55		1.0	1.1	.7	.7	.6	.6	.5	.7	.4	.2							482	482	141	33														
54/ 53	.1	1.9	1.3	.7	.6	.7	.3	.6	.5	.3	.1							524	524	283	100														
52/ 51	.2	3.2	2.0	.9	.5	.4	.6	.7	.4	.3	.0							688	688	554	148														
50/ 49	.2	3.5	2.3	.8	.6	.6	.8	.5	.3	.1								721	722	703	318														
48/ 47	.3	3.0	1.8	.9	.8	.5	.5	.2	.2	.0								613	613	8	477														
46/ 45	.3	3.1	1.2	1.3	.6	.8	.3	.3	.2									597	597	75	467														
44/ 43	.2	2.1	1.4	.8	.5	.7	.2	.1	.0									448	448	736	486														
42/ 41	.1	1.7	.9	1.0	.5	.3	.2	.1										351	351	619	495														
40/ 39	.2	2.0	1.3	1.0	.4	.3	.1											388	388	615	407														
38/ 37	.3	1.5	1.1	.6	.3	.2	.1											302	302	583	434														
36/ 35	.1	1.1	.8	.3	.3	.1	.0											200	200	493	408														
34/ 33	.1	.8	.8	.3	.1													155	155	380	386														
32/ 31	.0	.5	.3	.1	.1	.0												75	75	248	389														
30/ 29	.0	.4	.3	.1	.1													67	67	184	427														
28/ 27	.0	.3	.2	.1	.0													54	54	118	382														
26/ 25	.0	.2	.1	.0														22	22	69	339														
24/ 23		.1																8	8	36	293														
22/ 21		.1	.0	.0														6	6	14	258														
20/ 19	.0																	3	3	11	257														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 32 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 REVISU PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

# PSYCHROMETRIC SUMMARY

23112 MARCH AFB CA/RIVERSIDE

1-7, 75-78

YEARS

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																
18/ 17																																			2	245	
15/ 15		.0																																1	267		
14/ 13																																			1	89	
12/ 11																																				1	81
10/ 9																																					103
8/ 7																																				42	
6/ 5																																				29	
4/ 3																																				30	
2/ 1																																				26	
0/ -1																																				37	
-2/ -3																																				29	
-4/ -5																																				3	
TOTAL	2.227	3.176	10.6	7.3	6.7	3.0	3.2	4.5	4.1	3.3	2.0	1.6	1.2	.5	.3																			7437	7437	7437	
Element (X)	Σ X²	Σ X	$\bar{X}$	Sx	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	21944454	445920	60.026	6.463	7437	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	> 86 F	≥ 93 F	744																									
Dry Bulb	19482495	373062	50.210	0.183	7437		23.6	52.9	21.7	2.8		744																									
Wet Bulb	13891407	316971	42.6	7.166	7437			68.3				744																									
Dew Point	9399730	248862	33.512	0.008	7437	7.4	327.2					744																									

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-7J, 73-78

PLS  
MONTH

PAGE 1 0000-0200

HOURS U.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.	Dr. Bulb	Wet Bulb	Dew Point													
64/ 63											.1								1	1															
62/ 61								.1		.1									2	2															
60/ 59				.1			.2	.5											7	7															
58/ 57		.5	.1	.4			.1	.5		.4									16	16															
56/ 55	.2	.6	.8	.1	.2	.7	.4	.4											29	29	7	2													
54/ 53		1.7	.9	.2	.1	.1	.2	.0	.5	.4									40	40	7	7													
52/ 51		2.8	2.8	.2	.4	.2	.4	.8	.5										69	69	33	9													
50/ 49	.5	2.7	2.4	.5	.6	.0	.5	.2	.1										70	70	46	33													
48/ 47	.2	9.1	1.9	.4	.5	1.4	.5	.1											120	120	53	47													
46/ 45	.6	5.3	2.8	1.5	2.1	.6	.1												111	111	115	77													
44/ 43	.5	5.0	3.5	1.3	1.4	.2	.4												104	104	77	79													
42/ 41	.4	5.3	2.7	1.4	.5	.0	.1	.1											91	91	99	58													
40/ 39	.8	5.0	3.0	1.5	.4	.2													92	92	130	71													
38/ 37	.2	2.2	2.0	.6	.0		.1												51	51	105	72													
36/ 35	.2	1.4	.1	.2			.1												20	20	88	52													
34/ 33	.1	1.2	.2	.1															14	14	36	57													
32/ 31		.5	.1	.1															6	6	29	47													
30/ 29		.2	.1																3	3	13	50													
28/ 27																					5	46													
26/ 25																					3	34													
24/ 23																						22													
22/ 21																						17													
20/ 19																						15													
18/ 17																						9													
16/ 15																						17													
14/ 13																						9													
12/ 11																						3													
10/ 9																						5													
8/ 7																						4													
6/ 5																						1													
4/ 3																						3													
TOTAL	4.0	3.5	3.2	9.0	6.7	4.4	2.8	3.2	2.0	.8	.4								846	846		846													
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4934809	62045	73.32	1.331	846	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	1765916	38344	45.3	5.758	846		.9					84																							
Wet Bulb	1462751	34861	41.2	5.572	846		5.0					84																							
Dew Point	1170816	30378	35.9	9.731	846		28.0					84																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# PSYCHROMETRIC SUMMARY

20119 MARCH AFB CA/RIVERSIDE

7-73-73

FEE

PAGE 1 0300-0500  
 HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7	8	9-10	11-12	13-14	15	16	17	18	19-20	21	22	23	24	25	26	27	28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
58/ 57							.2	.1	.1	.2			.4												9	9									
56/ 55		.9	.2				.1		.4	.2		.5													20	20									
54/ 53	.2	1.7	.3			.2		.2	.2	.4		.5													35	35	11	3							
52/ 51	.2	2.2	2.1	.2		.1	.1	.6	.2	.2															54	54	24	19							
50/ 49	.5	1.9	1.7	.4	.5	.2	.2	.4																	45	48	36	20							
48/ 47	.7	5.3	1.8	.2	.4	.5	.4	.5																	87	92	45	36							
46/ 45	.6	5.4	2.2	.5	.8	.6	.1																		87	87	34	61							
44/ 43	1.7	6.1	2.1	1.9	1.2	.1		.1																	112	112	78	31							
42/ 41	.8	5.2	2.8	2.3	1.3	.6	.2																		110	110	90	56							
40/ 39	.8	4.3	3.0	2.0	.2	.1	.1																		89	89	89	75							
38/ 37	1.3	3.9	2.6	1.2	.5	.1																			81	81	107	48							
36/ 35	1.1	3.4	1.4	.6	.4																				58	58	115	69							
34/ 33	.5	1.9	1.2	.4																					33	33	75	55							
32/ 31	.1	.7	.2	.2																					13	13	42	48							
30/ 29	.2	.6	.2	.2																					11	11	26	54							
28/ 27			.1																						1	1	13	61							
26/ 25	.2	.1																							3	3	8	47							
24/ 23																													29						
22/ 21																													19						
20/ 19																													15						
18/ 17																													8						
16/ 15																													12						
14/ 13																													9						
12/ 11																													8						
10/ 9																													4						
8/ 7																													6						
4/ 3																													3						
TOTAL	9.04	3.72	2.8	9.8	5.6	2.7	2.0	2.1	1.1	.8	.4														846	846	846	846							
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel Hum.	5210152	64212	75.92	0.218	846	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total																							
Dry Bulb	1609430	36532	43.2	0.145	846		2.8					84																							
Wet Bulb	1363058	33576	39.7	0.007	846		8.8					84																							
Dew Point	1110390	29538	34.9	9.674	846		32.1					84																							

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23117 MARCH AFB CA/RIVERSIDE

7-76, 73-78

FE6

PACE 1 0600-0600  
HOURS U.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.S.	W.B.	Drv Bulb	Wet Bulb	Dew Point																		
64/ 53										.1								1	1																					
62/ 61										.1	.1							7	7																					
60/ 59										.1	.4	.4						7	7																					
58/ 57				.4					.1	.2	.4							7	8																					
56/ 55		.1	.7	.2	.5	.4	.1	.4	.1	.2	.1							24	24																					
54/ 53	.4	1.8	1.4		.1	.2	.2	.5	.4	.1								44	44																					
52/ 51	.1	1.9	1.3	.5	.2	.1	.6	1.1	.4									52	52																					
50/ 49	.1	2.1	1.5	.5	.4	.1	.4	.5	.2									57	52																					
48/ 47	.5	4.8	1.5	.4	.5	.5	.5	.8	.4									80	80																					
46/ 45	.5	6.5	.9	1.3	1.4	.9	.1	.2										102	102																					
44/ 43	1.5	5.8	2.2	1.4	1.7	.5	.1	.1										113	113																					
42/ 41	1.4	5.3	2.1	2.0	.4	.7	.1	.1										100	100																					
40/ 39	1.3	4.0	2.7	1.3	.1	.1												81	81																					
38/ 37	.8	3.5	1.8	.5	.4	.4												63	63																					
36/ 35	.7	3.0	2.1	.5		.1												54	54																					
34/ 33	.5	1.2	1.2	.2														26	26																					
32/ 31	.4	1.2	.4															16	16																					
30/ 29		1.1	.2	.1														12	12																					
28/ 27	.1	.1	.4															5	5																					
26/ 25	.2	.1																3	3																					
24/ 23	.1																	1	1																					
22/ 21																																								
20/ 19																																								
18/ 17																																								
16/ 15																																								
14/ 13																																								
12/ 11																																								
10/ 9																																								
8/ 7																																								
4/ 3																																								
TOTAL	8.7	42.6	21.0	9.1	5.4	4.0	2.7	3.3	1.7	.9	.5							846	846																					
Element (X):	ΣX²	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.	5100325	63125	74.6	21.489	846	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84																												
Drv Bulb	1650880	36964	43.7	6.511	846		3.7					84																												
Wet Bulb	1372582	33708	39.8	5.911	846		8.9					84																												
Dew Point	1099283	29397	34.7	9.595	846		32.9					84																												

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

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DATA PROCESSING - RANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 7-76, 73-78 FEB  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0930-1100  
 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														
82/ 81															.1			1	1																
80/ 79																.1		1	1																
78/ 77								.1		.1					.1		3	3																	
76/ 75											.1	.4	.4				6	6																	
74/ 73					.1				.1		.2	.2	.4	.1			10	10																	
72/ 71									.1	.1	.1	.6	.2				10	10																	
70/ 69						.2	.2	.1	.4	.4	.4	.5	.1				19	19																	
68/ 67					.1		.2	.4	.4	.6	.9	.6	.1				28	28																	
66/ 65					.1		.5	.4	.7	.7	.6	.7	.5				37	37	1																
64/ 63					.1	.1	.2	.6	1.1	.7	.4	.2					29	29	1																
62/ 61				.2	.7	.7	.5	1.3	.9	.2	.4	.2					52	52	1	1															
60/ 59			.1	.6	1.2	1.2	1.5	1.1	.9	.9	.2						66	66	1																
58/ 57		.6	.6	1.1	.6	1.1	1.2	.8	.8	.8	.1						69	69	5																
56/ 55	.1	.6	1.4	1.4	.9	1.2	1.1	.2	.6								64	64	26	5															
54/ 53	.1	1.5	1.9	1.9	1.5	1.4	.6	.5	.7	.1							87	87	44	10															
52/ 51		1.9	3.7	1.9	1.1	.7	.7	.5	.2								90	90	63	16															
50/ 49	.1	3.9	3.7	1.1	1.1	.4	.4	.2									91	91	107	38															
48/ 47	.4	4.3	1.4	.6	.6	.2		.1	.1								67	67	107	50															
46/ 45	.7	4.3	.9	.7	.2	.1	.1										60	60	160	104															
44/ 43	.4	2.1	.2	.1	.2												26	26	112	90															
42/ 41	.6	.8	.1	.2													15	15	78	80															
40/ 39	.4	.5	.2		.1												10	10	46	48															
38/ 37			.1														1	1	16	51															
36/ 35		.1															1	1	9	49															
34/ 33		.1															1	1	5	38															
32/ 31																			2	45															
30/ 29																				46															
28/ 27																				24															
26/ 25																				31															
24/ 23																				26															
22/ 21																				27															
20/ 19																				8															
18/ 17																				2															
16/ 15																				4															
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 700M JUL 64 0-26-5 (OL A) REPRODUCIBLE EDITIONS OF THIS FORM ARE AVAILABLE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/NAO

# PSYCHROMETRIC SUMMARY

23118      MARCH AFB CA/RIVERSIDE      7-7, 73-78      FC

PAGE 2      0900-1100  
HOURS .. 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						
14/ 13																																					
12/ 11																																					
5/ 5																																					
4/ 3																																					
TOTAL	2.720	7.14	7.10	0.0	8.7	7.3	7.2	6.4	6.5	6.1	5.3	5.1	1.9	.9	.4																		846	846	846	046	

Element (X)	Σx <sup>2</sup>	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	3427221	49129	58.126	6.068	846			7.9	2.3	.2		84
Dry Bulb	2615158	46550	55.0	7.980	846							84
Wet Bulb	1841695	39285	46.4	4.568	846		2					
Dew Point	1259957	31565	37.3	9.865	846	25.2						84

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE  
STATION NUMBER STATION NAME

7-73, 73-76  
YEARS

FEB  
MONTH

PAGE 1

1200-1400  
HOURS U. 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/ 67																	.1																1	1			
86/ 85									.1																									2	2		
84/ 63												.2															.2							5	5		
82/ 81									.1			.1	.2		.1	.2	1.3											.1					19	19			
80/ 79										.1		.1	.2			.7	.4																	13	13		
78/ 77											.1	.5			.4	1.3	.3																	21	21		
76/ 75											.2	.6	.5		.6	.9	.9																	32	32		
74/ 73												.5	.8	1.3	.7	.2																		30	30		
72/ 71								.2			.2	1.2			.8	1.4	1.2	.7	.1															50	50		
70/ 69								.1		.4	.7	.7	1.2	.7	1.7	.4																		40	49		1
68/ 67				.1		.2	.1	.3	.8	1.8	1.4	1.9	.4	.1																				65	65		1
66/ 65					.2	.5	.7	.8	1.4	1.8	1.9	.8	.5																					71	71		
64/ 63				.2	.4	.4	1.1	1.2	1.3	.9	1.2	.8	.2																					65	65		
62/ 61	.1	.4	.5	.5	1.2	.7	1.1	.8	.5	.6	.2																							53	53	6	2
60/ 59		.5	.9	1.8	1.5	.5	.7	.7	.7	.2																								62	62	4	
58/ 57	.1	1.5	.9	1.9	1.2	.7	.2	.2	.5	.2																								64	64	19	2
56/ 55	.7	1.2	2.1	2.1	.4	.2	.1	.5	.1	.1																								64	64	41	2
54/ 53	1.2	2.1	2.7	1.1	.2	.2	.1	.4																										68	68	18	
52/ 51	.5	2.5	.7	.7		.1	.5																											42	42	140	19
50/ 49	.2	.9	.9	.8	.5																													29	29	101	36
48/ 47	.1	1.5	.8	.2	.1																													24	24	160	42
46/ 45	.7	.5																																10	10	117	64
44/ 43	.7	.1																																7	7	42	85
42/ 41																																				45	63
40/ 39																																				13	54
38/ 37																																			6	56	
36/ 35																																			2	38	
34/ 33																																					46
32/ 31																																					35
30/ 29																																					24
28/ 27																																					49
26/ 25																																					53
24/ 23																																					36
22/ 21																																					27
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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE

7-75, 76

FEBS  
MOON

PAGE 2 1230-1400  
HOURS U.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		
20/ 19																																				27
18/ 17																																				25
15/ 15																																				19
14/ 13																																				10
12/ 11																																				4
10/ 9																																				3
8/ 7																																				2
TOTAL	0.4	0.5	10.3	9.3	9.2	5.7	9	5.3	7.7	3.5	8.9	8.2	6.3	3.3	3.0	2.2	0.1																846	846	846	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2100321	36527	43.22	4.884	846	≥ 0 F	≥ 32 F	≥ 7 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3384496	52968	62.6	8.982	846			28.5	12.2	3.3		54
Wet Bulb	2044013	41425	49.0	4.208	846			.2				84
Dew Point	1154396	29916	35.4	10.627	846		31.5					84

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

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3

DATA PROCESSING BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

23112      MARCH APR CA/RIVERSIDE      7-7, 73-78      FEB  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      1500-1700  
OBS. U.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.	D.P.	Bulb	Wet Bulb	Dew Point							
88/ 87																						.1						1	1						
84/ 83														.1					.2									3	3						
82/ 81									.1		.2										.5	.1					9	9							
80/ 79										.1					.1	.3					.5						17	10							
78/ 77									.4				.4	.4	.2	.7											17	17							
76/ 75								.1	.4	.1	.6	.4	.9	.6	.9	.1											37	37							
74/ 73								.1	.2	.4	.4	.7	1.3	.7	.1												33	33							
72/ 71							.1	.1	.7	.7	.7	1.3	.6	.6													43	43							
70/ 69						.2		.1	.6	.9	.7	.2	1.3	.2													37	37							
68/ 67							.7	.9	1.2	1.9	1.4	1.3	.6														68	68							
66/ 65					.4	.5	1.3	.8	1.5	1.3	.9	.9	.6														77	70							
64/ 63				.2	.7	.6	1.2	.9	1.3	.6	.9	1.1	.1														69	69	1						
62/ 61			.2	.5	1.1	1.1	1.2	.5	.9	1.3	.8	.6															69	69	5						
60/ 59			.5	1.1	2.5	1.2	.9	.4	.6	.2	.5																66	66	11						
58/ 57		.2	1.2	.9	2.7	1.4	.6	.1	.8	.6																	73	73	23	1					
56/ 55		.2	.9	1.9	1.8	.7	.7	.1	.2	.1																	57	57	22	4					
54/ 53	.1	1.5	3.5	1.9	1.2	.5			.1																		76	76	85	17					
52/ 51		1.4	2.1	.9	.5				.4																		45	45	145	23					
50/ 49	.1	1.2	.6	.4	.5	.1																					26	26	154	39					
48/ 47		.9	.4	.7	.1				.1																		19	19	120	64					
46/ 45		1.1	.5																								13	13	97	84					
44/ 43		.4	.1																								4	4	67	89					
42/ 41		.1																									1	1	35	60					
40/ 39																													17	51					
38/ 37																													2	48					
36/ 35																													2	42					
34/ 33																												1	47						
32/ 31																														30					
30/ 29																														31					
28/ 27																														30					
26/ 25																														44					
24/ 23																														33					
22/ 21																														32					
20/ 19																														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 4084 JUL 64 0-26-5 (OL A) REVISED REVERSED EDITIONS OF THIS FORM ARE OBSOLETE

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AF

# PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE  
STATION NAME

7-70, 73-70  
YEARS

FEB  
MONTH

PAGE 2 1500-1700  
HOURS U.T.C.

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	
18/ 17																																					10
16/ 15																																					17
14/ 13																																					10
12/ 11																																					9
10/ 9																																					7
8/ 7																																					2
TOTAL	.2	7.1	10.3	8.5	11.5	8.6	6.7	4.4	9.3	5.9	7.1	7.1	5.9	3.0	2.5	1.3	.1																	846	846	846	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	2227272	38240	45.224	2.296	846	0 F	32 F	67 F	73 F	85 F	93 F	84																									
Dry Bulb	3322133	52527	62.1	8.493	846			25.6	10.9	1.8		54																									
Wet Bulb	2066108	41644	49.2	4.378	846							54																									
Dew Point	1223275	30861	36.5	10.742	846		27.5					54																									

USAF ETAC FORM 0-26-5 (OL A) REVISED FEBRUARY 1965 USE PREVIOUS EDITIONS OF THIS FORM AS DIRECTED

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/WAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

FLS  
 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								.1											1	1															
72/ 71												.1	.1						2	2															
70/ 69							.2			.2	.1	.2	.4						9	9															
68/ 67						.1	.1			.1	.2	.2							7	7															
66/ 65					.1	.6	.2	.4	.5	.6	.2	.5	.1						27	27															
64/ 63					.2	.4	.2	.7	.4	.7	.8		.1						30	30															
62/ 61				.0	.5	.2	.4	.7	1.1	.7	.0	.6							45	45															
60/ 59			.2	.4	.8	.7	.9	.5	.9	.6	.4	.1							47	47	2														
58/ 57		.4	1.2	2.7	1.1	1.4	.6	1.4	1.5	.4	.6								95	95	5														
56/ 55		.7	2.6	2.6	1.4	1.4	.4	1.1	.8	.4	.5								100	100	21	1													
54/ 53		1.5	4.1	2.4	1.3	1.1	.6	.5	.6	.7									108	108	35	6													
52/ 51		3.3	4.9	2.5	1.9	.8	.4	.1	.6										122	122	90	26													
50/ 49	.2	3.1	5.0	.7	1.2	.9	.2	.1											97	97	108	51													
48/ 47	.2	3.1	2.2	.9	.4	.4	.1												62	62	166	80													
46/ 45	.1	3.1	1.5	.7	.6			.2											53	53	130	106													
44/ 43		1.8	1.1	.4				.1											28	28	113	84													
42/ 41		.0	.1	.1		.1													8	8	78	76													
40/ 39		.1	.1		.1														3	3	53	58													
38/ 37																					29	48													
36/ 35		.1																	1	1	9	49													
34/ 33																					2	34													
32/ 31																					4	33													
30/ 29																						22													
28/ 27																						29													
26/ 25																						31													
24/ 23																						19													
22/ 21																						22													
20/ 19																						17													
18/ 17																						5													
16/ 15																						6													
14/ 13																						5													
12/ 11																						11													
10/ 9																						12													
8/ 7																						6													
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	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23117 MARCH APR CA/RIVERSIDE

7-7, 73-78

FEB  
MONTH

PAGE 1 2100-2500  
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									.2		.1							3	3																
62/ 61					.4			.5	.2	.2	.2	.1						14	14																
60/ 59			.2	.2		.4	.2	.1	.7	.8	.5							27	27																
58/ 57		.5	.4	.1		.2	.4	.6	.5	.2	.2							26	26	1															
56/ 55		.2	1.4	.9	.2	.1	.1	1.3	.7	.2	.1							46	46	P															
54/ 53		2.2	4.3	1.2	.4	.8	.7	.4	.4	.9								95	95	11	7														
52/ 51	.2	3.2	4.1	1.1	1.2	.8	1.2	.8	.4	.1								107	107	48	17														
50/ 49	.4	3.0	4.1	1.4	1.2	1.3	.5	.2	.2									104	104	60	42														
48/ 47	.2	7.9	4.0	1.8	2.0	.7	.5	.4										148	148	86	71														
46/ 45	.4	5.3	2.1	2.0	.8	.1	.1	.2										94	94	138	93														
44/ 43		4.3	3.0	.8	.7	.2	.5											80	80	112	81														
42/ 41		3.5	2.4	.8	.1	.1	.1	.1										60	60	122	90														
40/ 39	.2	1.8	.9	.4		.1	.1											30	30	119	59														
38/ 37	.4	.2	.2	.2														9	9	65	57														
36/ 35		.2																2	2	33	61														
34/ 33		.1																1	1	13	43														
32/ 31																				7	38														
30/ 29																				2	24														
28/ 27																				1	31														
26/ 25																					36														
24/ 23																					24														
22/ 21																					20														
20/ 19																					14														
18/ 17																					5														
16/ 15																					10														
14/ 13																					4														
12/ 11																					8														
10/ 9																					11														
8/ 7																					7														
6/ 5																					1														
4/ 3																					2														
TOTAL	1.8	32.5	27.2	11.0	7.0	4.7	4.3	4.4	3.3	2.6	1.2	.1							846		846														
																			846		846														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	4473954	58410	69.0	22.850	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84																							
Dry Bulb	2042959	41331	48.9	5.301	846							84																							
Wet Bulb	1628197	36887	43.6	4.848	846		1.0					84																							
Dew Point	1261453	31537	37.3	10.078	846		22.3					84																							

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

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

FEB

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															
88/ 87																.0		2	2																	
86/ 85								.0								.0		2	2																	
84/ 83											.0	.0			.1	.0		8	8																	
82/ 81								.0		.0	.0	.0	.0	.0	.2	.0	.0	29	29																	
80/ 79									.0	.0	.0	.0	.0	.2	.1			24	24																	
78/ 77								.0		.1	.0	.1	.0	.3	.0			41	41																	
76/ 75								.0	.0	.1	.1	.1	.2	.3	.2	.0		77	77																	
74/ 73					.0			.0	.0	.1	.1	.2	.4	.2	.1			74	74																	
72/ 71						.0		.0	.1	.3	.2	.4	.3	.2	.0			105	105																	
70/ 69						.0	.1	.1	.2	.3	.3	.2	.5	.1				114	114	1																
68/ 67			.0	.0		.0	.1	.3	.3	.5	.5	.5	.1	.0				168	168	1																
66/ 65				.1	.2	.2	.3	.3	.5	.5	.5	.4	.2					205	205	1																
64/ 63			.1	.2	.2	.3	.4	.5	.4	.4	.3	.1						198	198	2																
62/ 61	.0	.0	.2	.4	.4	.3	.5	.5	.5	.3	.2							237	237	12	3															
60/ 59		.2	.4	.8	.6	.5	.4	.5	.5	.3	.0							282	282	18																
58/ 57	.3	.7	.8	.8	.7	.5	.4	.6	.3	.2								360	360	53	3															
56/ 55	.0	.5	1.2	1.2	.9	.5	.4	.5	.4	.2	.1							404	404	153	14															
54/ 53	.1	1.6	2.4	1.3	.7	.5	.4	.4	.4	.3								553	553	290	74															
52/ 51	.1	2.2	2.9	1.0	.8	.3	.5	.4	.4	.0								581	581	573	145															
50/ 49	.3	2.3	2.5	.7	.7	.5	.3	.2	.1									517	517	749	279															
48/ 47	.3	4.6	1.8	.7	.6	.5	.3	.2	.0									602	602	845	431															
46/ 45	.4	4.0	1.4	.8	.6	.3	.1	.1										530	530	919	644															
44/ 43	.5	3.3	1.6	.7	.6	.2	.1	.0										474	474	697	671															
42/ 41	.4	2.0	1.2	.8	.3	.2	.1	.0										385	385	643	550															
40/ 39	.4	2.0	1.2	.7	.1	.1	.0											305	305	570	485															
38/ 37	.3	1.2	.8	.4	.2	.1	.0											205	205	429	437															
36/ 35	.3	1.0	.5	.2	.0	.0												136	136	370	423															
34/ 33	.1	.6	.3	.1														75	75	196	375															
32/ 31	.1	.3	.1	.0														35	35	121	337															
30/ 29	.0	.2	.1	.1														26	26	74	305															
28/ 27	.0	.0	.1															6	6	29	314															
26/ 25	.1	.0																6	6	20	325															
24/ 23	.0																	1	1	1	207															
22/ 21																					193															
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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-73, 73-78

YEARS

FEB

PAGE 2

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. Wet Bulb	Wet Bulb Dew Point	
20 / 19																			130	
18 / 17																			103	
16 / 15																			96	
14 / 13																			59	
12 / 11																			57	
10 / 9																			45	
8 / 7																			30	
6 / 5																			10	
4 / 3																			12	
TOTAL	3.4	26.8	19.1	11.0	1.1	6.0	5.5	4.3	4.4	4.7	4.1	2.1	2.5	1.8	.9	.8	.4	.6	6767	6767
																			6767	6767
Element (X)	ΣX <sup>2</sup>	ΣX	̄X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	41023674	422528	52.4	26.1	6767	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	18870594	350708	51.8	10.1	6767		7.3	64.0	25.5	5.3		672								
Wet Bulb	13602971	300455	44.4	6.2	6767		24.3	.2				672								
Dew Point	9578407	245075	36.2	10.1	6767		221.7					672								

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119      MAPCH AFB CA/RIVERSIDE

7-70, 73-78

VAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1      0000-0200  
HOURS L.S.

Temp F1	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
64/ 63								.1									.1																2	2				
62/ 61			.2					.1				.1	.2																					6	6			
60/ 59			.1					.1				.1	.1				.1																	5	5			
58/ 57			.2	.2								.2	.1	.1																					7	8	2	
56/ 55	.5	.3	.8	.1				.2																											18	18	6	7
54/ 53	.4	1.7	2.2	.4	.2			.2				.1	.1																					50	50	17	8	
52/ 51	.1	4.0	4.2	.9	.1			.1			.1	.1	.3	.3																				94	94	34	14	
50/ 49	.5	5.2	5.0		.4	.4																												107	107	65	41	
48/ 47	.1	8.6	4.1	.6	.9	.8																												140	140	112	62	
46/ 45	.0	8.4	2.0	1.0	.2	.1	.3																											125	125	144	113	
44/ 43	.5	7.0	1.8	.0	.8	.3																												109	109	127	113	
42/ 41		5.3	2.3	.3	.4	.2																												83	83	111	106	
40/ 39	.1	4.4	3.0	.2	.4																													76	76	84	90	
38/ 37	.2	3.9	.8	.6	.2																													53	53	60	73	
36/ 35		2.4	1.3	.5																														39	39	66	59	
34/ 33	.2	.5	.4	.1																														12	12	52	70	
32/ 31			.1																															1	1	13	45	
30/ 29		.1																																1	1	9	31	
28/ 27																																					1	30
26/ 25																																						14
24/ 23																																						11
22/ 21																																						11
20/ 19																																						5
18/ 17																																						4
16/ 15																																						5
14/ 13																																						8
4/ 3																																						1
2/ 1																																						2
TOTAL		3.45	2.42	9.2	6.1	3.7	2.5	.5	.6	.9	.5	.1																							929	929	929	929
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	6071957	73753	79.4	5.282	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	1966981	42437	45.7	5.537	929			.2				93																										
Wet Bulb	1717079	39617	42.6	5.456	929		2.8					93																										
Dew Point	1476790	36292	39.1	7.975	929	16.7						93																										

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23113      MARCH AFB CA/RIVERSIDE      7-73, 73-78      MAR  
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														
64/ 63										.1								1	1																
62/ 61			.1				.1											2	2																
60/ 59		.1	.1								.1							3	3																
58/ 57			.2		.1			.2		.2								7	7	3															
56/ 55	.4	.3	.3	.1		.1	.2		.1	.2								17	17	4	7														
54/ 53	.2	1.0	1.5	.1		.1			.1									28	28	11	4														
52/ 51	.3	3.4	2.0	.3	.2	.1	.2	.1										63	63	28	19														
50/ 49	.4	5.2	3.0	.1	.4	.1	.4			.3								93	93	51	29														
48/ 47	.2	8.0	2.0	.5	.1	.3												104	104	76	55														
46/ 45	.3	9.5	1.2	1.1	.5	.3	.5											125	125	117	80														
44/ 43	.6	7.0	1.6	.5	.3	.6												102	102	110	99														
42/ 41	.1	6.8	2.2	.6	.3	.1	.3											98	98	91	101														
40/ 39	.1	6.1	1.9	.1	.2	.2												81	81	110	87														
38/ 37	.4	6.8	1.5	.5	.1													87	87	95	84														
36/ 35	.4	4.0	1.1	.6														58	58	85	79														
34/ 33		2.5	1.0	.3														35	35	70	72														
32/ 31		1.6	.6															21	21	39	56														
30/ 29	.1	.2	.1															4	4	27	48														
28/ 27		.1																1	1	10	31														
26/ 25																				1	25														
24/ 23																					13														
22/ 21																					16														
20/ 19																					8														
18/ 17																					14														
16/ 15																					6														
14/ 13																					4														
12/ 11																					3														
10/ 9																					1														
4/ 3																					1														
2/ 1																					2														
TOTAL	3.86	2.52	0.5	5.3	2.6	2.0	1.8	.3	.2	.9	.1							930	930	930	930														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6290414	75070	86.7	5.760	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	1816225	40713	43.8	6.042	930		2.6					93																							
Wet Bulb	1598340	38152	41.0	5.979	930		7.7					93																							
Dew Point	1382566	34978	37.6	8.493	930		22.8					93																							

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-76

YEARS

MAR  
MONTH

PAGE 1

USCO-0000  
HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69										.1								1	1																
68/ 67						.1												1	1																
65/ 65										.1								1	1																
64/ 63										.1	.1							2	2																
62/ 61					.3	.1	.1	.1		.1								7	7																
60/ 59		.1	.4		.1			.2										3	8																
58/ 57		.1	.4	.1	.4	.2	.1	.1	.4									18	18	5															
56/ 55	.3	.8	1.0	.3	.4	.2	.1	.1	.4									20	29	7	4														
54/ 53	.2	.9	1.1	.3	.4	.2	.2	.5	.2									35	38	19	11														
52/ 51	.9	4.6	2.3	.6	.4	.6	.1	.4	.1									94	94	23	20														
50/ 49	.8	6.0	3.5	.3	.6	.3	.3	.2	.1									114	114	85	39														
48/ 47	.8	5.7	2.3	.8	.1	.4	.4	.1	.2									100	100	100	78														
46/ 45	.6	8.9	1.5	.8	.5	.3	.2											120	120	105	88														
44/ 43	.5	7.5	1.6	.5	.3	.9	.2											108	108	120	120														
42/ 41	.1	5.5	1.6	.9	.3													78	78	117	83														
40/ 39	.2	5.5	1.3	.1	.3													69	69	95	87														
38/ 37	.4	3.7	.9	.2	.2	.1												51	51	73	74														
36/ 35	.5	2.0	.8	.4	.1													41	41	64	77														
34/ 33	.3	2.2	.4	.3														30	30	52	53														
32/ 31	.1	1.1	.1															12	12	30	38														
30/ 29		.5	.1															6	6	22	37														
28/ 27	.1																	1	1	5	25														
26/ 25		.1																1	1		22														
24/ 23																				1	18														
22/ 21																					13														
20/ 19																					14														
18/ 17																					15														
16/ 15																					9														
14/ 13																					1														
12/ 11																					1														
8/ 7																					1														
6/ 5																					1														
2/ 1																					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	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

23112      HAFH AFB CA/RIVERSIDE      7-7, 73-78      YEAR MONTH      PAGE 1      0900-1100  
STATION      STATION NAME      YEARS      HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	.2	.4	.6	.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	D.B. W.B.	Dry Bulb	Wet Bulb, Dew Point																		
82/ 81														.1		.1																	2	2				
80/ 79														.1		.1																	2	2				
78/ 77																	.1	.2	.1									.1					5	5				
76/ 75														.1	.2	.3	.3	.5	.3															17	17			
74/ 73													.1	.3	.5	.1	.3	.4	.2	.1														11	11			
72/ 71											.3	.3	.5	.1	.3	.4	.1																	20	20			
70/ 69									.1		.4	.6	1.1	.4	.5	.1																		31	31			
68/ 67							.1	.3	.2	.4	.1	.6	.5	.4	.2																			26	26			
66/ 65					.1	.6	.6	.9	.1	.4	.2	.4	.1																					33	33			
64/ 63					.4	.6	1.2	.5	.6	.3	.5	.6	.1																					47	47			
62/ 61			.1	.8	.6	1.3	.6	.3	.6	.8	.2																							50	50	1		
60/ 59		.2	.6	.9	1.4	.8	.6	.4	.3	.5	.2	.1																						58	58	13		
58/ 57	.1	.4	1.0	1.4	1.5	.4	.6	.3	.6	.4																								64	64	25	2	
56/ 55		1.6	1.9	3.1	1.2	.3	.8	.5	.5	.2	.1																							96	96	57	10	
54/ 53		1.4	3.7	3.1	.8	.9	.2	.3	.3																									99	99	75	16	
52/ 51	.6	3.1	4.8	3.2	1.1	.4	.6	.6	.1																									138	138	135	49	
50/ 49	.2	1.7	4.2	.9	.8	.4	.3	.2																										81	81	139	54	
48/ 47	.2	2.0	2.6	1.1	1.0	.3																												69	69	139	84	
46/ 45	.1	1.8	1.2	.8		.2																												38	38	123	104	
44/ 43		.9	1.5	.1			.1																											24	24	50	121	
42/ 41		1.1	.1	.2	.1																													14	14	65	93	
40/ 39		.2	.1																															3	3	50	69	
38/ 37																																				23	58	
36/ 35																																			7	46		
34/ 33																																		1	38			
32/ 31																																					40	
30/ 29																																					23	
28/ 27																																					22	
26/ 25																																					24	
24/ 23																																					18	
22/ 21																																					18	
20/ 19																																					16	
18/ 17																																					10	
16/ 15																																					7	
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	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 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

## PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 7-7, 73-75 MAR  
STATION NUMBER STATION NAME YEARS MONTH

PAGE 2 0900-100  
HOURS -5-

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												
14/ 13																																					4
12/ 11																																				1	
10/ 9																																				1	
8/ 7																																				2	
TOTAL	1.4	14.5	21.8	16.0	9.0	7.2	6.3	4.3	4.7	4.7	2.4	2.9	1.2	.8	.1	.2																			930	930	930

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3814333	55637	59.8	22.881	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2980768	52116	56.0	8.054	930			11.6	3.7	.3		93
Wet Bulb	2161554	44594	48.0	5.002	930							93
Dew Point	1551672	37034	39.8	9.100	930		18.6					93

USAFETAC FORM 0-26-5 (OL A) 101 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23117 MARCH AFB CA/RIVERSIDE  
STATION STATE OR NAME

7-70, 73-78  
YEARS

MAR  
MONTH

PAGE 1 1200-1400  
HOURS

Temp °C	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	.1	3	3																
84/ 83																.5	.1	8	8																
82/ 81												.1			.2	.4	.4	11	11																
80/ 79										.2	.3	.4	.5	.6	.6	.4	.1	32	32																
78/ 77								.1	.3	.5	.5	.5	.9	.1				29	28																
76/ 75								.4	.6	.2	.8	.8	.2	.1				29	29																
74/ 73						.1	.2	1.1	.3	1.0	.9	.9	.2	.1				44	44																
72/ 71					.2	.8	.5	.2	.8	.9	1.1		.3					45	45																
70/ 69				.1	.5	.4	.8	.8	.4	.1	.4	.4	.1					39	38																
68/ 67				.2	.8	.9	.5	.8	1.0	.3	1.1	.4						55	55																
66/ 65				.6	.8	1.2	.8	1.0	.4	.8	.6	.1						58	58																
64/ 63			.1		1.2	.8	.4	.5	.3	.4	.6	.8	.1					49	49	2															
62/ 61			.1	.6	2.2	1.0	1.2	.5	.3	.2	.2	.3						70	70	6															
60/ 59		.1	.5	1.2	2.8	1.1	.6	1.4	.6	.3	.5	.1						87	87	48	1														
58/ 57	.1	.5	.6	1.5	1.9	1.7	.5	.6	.3	.3								77	77	56	5														
56/ 55	.1	.6	.5	2.7	3.0	1.0	1.1	.6	.4	.1								95	95	69	11														
54/ 53		.6	1.2	2.4	1.6	1.0	.6	.5	.1									75	75	126	20														
52/ 51	.1	.8	1.9	1.6	1.7	.4	.2	.2										65	65	139	30														
50/ 49		.4	.4	.3	.8													18	18	134	50														
48/ 47		1.1	1.0	.6	.2	.1												29	29	110	73														
46/ 45	.1	.3	.4	.1														9	9	94	100														
44/ 43		.1	.1															2	2	70	85														
42/ 41		.3																3	3	44	77														
40/ 39																				26	78														
38/ 37																				3	56														
36/ 35																				1	64														
34/ 33																					44														
32/ 31																					45														
30/ 29																					42														
28/ 27																					26														
26/ 25																					27														
24/ 23																					19														
22/ 21																					17														
20/ 19																					15														
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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23113 HAPCH AFB CA/RIVERSIDE

7-7, 73-78

MAX  
MIN

PAGE 1 1500-1700

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.S. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																							.2	.1	.2	.2	7	7				
82/ 81																												7	7			
80/ 79												.1	.1	.2	.3	.6	.9	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	
78/ 77												.2	.1	.6	.1	.9	.4											22	22			
76/ 75												.4	.5	.2	.4	.5	.4											31	31			
74/ 73								.2	.2	.5	.6	.5	1.1	1.3	.3	.2											50	50				
72/ 71					.1	.4	.5	.9	.5	.2	.5	.2	.4	.2	.2	.2											40	40				
70/ 69					.2	.4	1.0	1.1	.4	.4	.6	.2	.6	.1													49	49				
68/ 67					.4	1.3	1.5	1.3	.5	.4	.4	.2	.5														56	56				
66/ 65			.1	.5	.4	.9	1.3	.8	.4	.3	.1	.5	.3														53	53				
64/ 63				.1	.6	.9	1.2	.6	.2	.2	.2	.4	.2														44	44	5			
62/ 61			.1	.4	2.7	2.0	1.1	.4	1.2	.4	.6	.1															86	86	18			
60/ 59		.3	.1	1.5	2.0	1.8	.9	.2	.8	.2	.2	.3															78	73	43	1		
58/ 57		.6	.3	3.3	3.0	1.5	.8	.4		.3																	96	96	61	12		
56/ 55		.9	1.5	2.0	1.9	.6	1.1	.6	.5																		66	66	50	15		
54/ 53			1.1	2.7	1.8	1.2	.6	.1	.5																		76	76	135	15		
52/ 51		.4	1.6	1.7	1.4	.5	.1	.2																			58	58	140	45		
50/ 49		.8	.8	1.0	.1																						24	24	124	57		
48/ 47		.1	.4	.5																							10	10	101	84		
46/ 45		.4	.8	.1																							12	12	73	115		
44/ 43			.4																								4	4	71	93		
42/ 41		.3	.1																								4	4	43	75		
40/ 39																														21	76	
38/ 37																													6	54		
36/ 35																															58	
34/ 33																															46	
32/ 31																															34	
30/ 29																															23	
28/ 27																															24	
26/ 25																															24	
24/ 23																															11	
22/ 21																															7	
20/ 19																															13	
18/ 17																															20	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\%_x$	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 JUN 63 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/4AC

**PSYCHROMETRIC SUMMARY**

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-70, 73-78 YEARS MAR MONTH  
 PAGE 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																					11
14/ 13																					8
12/ 11																					6
10/ 9																					1
8/ 7																					2
<b>TOTAL</b>		<b>3.9</b>	<b>7.5</b>	<b>4.0</b>	<b>4.8</b>	<b>11.8</b>	<b>0.3</b>	<b>8.0</b>	<b>7.1</b>	<b>3.9</b>	<b>5.1</b>	<b>4.2</b>	<b>4.9</b>	<b>2.8</b>	<b>.0</b>	<b>.5</b>	<b>.0</b>	<b>930</b>		<b>930</b>	<b>430</b>
<b>Element (X)</b>	<b>Zx<sup>2</sup></b>	<b>Zx</b>		<b>X̄</b>		<b>s<sub>x</sub></b>		<b>No. Obs.</b>	<b>Mean No. of Hours with Temperature</b>												
Rel. Hum.	2553176	44978		48.42		0.168		930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3666210	57824		62.2		8.738		930			29.9	14.4	2.9		93						
Wet Bulb	2404871	47027		50.6		3.378		930							93						
Dew Point	1555626	36928		39.7		9.805		930		18.4					93						

USAFETAC FORM 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

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAK

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				
76/ 75													.2					2	2						
74/ 73								.1		.1	.3	.2						7	7						
72/ 71									.1	.1	.1	.2						5	5						
70/ 69						.2	.2	.2	.1	.2	.1	.2				.1		13	13						
68/ 67				.1	.1	.2	.2	.2	.4		.1	.2						15	15						
66/ 65			.1		.5	.4	.6	.2	.1	.2	.1	.1						23	23						
64/ 63				.8	1.3	.6	.8	.2	.1	.2	.1	.1						39	39						
62/ 61		.2	.6	.9	1.4	1.3	.5	.1	.5	.1	.3							56	56	2					
60/ 59		.2	.5	2.2	1.7	.5	.4	.1		.4	.4							61	61	9					
58/ 57		1.0	1.8	2.8	1.4	1.6	.2	.1	.2	.4	.2							91	91	28	6				
56/ 55		1.4	2.8	3.1	.9	.3	.5	.4	.2	.1	.1							92	92	48	10				
54/ 53		1.6	4.5	4.2	1.6	.5	.3	.2	.2	.1	.1							119	119	94	24				
52/ 51		1.6	7.7	2.8	1.5	.6	.6		.4									143	143	118	47				
50/ 49		1.3	4.4	1.6	1.1	.4		.2	.2									86	86	129	71				
48/ 47		1.4	3.1	1.8	.5	.8	.2	.1										74	74	149	102				
46/ 45		1.5	2.0	1.8	.3		.2											62	62	94	123				
44/ 43		1.3	1.0	.3	.2													26	26	87	107				
42/ 41		.6	.6			.1												13	13	89	94				
40/ 39		.3																3	3	42	66				
38/ 37																				25	79				
36/ 35																				10	42				
34/ 33																				5	29				
32/ 31																					23				
30/ 29																					15				
28/ 27																					19				
26/ 25																					18				
24/ 23																					8				
22/ 21																					10				
20/ 19																					5				
18/ 17																					4				
16/ 15																					11				
14/ 13																					5				
12/ 11																					3				
10/ 9																					4				
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

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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23119 STATION     MARCH AFB CA/KIVERSIDE STATION NAME     7-70, 73-70 YEARS     PAGE 2     MAR MONTH     1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
8/ 7																											1	
6/ 5																											2	
4/ 3																											2	
TOTAL		12.5	29.9	22.4	2.2	7.7	4.9	2.2	2.7	1.9	1.8	1.1	.6	.1						930					930		930	
Element (X)	$\sum X^2$	$\sum X$		$\bar{X}$	$s^2$	No. Obs.						Mean No. of Hours with Temperature																
Rel. Hum.	4211571	60111		64.6	6.740	930						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	2776344	50452		54.2	6.508	930								4.2	.9				93									
Wet Bulb	2148411	44431		47.8	5.260	930													93									
Dew Point	1647096	38228		41.1	9.028	930								13.0					93									

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-70, 73-78  
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
74/ 73																		2	2		
72/ 71												.1	.1					1	1		
70/ 69													.1					1	1		
66/ 65									.1									1	1		
64/ 63								.2	.3									5	5		
62/ 61			.2	.2			.1	.1										6	6		
60/ 59	.1		.3	.2	.4	.1	.1	.1	.1									13	13	1	1
58/ 57		.2	1.3	.0	.4	.3	.3	.2	.1									33	33	4	
56/ 55	.2	1.4	1.8	.9	1.2	.3	.2	.2	.1	.3								62	62	11	6
54/ 53	.4	2.7	3.8	1.1	.8	.4	.3	.2	.1	.1								92	92	38	17
52/ 51	.2	3.7	7.6	1.9	.2	.2	.2	.2	.2	.2								135	135	66	31
50/ 49		5.3	6.5	1.0	.4	.3	.4	.1	.1	.1								131	131	98	51
48/ 47	.1	5.3	4.5	1.6	1.2	.5	.3											126	126	152	87
46/ 45	.1	6.1	3.7	1.6	.3	.1	.3	.1										115	115	141	95
44/ 43		5.6	2.5	.5	.4	.1	.3											88	88	104	140
42/ 41		3.4	2.5	.8	.2	.2												66	66	110	109
40/ 39		2.7	.9	.4	.3													40	40	95	98
38/ 37		.6	.5	.1														12	12	63	62
36/ 35			.1															1	1	21	69
34/ 33																				18	37
32/ 31																				8	27
30/ 29																					18
28/ 27																					23
26/ 25																					16
24/ 23																					6
22/ 21																					7
20/ 19																					7
18/ 17																					6
16/ 15																					6
14/ 13																					2
12/ 11																					5
10/ 9																					1
4/ 3																					2
2/ 1																					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 MAILER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFS CA/RIVERSIDL

7-70, 73-76

MAR

5\*AT ON

5\*AT ON NAME

YEARS

MONTH

PAGE 1

ALL

HOURS IN 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																																			5	3											
84/ 83																											.0	.1						.0	.1	15	15										
82/ 81																						.0												.1	.1	20	20										
80/ 79																.0	.0	.1	.1	.2	.2	.2	.2	.1	.1	.0							.0	.0	61	61											
78/ 77																						.0														.0	.0	55	55								
76/ 75													.1	.2	.2	.2	.2	.2	.1	.1	.2	.3	.1	.0												.0	.0	79	79								
74/ 73								.0	.0	.1	.2	.2	.2	.1	.3	.4	.2	.1	.1	.2	.2	.1	.1	.0														.0	.0	114	114						
72/ 71							.0	.1	.2	.2	.2	.1	.1	.2	.2	.1	.1	.1	.0																				.0	.0	111	111					
70/ 69							.0	.2	.2	.3	.2	.3	.2	.2	.2	.2	.2	.0																						.0	.0	133	133				
68/ 67					.0	.1	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2																						.0	.0	165	165				
66/ 65				.0	.1	.3	.3	.5	.2	.3	.2	.2	.2	.2	.2	.1																								.0	.0	169	169				
64/ 63			.0	.2	.5	.4	.4	.3	.1	.3	.2	.2	.2	.2	.1																										.0	.0	189	189	12		
62/ 61		.0	.2	.4	.9	.8	.5	.2	.4	.2	.2	.1	.1	.2	.1																											.0	.0	283	283	30	
60/ 59	.0	.1	.3	.7	1.1	.6	.3	.3	.3	.2	.2	.1	.1	.2	.1																											.0	.0	313	313	163	3
58/ 57	.0	.4	.7	1.3	1.1	.7	.3	.3	.2	.2	.0	.0	.0	.0	.0																											.0	.0	394	394	185	25
56/ 55	.2	.9	1.3	1.5	1.1	.4	.5	.3	.2	.1	.0	.0	.0	.0	.0																											.0	.0	495	495	282	70
54/ 53	.2	1.2	2.4	1.8	.8	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0																											.0	.0	577	577	515	115
52/ 51	.3	2.7	4.1	1.6	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0																											.0	.0	790	790	688	255
50/ 49	.2	3.2	3.5	.6	.6	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0																											.0	.0	634	634	826	392
48/ 47	.2	4.0	2.5	1.0	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0																											.0	.0	652	652	941	625
46/ 45	.2	4.6	1.8	.9	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0																											.0	.0	606	606	895	624
44/ 43	.2	3.8	1.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0																											.0	.0	463	463	770	679
42/ 41	.0	2.9	1.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	359	359	670	738	
40/ 39	.1	2.4	.9	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	272	272	524	637	
38/ 37	.1	1.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	203	203	374	540	
36/ 35	.1	1.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	139	139	254	494	
34/ 33	.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	77	77	198	389	
32/ 31	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	34	34	95	308	
30/ 29	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	11	11	58	237	
28/ 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	2	2	16	200	
26/ 25		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0	1	1	1	170	
24/ 23			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0			1	104	
22/ 21				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0				99	
20/ 19					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																										.0	.0				83	
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	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**

23119 MARCH AFB CA/RIVERSIDE 7-76, 73-76  
 STATION YEAR  
 PAGE 2 MAR MONTH ALL HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22	23	24	25-26	27-28	29-30	*31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point											
18/ 17																																				93
16/ 15																																				63
14/ 13																																				43
12/ 11																																				20
10/ 9																																				12
8/ 7																																				0
6/ 5																																				3
4/ 3																																				6
2/ 1																																				0
TOTAL	2,090	421	411	5	8.0	5.9	4.6	3.3	3.1	2.4	2.0	1.9	1.4	.8	.3	.2	.1																	7439	7439	7439
																																		7439	7439	
Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel Hum.	37045546	496528	66.7	2.913	7439	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																								
Dry Bulb	21083983	389031	52.3	9.969	7439		4.8	75.6	34.7	6.8		744																								
Wet Bulb	15964268	341282	45.9	6.426	7439		17.1					744																								
Dew Point	12100359	292557	39.3	8.943	7439		145.3					744																								

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

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION NUMBER STATION NAME

7-7, 73-78  
YEARS

APR  
MONTH

PAGE 1 0000-0200  
HOURS OF OBS.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
62/ 61																												1	1						
60/ 59					.1										.2													3	3						
58/ 57				.1			.2																					3	3						
56/ 55		2.0	1.0	.9	.1		.2	.3	.2																			43	43	1					
54/ 53	.4	2.1	2.2	.2	.2	.2	.4	.1																				54	54	25	13				
52/ 51	.3	4.4	3.6	1.9	.9	.6	.1																					106	106	44	26				
50/ 49	.9	5.6	3.8	1.0	.3	.3	.1																					113	113	73	46				
48/ 47	.6	7.9	4.9	1.8	.6	.2	.1																					144	144	108	73				
46/ 45	.3	8.3	4.1	1.0	.3	.2																						134	134	132	100				
44/ 43	.2	6.7	3.6	.4	.4	.1																						103	103	140	90				
42/ 41	.4	5.4	3.1	.4	.3																							88	88	145	97				
40/ 39	.2	3.9	1.3	.3																								52	52	95	122				
38/ 37		2.2	.6	.4																								29	29	66	102				
36/ 35		1.2	.4	.2																								17	17	36	72				
34/ 33		.3	.4	.1																								8	8	40	59				
32/ 31		.2																										2	2	13	33				
30/ 29																															1	22			
28/ 27																															1	8			
26/ 25																																11			
24/ 23																																16			
22/ 21																																1			
20/ 19																																3			
18/ 17																																1			
16/ 15																																2			
14/ 13																																1			
TOTAL	3.4	50.3	29.0	10.0	3.3	1.7	1.2	.4	.2	.3																									
																												900		900					
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5907591	71839	79.8	3.885	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1969686	41862	46.5	5.008	900		.2					90																							
Wet Bulb	1725656	39164	43.5	4.880	900		1.5					90																							
Dew Point	1494494	36168	40.2	6.755	900		10.0					90																							

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAF

PSYCHROMETRIC SUMMARY

2311 MARCH AFB CA/RIVERSIDE

7-7, 73-78

APR

PAGE 1 0300-0500

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.	Dr. Bulb	Wet Bulb	Dew Point				
58/ 57																												1	1						
56/ 55		1.3	.3	.7					.4		.1	.2																28	28						
54/ 53	.3	2.0	1.1	.1				.1	.1																			34	34	18	12				
52/ 51	.0	2.8	2.4		.1	.2	.1	.2	.2																			60	60	34	19				
50/ 49	1.9	5.4	3.3	.7	.2	.7																						110	110	63	48				
48/ 47	.0	4.7	3.3	.3	.3	.4		.1																				92	92	83	51				
46/ 45	.3	9.7	3.3	1.0	.0	.1	.1																					136	136	87	80				
44/ 43	1.0	7.1	3.1	.8	.2																							110	110	121	84				
42/ 41	.2	7.8	4.0	.9	.1	.1																						118	118	122	93				
40/ 39	.6	5.6	2.1	.3																								77	77	130	99				
38/ 37	.7	5.8	.9	.4																								70	70	108	95				
36/ 35	.1	3.3	.8	.2																								40	40	65	99				
34/ 33		.7	.7																									12	12	40	65				
32/ 31	.1	.3																										4	4	14	54				
30/ 29		.4	.1																									5	5	9	37				
28/ 27	.1	.2																										3	3	6	14				
26/ 25																															1	17			
24/ 23																																19			
22/ 21																																4			
20/ 19																																1			
18/ 17																																2			
16/ 15																																4			
14/ 13																																2			
12/ 11																																1			
TOTAL	0.4	57.1	25.6	5.9	1.6	1.6	.3	.9	.4	.2																		900	900	900	900				
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X̄	s <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	6221451	73803	82.0	3.725	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	1807626	40038	44.5	5.426	900		1.2					90																							
Wet Bulb	1607418	37730	41.9	5.346	900		3.0					90																							
Dew Point	1409385	35029	38.9	7.155	900		15.5					90																							

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23117 MARCH AFB CA/RIVERSIDE

7-71, 73-78

AFG

PAGE 1 0900-1100

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
88/ 87																									.1		1	1							
86/ 85																											.1	1	1						
84/ 83																								.1	.1	.3		5	5						
82/ 81																								.3	.1	.2		6	6						
80/ 79													.1	.2	.3	.3							.4	.4	.2		19	19							
78/ 77												.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	15	15							
76/ 75					.1						.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	29	29							
74/ 73									.1	.2	.7	1.1	.2	.2	1.0	.2											34	34							
72/ 71						.1	.2	.2	.3	.7	.2	.6	.7	.2	.1												33	33							
70/ 69					.1	.3	.3	.3	1.3	.6	.2	.6	.6	.2													47	47							
68/ 67					.1	.6	.4	1.2	.9	.7	.6	.2	.2														44	44							
66/ 65				.2	.2	.9	.7	.9	.7	.3	.3	.4	.1														43	43							
64/ 63			.1	.3	1.2	1.0	1.4	.7	.6	.3	.2	.1															54	54							
62/ 61			.2	.3	.9	1.6	1.4	.6	.3	.3	.2																55	55	5						
60/ 59		.1	.6	2.6	2.6	1.9	1.4	.9	.4	.2																	98	98	19	1					
58/ 57	.1	.3	1.3	2.6	2.6	2.2	1.1	.3	.3																		102	102	29	4					
56/ 55		.4	2.0	2.6	2.8	1.3	.4	.3																			39	89	83	6					
54/ 53	.2	.8	1.2	3.9	1.9	1.2	.2	.1																			66	36	114	19					
52/ 51		.3	2.2	2.2	1.3	.2	.1																				58	58	148	28					
50/ 49		.3	2.4	1.6	.6	.2																					46	46	134	61					
48/ 47		.4	.4	1.0																							17	17	163	54					
46/ 45		.3	.6	.2																							10	10	113	95					
44/ 43		.3	.3																								6	6	55	105					
42/ 41		.1	.1																								2	2	27	102					
40/ 39																														8	92				
38/ 37																															80				
36/ 35																															59				
34/ 33																															29				
32/ 31																															27				
30/ 29																															15				
28/ 27																															29				
26/ 25																															22				
24/ 23																															13				
22/ 21																															21				
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	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE

7-7, 73-76

8PM

PAGE 2 0900-1100

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																	
20/ 19																																						16
18/ 17																																					13	
16/ 15																																					6	
14/ 13																																					2	
12/ 11																																				1		
TOTAL	.3	3.0	12.0	17.4	14.4	11.9	7.9	5.7	5.4	6.0	5.0	3.6	2.6	2.9	2.1	1.2	.9																		900	900	900	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2698589	45577	50.6	20.842	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	90
Dry Bulb	3400877	54777	60.9	8.631	900			23.4	11.0	2.1		90
Wet Bulb	2255777	44891	49.9	4.305	900							90
Dew Point	1472765	35557	39.5	8.696	900	16.5						90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE  
STATION NAME

7-7, 73-78  
PERIOD

APK  
UNIT

PAGE 1 1200-1400  
TIME

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.S. W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 89																																			3	3			
88/ 87																																			7	7			
86/ 85																							.1	.1	.3	.4	.3	.6							15	15			
84/ 83																							.2	.3	.6	.6	.4	1.3							29	28			
82/ 81															.2	.1							.3	.4	.7	.7	.7	.4							24	24			
80/ 79															.3	.3	.3	.4	.7	.7	.7	.7	.7	.7	.7	.7	1.3								40	40			
78/ 77															.2	.8	.2	1.8	.4	1.1	.5	.4													52	52			
76/ 75															.4	1.0	.3	.7	.7	.4	.6	.6	.2												44	44			
74/ 73															.1	.1	.3	.3	1.1	1.6	.9	.6	.8	.7	.2										60	60			
72/ 71															.1	.2	.6	.5	.7	.8	.3	.2	.4	.3	.1	.2									50	50			
70/ 69															.3	.2	1.3	.9	1.0	.6	.3		.8	.1											50	50			
68/ 67															.1	1.1	1.6	1.2	.7	.4	.3	.1	.4												62	62	2		
66/ 65															.2	.3	1.6	1.7	1.3	.8	.3	.6	.1												64	64	3		
64/ 63															.4	1.4	2.0	1.4	1.4	.8	.6	.6	.1												81	81	2 1		
62/ 61															.7	1.4	2.2	2.2	.9	.3		.1													75	75	34 2		
60/ 59															.6	1.6	1.9	2.3	1.0	.4	.3	.2													77	77	42 1		
58/ 57															.3	1.1	1.1	1.4	.7	.9	.2	.1													55	53	30 7		
56/ 55															.1	1.7	1.7	.9	.1		.2														43	43	123 10		
54/ 53															.1	.7	1.1	.6	.6																	27	27	145 23	
52/ 51															.1	.4	1.2	.6																		23	23	136 35	
50/ 49															.3	.3	.1																		7	7	129 62		
48/ 47															.1	.3																			4	4	87 60		
46/ 45															.3	.4																			7	7	55 65		
44/ 43															.1	.2																			3	3	44 82		
42/ 41															.1																				1	1	101 98		
40/ 39																																					2		95
38/ 37																																						60	
36/ 35																																						50	
34/ 33																																						22	
32/ 31																																						39	
30/ 29																																						32	
28/ 27																																						22	
26/ 25																																						27	
24/ 23																																						30	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature																																	
Rel. Hum.						+ 67 F	+ 72 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM NO. 44 0-76-5 (OL. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-7, 73-76  
YEARS

APR  
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																	.1	1	1																	
88/ 87														.1			.2	3	3																	
86/ 85											.1				.1	.1	.0	8	8																	
84/ 83									.1	.1	.2	.3			.1	.0	.3	16	16																	
82/ 81										.1	.2	.7	.4	.3	.4	.3	.3	23	23																	
80/ 79								.1	.2	.4	.4	.1	.4	.4	1.3	.1	.3	33	33																	
78/ 77							.1	.4	.4	.8	.8	.2	.0	.7	.6			43	43																	
76/ 75						.1	.3	.4	1.9	1.3	.1	1.1	.6	.2				55	55																	
74/ 73			.1	.1	.3	.1	.7	1.4	1.0	1.0	.7	.9	.3	.2				70	70																	
72/ 71		.1	.1	.2	.0	.4	1.7	.8	1.1	.4	.0	.3						57	57																	
70/ 69		.1	.3	.1	.6	1.1	1.0	.7	.4	.7		.1						51	51	1																
68/ 67		.1	.4	.8	1.4	2.4	1.2	.8	.4	.4		.7						72	72	2	1															
66/ 65		.2	.3	.8	1.8	2.0	1.1	1.0	.7	.2	.3	.1						77	77	5																
64/ 63		.7	.8	1.9	1.8	1.4	.4	.1		.1								65	65	14	3															
62/ 61		.2	1.4	2.0	1.4	1.1	.6	.2	.2	.1								66	66	26	3															
60/ 59		.4	1.3	2.2	1.6	1.2	.0	.1										67	67	48	8															
58/ 57	.1	.2	1.2	1.3	1.7	.8	.7	.1										55	55	110	7															
56/ 55	.2	1.3	1.7	1.4	.6													47	47	135	10															
54/ 53		1.1	1.1	1.0	.3	.2												41	41	118	22															
52/ 51	.4	.4	.8	.3	.4	.1												23	23	137	53															
50/ 49	.2	.2	.2	.3														9	9	123	61															
48/ 47	.1	.2	.1															4	4	85	83															
46/ 45	.6	.4																9	9	46	115															
44/ 43	.4																	4	4	32	77															
42/ 41																				17	88															
40/ 39																					72															
38/ 37																					65															
36/ 35																					33															
34/ 33																					35															
32/ 31																					30															
30/ 29																					31															
28/ 27																					22															
26/ 25																					18															
24/ 23																					18															
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) 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110      MARCH APR CA/RIVERSIDE      7-70, 73-76      APR  
STATION NO.      STATION NAME      YEARS      MONTH

PAGE 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														
22/ 21																						11													
20/ 19																						15													
18/ 17																						0													
16/ 15																						3													
14/ 13																						5													
TOT:	2.1	3.0	9.1	12.2	13.0	12.0	7.8	6.6	7.0	5.7	3.0	4.6	2.7	2.1	3.0	1.7		899			899														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	2071801	39725	44.2	8.772	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	4020131	59575	66.3	8.967	899			43.2	25.2	6.8		90																							
Wet Bulb	2519552	47384	52.7	4.957	899			.3				90																							
Dew Point	1584366	36848	41.0	9.081	899		16.3	.1				90																							

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

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3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23119  
STATION

MAJCH AFB CA/RIVERSIDE  
STATION NAME

7-70, 73-78  
YEARS

YEARS

APP  
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																	
82/ 61																																	1	1			
80/ 79																											.1							1	1		
78/ 77																												.1						1	1		
76/ 75															.1												.1	.1					6	6			
74/ 73																																		9	9		
72/ 71												.1	.1	.4	.3	.3	.4										.1	.1					17	17			
70/ 69												.1	.4	.7	.3	.4	.3	.2															23	23			
68/ 67						.1	.1	.8	.7	.9	.4	.3	.6	.1																			36	36			
66/ 65							.1	1.1	1.9	.7	.3	.4	.2																				43	43			
64/ 63			.1	.2	.6	.6	1.7	1.0	.7	.7	.4	.3																					50	56			
62/ 61		.2	.3	1.2	1.9	1.2	.9	.2	.3	.4	.1	.1																					63	63	3		
60/ 59		.4	.5	1.9	2.6	1.4	.6	1.0	.4	.2	.2																						88	88	7	3	
58/ 57		.3	2.3	3.0	2.1	1.7	.3	.2	.1																								91	91	35	4	
56/ 55		1.1	3.4	3.0	2.0	1.3	.3	.5				.1																					107	107	68	11	
54/ 53		2.0	4.1	2.9	3.2	.9	.2																										120	120	119	18	
52/ 51		.9	4.1	3.1	.6	.4	.2																										84	84	142	45	
50/ 49		1.4	2.2	1.4	1.3	.2	.1																										61	61	131	71	
48/ 47		1.3	2.3	.7	.1	.1																											41	41	152	102	
46/ 45	.1	1.3	.9	.9	.1																												30	30	108	127	
44/ 43	.1	.4	.6	.1	.1																												12	12	72	106	
42/ 41		.2	.2																														4	4	36	81	
40/ 3		.1																															1	1	19	101	
38/ 37		.2																															2	2	6	51	
36/ 35																																			1	50	
34/ 33																																				20	
32/ 31																																				30	
30/ 29																																				18	
28/ 27																																				20	
26/ 25																																				15	
24/ 23																																				8	
22/ 21																																				7	
20/ 19																																				3	
18/ 17																																				2	
16/ 15																																				3	
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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

73-78

APR  
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	O.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																	
14/ 13																																						2	
12/ 11																																						1	
TOTAL	.2	10.2	1.6	6.9	15.2	10.9	6.5	4.8	3.6	2.8	2.7	1.0	.7	.6	.3	.1																		899	899	899	899		
Element (X)	Σx²	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum.	3648440	54636	60.8	9.111	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																											
Dry Bulb	2967399	51265	57.0	7.003	899			9.4	1.8	.2		90																											
Wet Bulb	2204935	44337	49.3	4.516	899							90																											
Dew Point	1632334	37698	41.9	7.575	899		10.9					90																											

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-70, 73-76

APR

PAGE 1 2100-2500  
HOURS U.T. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67									.1									1	1																
66/ 65									.2	.1								3	3																
64/ 63							.2	.1	.1									4	4																
62/ 61						.2	.3	.1	.1	.2								9	9																
60/ 59	.2			.1	.6	.6	.1	.4	.4	.3								25	25	1															
58/ 57	.8	.8	1.1	1.7	.4	.1	.3	.1	.1									48	48	2	2														
56/ 55	.3	1.7	1.7	2.7	1.1	.3	.8	.1	.1									79	79	11	5														
54/ 53	.1	2.8	3.7	2.8	1.1	.7	.3	.2	.1									106	106	33	15														
52/ 51	.4	5.4	5.7	2.1	1.2	.6	.2											141	141	71	24														
50/ 49	.1	6.1	7.3	2.8	.9	.1	.2											158	158	150	50														
48/ 47	.2	5.0	5.8	1.8	.4													123	123	144	106														
46/ 45	.1	5.2	3.4	1.2	.2													92	92	108	113														
44/ 43	.1	3.1	1.8	.6	.4													54	54	141	105														
42/ 41	.2	1.9	1.2	.7														36	36	80	132														
40/ 39		1.1	.1	.2														13	13	59	113														
38/ 37		.6	.1															6	6	24	69														
36/ 35																		2	2	11	50														
34/ 33			.2																	4	33														
32/ 31																				1	20														
30/ 29																					9														
28/ 27																					12														
26/ 25																					15														
24/ 23																					9														
22/ 21																					4														
20/ 19																					3														
18/ 17																					2														
TOTAL	1.7	3.9	1.8	6.0	7.4	3.6	2.3	1.2	1.0	1.0	.1							900	900	900	900														
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5191701	66857	74.3	15.827	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	2285731	45137	50.2	4.948	900			.1				90																							
Wet Bulb	1916692	41358	46.0	4.239	900			.1				90																							
Dew Point	1592629	37411	41.6	6.462	900		7.4					90																							

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23113 MARCH APR CA/RIVERSIDE  
STATION NO STATION NAME

7-76, 73-76  
YEARS

APR  
MONTH

PAGE 1

ALL  
HOURS U.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																																						
88/ 87																																						
86/ 85																																						
84/ 83																																						
82/ 81																																						
80/ 79																																						
78/ 77																																						
76/ 75																																						
74/ 73																																						
72/ 71																																						
70/ 69																																						
68/ 67																																						
66/ 65																																						
64/ 63																																						
62/ 61																																						
60/ 59																																						
58/ 57																																						
56/ 55																																						
54/ 53																																						
52/ 51																																						
50/ 49																																						
48/ 47																																						
46/ 45																																						
44/ 43																																						
42/ 41																																						
40/ 39																																						
38/ 37																																						
36/ 35																																						
34/ 33																																						
32/ 31																																						
30/ 29																																						
28/ 27																																						
26/ 25																																						
24/ 23																																						
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 REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
JSAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

23110 MARCH APR CA/RIVERSIDE

7-7 73-78

MAY

PAGE 1 0000-0200

Temp -F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-6	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69																	.1											1	1						
68/ 67									.1								.1												2	2					
66/ 65				.2	.2	.1	.3	.3	.2																			13	13						
64/ 63				.1	.2	.2	.3	.2																				13	13						
62/ 61			.3	.3	.2	.2	.3	.2																				20	20						
60/ 59		.4	1.5	1.3	.5	.5	.5																					43	43	2					
58/ 57	.1	3.6	5.4	2.8	.3	.2	.1		.1																			119	119	14	2				
56/ 55	.5	7.9	6.5	2.5	.6	.5	.1	.2																				174	174	34	20				
54/ 53	1.0	6.9	8.1	2.5	.4	.4	.2	.1																				182	182	165	86				
52/ 51	.1	4.6	6.4	3.1	.2	.2	.2																					138	138	178	124				
50/ 49		2.9	6.1	1.2	.1	.2																						98	98	136	142				
48/ 47		2.5	1.8	.4	.4		.1																					52	52	130	131				
46/ 45		2.3	1.3	.5	.1																							39	39	97	111				
44/ 43	.1	1.3	.6	.2																								21	21	51	68				
42/ 41		.3	.3	.1																								11	11	39	53				
40/ 39		.1																										1	1	18	51				
38/ 37		.1																										1	1	9	22				
36/ 35		.1																										1	1	2	25				
34/ 33																														1	17				
32/ 31																															13				
30/ 29																															2				
28/ 27																															5				
26/ 25																															1				
24/ 23																															3				
22/ 21																															3				
TOTAL	1.633	2.238	8.815	.6	4.4	2.5	2.3	1.2	.3							.2															929	929	529		
																																929			
Element (X)	Σx²	Σx	̄x	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	5744001	71983	77.5	3.392	929	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																							
Dry Bulb	2666591	49585	53.4	4.644	929			.3				93																							
Wet Bulb	2301158	46062	49.6	4.317	929							93																							
Dew Point	2006094	42816	46.1	5.943	929		2.7					93																							

USAFETAC FORM 0-26-5 (01, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-7, 73-76

MAY

PAGE 1 0300-0500

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 Pt.														
68/ 67												.1						1	1																
66/ 65											.1							1	1																
64/ 63				.1			.2	.1										4	4																
62/ 61				.3		.4	.4		.3	.1								15	15																
60/ 59		.3	.6	1.2	.3	.2	.3		.1									29	29																
58/ 57		2.6	2.9	1.5		.3			.1									69	69	4	2														
56/ 55	.0	7.0	5.1	1.9	.9	.3												147	147	54	12														
54/ 53	1.1	9.2	5.6	2.0	.5	.4	.1											183	186	151	102														
52/ 51	.2	8.5	6.7	1.1	.0	.1	.1	.1										162	162	140	98														
50/ 49	.2	4.4	4.9	.0		.2												97	97	171	121														
48/ 47	.3	4.3	3.5	.1	.3													80	80	119	136														
46/ 45	.2	3.8	1.7	.4	.3	.2												64	64	117	113														
44/ 43		1.2	1.2	.1	.1													24	24	67	91														
42/ 41	.1	1.2	1.0	.1														22	22	39	76														
40/ 39	.1	1.6	.3															19	19	34	52														
38/ 37	.1	.5	.2															8	8	20	44														
36/ 35			.1															1	1	11	32														
34/ 33		.1																1	1	1	13														
32/ 31																				2	9														
30/ 29																					11														
28/ 27																					3														
26/ 25																					3														
24/ 23																					6														
22/ 21																					4														
TOTAL	3.0	44.7	4.8	9.0	3.3	2.3	1.2	.2	.2	.3	.2	.1						930	930	930	930														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6192290	74908	80.5	3.113	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2501497	48017	51.6	4.902	930			.1				93
Wet Bulb	2203632	45058	48.4	4.709	930		.2					93
Dew Point	1960218	42292	45.5	6.309	930	3.6						93

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

USAFETAC

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23113 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-7, 73-78 YEARS MAY MONTH  
PAGE 1 0600-0600 HOURS S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Wet Bulb Dew Point																		
88/ 87																																1	1				
84/ 83													.1																		.1	2	2				
82/ 81													.2																		.1	3	3				
80/ 79													.1																		.1	.2	5	5			
78/ 77													.1																		.1	.1	4	4			
76/ 75													.2																		.1	.2	7	7			
74/ 73													.2	.2	.3	.3	.4	.1													.3	.1	12	18			
72/ 71													.1	.1	.2	.1	.3	.1													.2	.1	13	13			
70/ 69													.1	.3	.1	.1	.1														.2	.1	12	12			
68/ 67													.3	.1	.4	.1	.1														.1	.1	23	23			
66/ 65													.1	.3	.9	.8	.5	.3	.1															28	28	1	
64/ 63													.2	1.2	.3	.6	.9	.1	.1															32	32	4	
62/ 61													.1	.6	1.5	.8	.5	.1	.2	.2														38	38	12	
60/ 59													.9	3.1	2.2	1.4	.8	.3																80	80	26	2
58/ 57													.1	2.5	4.3	3.0	1.4	.1	.3															109	109	64	18
56/ 55													.4	7.3	4.0	3.0	.8																	150	150	113	33
54/ 53													.5	6.6	5.6	3.0	.6	.3																155	155	176	113
52/ 51													.3	5.3	4.4	1.7	.5	.2																116	116	155	132
50/ 49													.3	1.9	3.7	.3	.2	.1																61	61	158	121
48/ 47													.2	1.1	1.7	.3																		31	31	96	136
46/ 45														1.6	.8	.1																		23	23	68	103
44/ 43														.1	.5	.6	.1																	13	13	32	91
42/ 41														.1	.1	.1																		3	3	17	73
40/ 39															.2																			2	2	5	34
38/ 37															.1																			1	1	2	29
36/ 35																																				1	12
34/ 33																																					10
32/ 31																																					6
30/ 29																																					1
28/ 27																																					3
26/ 25																																					7
24/ 23																																					2
22/ 21																																					3
20/ 19																																					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



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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE  
STATION STATE OR NAME

7-70, 73-76  
YEARS

DAY

PAGE 1 0900-1100  
HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL													
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
104/103																																		.1	1	1	
98/ 97																																		.0	5	6	
96/ 95																																		1.1	10	10	
94/ 93																																		.4	4	4	
92/ 91																																					
90/ 89																																					
88/ 87																																					
86/ 85																																					
84/ 83																																					
82/ 81																																					
80/ 79																																					
78/ 77																																					
76/ 75																																					
74/ 73																																					
72/ 71																																					
70/ 69																																					
68/ 67																																					
66/ 65																																					
64/ 63																																					
62/ 61																																					
60/ 59																																					
58/ 57																																					
56/ 55																																					
54/ 53																																					
52/ 51																																					
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 43																																					
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
34/ 33																																					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 3 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 304 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING PRAC/PT  
USAF ETAC  
AIR WEATHER SERVICE/WAF

# PSYCHROMETRIC SUMMARY

23111 MARCH 1984 RIVERSIDE

7-7, 72-78

MAY

PAGE 2 0900-1100

HOURS

Time		WET BULB TEMPERATURE DEPRESSION °F																															TOTAL				TOTAL						
°F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point					
32/	31																																									20	
30/	29																																									14	
28/	27																																									6	
26/	25																																									10	
24/	23																																									9	
22/	21																																									2	
TOTAL		2.7	6.2	12.9	16.1	16.1	12.8	9.0	7.5	5.8	4.2	3.5	3.0	2.9	2.7	3.0	1.7	5.4																						930	930	930	930
Element (X)		$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																														
Rel Hum.		2586072	45477	48.919	6.93	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93																														
Dry Bulb		4469835	63685	68.510	8.21	930			45.2	50.9	16.7	2.1	93																														
Wet Bulb		2862573	51591	55.5	4.709	930				.2			93																														
Dew Point		1985297	42451	45.6	7.378	930		6.3					93																														

USAFETAC FORM 0-76-5 (OL A) 1980-REPLACES FORMS OF THIS NAME ARE OBSOLETE

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3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE  
STATION STATION NAME

7-70, 73-76  
YEARS

MAY  
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb
104/103																.2	2	2	
102/101																.1	.1	2	2
100/ 99																1.5	14	14	
98/ 97																2.3	21	21	
96/ 95																1.0	9	9	
94/ 93													.1	.2	.1	1.2	15	15	
92/ 91												.4	.5	.6	.4	.0	25	25	
90/ 89											.3	.3	.6	.3	.0	.9	29	29	
88/ 87										.2	.2	1.8	.8	.2	.5	.5	40	40	
86/ 85										.6	1.5	.6	.6	.9	.8	.5	52	52	
84/ 83									.0	1.2	.4	.4	.5	.2	.4	.3	39	39	
82/ 81								.5	1.1	1.3	1.1	.2	.1	.2	.6	.1	49	49	
80/ 79							.1	1.0	1.8	.5	.0	.3	.1	.1	.2		48	48	
78/ 77							1.1	2.7	.9	.5	.4	.4	.3	.3			62	62	
76/ 75						.6	2.3	1.4	.6	.6	.5						57	57	
74/ 73					.1	.6	2.6	1.3	.5	.0	.2	.1	.2				59	59	
72/ 71				.1	1.7	2.0	2.3	1.0	.4		.4	.2					76	76	1
70/ 69				.8	1.5	1.5	1.5	.2	.3		.1						55	55	1
68/ 67				.0	1.0	2.5	1.0	.9	.1	.2	.1	.1					66	66	12
66/ 65				.4	1.3	1.6	.8	.2	.1								41	41	50
64/ 63		.1	.4	1.3	1.1	.9	.1	.3		.1							40	40	100
62/ 61		.2	1.3	1.0	.9	1.0	.2	.2	.1								45	45	141
60/ 59		.3	1.0	.8	1.0	.3	.2										33	33	141 2
58/ 57		.5	1.0	.8	.1	.2	.3										27	27	121 15
56/ 55	.1	.6	.1	.5	.3												16	16	121 51
54/ 53		.1	.5	.2													8	8	103 95
52/ 51																			63 122
50/ 49																		39	108
48/ 47																		20	97
46/ 45																		12	92
44/ 43																		5	66
42/ 41																			59
40/ 39																			54
38/ 37																			40
Element (Y)	Σx'	Σx		̄x	σ <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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE

7-70, 73-76

MAY

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	Dew Point														
102/101																	.1	1	1																
100/99																	.4	4	4																
98/97																.1	1.5	15	15																
96/95																	1.2	11	11																
94/93													.1	.1	.1	.3	1.0	15	15																
92/91																.3	1.1	13	13																
90/89													.4	.4	.3	.1	.6	18	18																
88/87											.2	.9	.8	.8	.3	.1	.5	32	32																
86/85										.5	1.0	.6	.5	.4			.3	32	32																
84/83								.1	1.2	.9	1.0	.9	.8	.8	.3	.8	60	60																	
82/81								.4	1.4	1.4	1.5	1.3	.3	.3	.2	.3	54	54																	
80/79							.4	1.4	1.4	1.3	.5	.6	.2	.2	.3		60	60																	
78/77						.2	1.1	2.5	1.2	1.1	.8				.1		64	64																	
76/75						1.2	2.3	1.3	1.2	.5			.2				62	62																	
74/73					.1	1.5	3.2	1.7	.6	.8	.1	.2					77	77																	
72/71				.1	.8	1.5	1.7	.8	.9	.3	.1	.1					58	58																	
70/69				.3	1.4	3.4	2.0	.9	.3		.1						79	79	3																
68/67			.1	.9	1.1	1.3	1.1	.4	.1								46	46	3																
66/65			.2	1.0	1.8	1.7	.5	.1	.1	.1							52	52	51																
64/63			1.0	1.3	2.2	1.0	.1	.1									52	52	101																
62/61		.3	1.4	1.3	1.2	.3	.4	.1									47	47	143																
60/59		.1	.6	.9	.5	.5	.4										29	29	144	3															
58/57		.5	.8	.2	.2	.3											19	19	143	21															
56/55	.1	.6	.4	.4	.1	.3											19	19	121	63															
54/53		.2	.8	.1													9	9	99	113															
52/51																			58	116															
50/49		.1															1	1	23	112															
48/47																			25	112															
46/45																			7	99															
44/43																			3	71															
42/41																				47															
40/39																				35															
38/37																				42															
36/35																				20															
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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119      MARCH AFB CA/RIVERSIDE      7-70, 73-70      YEARS      MAY  
STATION      STATION NAME      MONTH

PAGE 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																		
34/ 33																																						19	
32/ 31																																						21	
30/ 29																																						7	
28/ 27																																						8	
26/ 25																																						12	
24/ 23																																						4	
22/ 21																																						2	
TOTAL		.1	1.9	5.2	6.5	9.4	13.3	13.3	9.8	.4	7.2	5.7	4.3	3.0	2.7	1.6	7.5																		929		929	929	
																																					929		929

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1787236	35006	40.915	825	929							
Dry Bulb	5215997	68977	74.210	0.094	929			70.2	51.9	28.4	4.6	93
Wet Bulb	3142919	53863	58.0	4.639	929			1.1				93
Dew Point	2063818	43270	46.6	7.224	929		5.4					93

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

DATA PROCESSING BRANCH  
 JSAF LTAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-70, 73-78 YEARS PAGE 1 1500-2000 MONTH HOURS (U.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																	.1	1	1																	
90/ 89																.2	.3	5	5																	
88/ 87												.1	.1	.1	.1	.2	.3	9	9																	
86/ 85											.1			.1	.3		.1	5	6																	
84/ 83											.1	.1	.1	.2	.1	.1		7	7																	
82/ 81										.1	.2	.4	.1	.1	.1	.1		11	11																	
80/ 79						.1	.1		.4	.1	.0	.4	.1	.1	.1	.1		18	18																	
78/ 77						.1	.2	1.0	.2	.1	.2	.5	.2	.1				24	24																	
76/ 75						.1	.6	.3	1.2	.3	.4	.3	.2	.2	.1			36	36																	
74/ 73						.1	1.2	1.3	.6	.5	.1	.2			.1			30	39																	
72/ 71					.1	.9	1.7	1.1	.5	.2	.1	.2		.1				46	46																	
70/ 69					1.4	2.0	1.4	1.0	.4	.4	.4		.1					67	67																	
68/ 67					1.4	2.2	.8	.6	.3	.2								51	61	2																
66/ 65				1.4	2.9	3.4	1.2	.3	.5	.1								92	92	6																
64/ 63			.1	2.3	3.0	1.7	.5	.9	.2									81	81	18																
62/ 61			.8	3.5	2.9	1.7	.9	.1	.1									93	93	63	1															
60/ 59		.2	3.5	4.3	3.2	.5	.6	.1										117	117	113	4															
58/ 57		.8	2.7	3.1	2.4	.3	.6											92	92	143	10															
56/ 55		.5	2.0	2.4	.8	.2	.3											58	58	174	60															
54/ 53		.8	1.4	1.6	.2	.5												42	42	148	123															
52/ 51		.2	.9	.1	.3	.1												15	15	125	140															
50/ 49			.5	.2	.1													8	8	64	138															
48/ 47			.1	.1														2	2	42	113															
46/ 45																				18	93															
44/ 43																				12	73															
42/ 41																				2	45															
40/ 39																					21															
38/ 37																					27															
36/ 35																					26															
34/ 33																					19															
32/ 31																					17															
30/ 29																					5															
28/ 27																					4															
26/ 25																					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																																				

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 7-70, 73-78 MAY  
STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					1
22/ 21																					2
20/ 19																					1
18/ 17																					2
TOTAL	2.5	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	930	930	930	930	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3237694	52458	56.4	17.102	930			33.0	15.6	5.1		93
Dry Bulb	3950864	60154	64.7	8.037	930			.2				93
Wet Bulb	2822284	51072	54.9	4.354	930							93
Dew Point	2112331	43885	47.2	6.682	930		3.7					93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23117 MARCH AFB CA/RIVERSIDE

7-70, 73-78

MAY

PAGE 1 2100-2500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81																		1	1																
76/ 75										.4					.1		5	5																	
74/ 73								.2		.1	.1				.7		6	6																	
72/ 71							.2	.2		.3	.2				.1		17	10																	
70/ 69					.4	.3	.2	.2	.6	.1	.2	.1	.1				27	22																	
68/ 67				.1	.3	.6	.3	.2	.1								16	16																	
66/ 65			.5	.9	1.1	.2	.2	.1	.1								20	29																	
64/ 63		.3	1.5	1.5	.5	.4	.2	.3									45	45																	
62/ 61	.1	.9	3.3	1.2	.6	.2	.3	.2	.1	.1							68	68	6																
60/ 59	.4	4.5	3.7	1.5	.9	.3	.3										110	110	27	1															
58/ 57	3.2	7.4	4.0	1.2	.3	.8		.1									158	158	54	7															
56/ 55	3.5	9.1	3.5	.9	.2		.1										162	162	106	30															
54/ 53	4.1	6.8	3.0	.1	.4												134	134	166	105															
52/ 51	1.8	4.2	1.7	.4													76	76	178	154															
50/ 49	1.1	2.6	.8	.5	.1												47	47	135	140															
48/ 47	1.1	.9	.4														22	22	100	144															
46/ 45	.5	.1	.5														11	11	51	103															
44/ 43	.4	.3	.1														8	6	26	75															
42/ 41																			16	59															
40/ 39																			5	31															
38/ 37																				16															
36/ 35																				19															
34/ 33																				23															
32/ 31																				10															
30/ 29																				2															
28/ 27																				1															
26/ 25																				4															
24/ 23																				2															
22/ 21																				1															
18/ 17																				2															
16/ 15																				1															
TOTAL	16.3	37.1	23.4	8.9	5.2	2.7	2.3	1.5	.8	1.1	.1	.1	.4	.1			930	930		930															
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4922850	66152	71.1	5.207	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	3059499	53089	57.1	5.579	930			6.0	1.2	.1		93																							
Wet Bulb	2502777	48099	51.7	4.035	930							93																							
Dew Point	2088496	43716	47.0	6.011	930			2.3				93																							

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

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3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-7, 73-78

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS U.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													
104/103																	.0	.3															3	3	
102/101																	.0	.6																3	3
100/99																		.2																18	18
98/97																		.6																42	42
96/95																		.4																30	30
94/93																	.0	.0	.1	.1	.3													34	34
92/91																	.1	.1	.1	.1	.4													52	52
90/89																	.1	.1	.1	.1	.2	.3												68	68
88/87																	.1	.1	.4	.2	.1	.1	.3											104	104
86/85																	.0	.2	.4	.2	.2	.3	.1	.2										111	111
84/83																	.0	.2	.3	.2	.3	.2	.1	.2										134	134
82/81																	.1	.3	.5	.4	.2	.1	.1	.2										149	149
80/79																	.0	.1	.4	.0	.3	.3	.2	.1	.1	.1								161	161
78/77																	.0	.4	.9	.4	.3	.2	.2	.1	.1	.0								198	198
76/75																	.0	.4	.7	.6	.4	.3	.1	.1	.1	.0								204	204
74/73																	.1	.6	1.2	.6	.3	.3	.1	.1	.1	.0								247	247
72/71																	.0	.5	.9	.8	.4	.3	.1	.1	.1	.0								242	242
70/69																	.4	.8	1.0	.7	.5	.2	.1	.1	.1	.0								290	290
68/67																	.1	.6	1.0	.8	.6	.3	.1	.1	.1	.0								265	265
66/65																	.0	.4	.9	1.3	.9	.4	.2	.1	.0									316	316
64/63																	.1	1.0	1.3	1.1	.6	.3	.2	.0										345	345
62/61																	.0	.5	1.3	1.2	.9	.5	.2	.1	.0									396	396
60/59																	.3	2.0	2.2	1.5	.7	.4	.2	.0	.0									540	540
58/57																	.0	1.7	3.2	2.3	1.1	.3	.4	.1	.0									667	667
56/55																	.2	3.4	3.7	1.9	.8	.3	.1	.1										779	779
54/53																	.3	3.5	3.7	1.8	.3	.3	.1	.0										745	745
52/51																	.1	2.6	2.8	1.0	.3	.1	.0	.0										515	515
50/49																	.1	1.3	2.3	.4	.1	.1												317	317
48/47																	.1	1.1	1.0	.2	.1	.0												189	189
46/45																	.0	1.0	.5	.2	.1	.0												137	137
44/43																	.0	.4	.3	.1	.0													66	66
42/41																	.0	.2	.2	.0														36	36
40/39																	.0	.2	.0															22	22
38/37																	.0	.1	.0															10	10
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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 STATION      MARCH AFB CA/RIVERSIDE STATION NAME      7-7, 73-76 YEARS      PAGE 4      MONTH ALL      HOURS ALL

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
36/ 35		.0	.0															2	2	14	191															
34/ 33		.0																1	1	2	149															
32/ 31																				2	120															
30/ 29																					59															
28/ 27																					43															
26/ 25																					50															
24/ 23																					38															
22/ 21																					19															
20/ 19																					3															
18/ 17																					3															
16/ 15																					1															
TOTAL	.816	.070	.313	.4	8.9	7.5	6.7	5.7	4.4	-.0	2.6	2.2	1.8	1.4	1.3	1.0	2.9	7438		7438	7438															

Element (X)	Σ X'	Σ X	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	31402008	453106	60.92	2.604	7438							744
Dry Bulb	30260220	466066	62.71	1.919	7438			235.6	155.8	83.1	13.0	744
Wet Bulb	21453486	397248	53.4	5.649	7438		.2	2.9				744
Dew Point	16284865	344405	46.3	6.739	7438		33.6					744

USAF/ETAC FORM 0-26.5 (OL. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

7-7, 1973-75

JUN

STATION

STATION NAME

YEARS

PAGE 1

0000-0000

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									
75/ 75																							.1	1	1										
74/ 73																							.3	3	3										
72/ 71																							.3	3	3										
70/ 69						.1	.3					.3	.3									.1	11	11											
68/ 67					.6	.4	.4	.9	.4															25	25										
66/ 65			.4	.8	1.2	.9	.0	.4																37	39										
64/ 63		.5	1.9	1.7	1.2	.7	.3	.1																60	60										
62/ 61	.9	2.2	3.1	.9	1.2	.9	.3	.3																89	89	4									
60/ 59	3.3	8.3	3.7	1.8	.8	.1	.3	.1																166	166	39									
58/ 57	6.8	11.1	2.3	1.3	.3	.1	.1																	198	198	102	27								
56/ 55	.2	6.0	9.5	2.1	.6	.1																		162	162	221	81								
54/ 53	3.9	4.7	.8																					84	84	219	150								
52/ 51	1.8	1.7	.3																					34	34	172	185								
50/ 49	1.0	.4																						13	13	86	138								
48/ 47	.4	.2																						6	6	34	110								
46/ 45	.4	.1																						5	5	15	77								
44/ 43	.1																							1	1		44								
42/ 41																											33								
40/ 39																											23								
38/ 37																											10								
36/ 35																											6								
34/ 33																											1								
32/ 31																											2								
30/ 29																											6								
26/ 25																											1								
<b>TOTAL</b>	.224	.738	.614	.7	7.7	5.6	3.1	2.9	1.3	.6	.4														900	900	900	100							

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5130796	66634	74.0	4.817	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3061001	52511	58.3	4.376	900			4.3	.4			90
Wet Bulb	2585303	48154	53.5	3.138	900							90
Dew Point	2225913	44537	49.5	4.944	900		.9					90

USAFETAC FORM 0.26-5 (01 A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23115 MARCH APR CA/RIVERSIDE  
STATION STATION NAME

7-7, 73-76  
YEARS

JUN  
MONTH

PAGE 1 0300-0500  
HOURS U.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19	20	21-22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
70/ 69					.1	.1	.1		.3	.3																1	1								
68/ 67					.6	.2	.2	.3	.3	.2																9	9								
66/ 65					.0	.7	.0	.0	.6	.1																17	17								
64/ 62					.2	.7	1.2	.9	.7	.4	.1															27	27								
62/ 61		.2	.7	1.2	.9	.7	.4	.1																		40	40	2							
60/ 59		3.7	4.0	1.4	.9	1.6	.4	.1																		114	114	13	1						
58/ 57	.3	8.1	9.8	2.8	1.3	.3	.1	.1	.1																	207	207	66	24						
56/ 55	1.2	9.7	6.7	2.0	1.1	.1	.2	.1																		192	192	179	59						
54/ 53	.9	8.1	6.0	1.8	.4	.1	.1	.1																		158	158	200	158						
52/ 51	.2	2.0	3.3	1.1																						65	65	150	150						
50/ 49	.2	1.6	2.4	.1																						39	39	115	134						
48/ 47		.9	.0																							12	12	73	107						
46/ 45		.8																								7	7	36	76						
44/ 43		.8																								7	7	11	54						
42/ 41		.0																								5	5	16	52						
40/ 39																												4	38						
38/ 37																														16					
36/ 35																														4					
34/ 33																														2					
32/ 31																														3					
30/ 29																														2					
28/ 27																														1					
26/ 25																														3					
TOTAL		2.936	6.034	4.117	5.7	3.9	2.2	1.8	.9																		900	900	900	900					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum	5688510	70390	78.2	14.276	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90																							
Dry Bulb	2841895	50440	56.0	4.087	900			1.0				90																							
Wet Bulb	2464728	46988	52.2	3.582	900							90																							
Dew Point	2175349	43993	48.9	5.265	900		.9					90																							

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# PSYCHROMETRIC SUMMARY

23113 AMPCH AFB CA/RIVERSIDE

7-7, 73-76

JUL  
 MONTH

PAGE 1

0600-0600  
 HOURS U.S.T.

Year	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 Po														
92/ 91																	.1	1	1																
90/ 89																	.1	1	1																
88/ 87														.1				1	1																
85/ 85												.2					.1	3	3																
84/ 83									.1			.1	.3	.1				6	6																
82/ 81								.1			.4	.1	.2					8	8																
80/ 79								.1	.3	.2	.3	.2						11	11																
78/ 77							.1	.6	.4	.7	.7	.2						24	24																
76/ 75						.1	.4	.7	.3	.8	.4	.2						27	27																
74/ 73					.1	.3	.3	.1	.2	.4	.4	.1						19	19																
72/ 71					.1	.5	1.0	.4	.8	.2	.1							33	33																
70/ 69				.1	.9	.7	1.0	.9	.9		.1							37	37																
68/ 67			.4	.9	.9	.9	.4	.3										35	35																
66/ 65		.4	1.4	1.0	1.2	.8	.4	.2										55	55	4															
64/ 63		.7	2.2	1.3	1.1	.1	.2											51	51	21															
62/ 61		.8	1.7	3.1	2.3	1.1	.3	.2		.1								87	87	43															
60/ 59	.2	3.3	4.7	4.8	1.1	.4												131	131	54	18														
58/ 57	.1	6.4	5.9	1.8	.4	.2												134	134	148	43														
56/ 55	.9	6.4	5.0	1.0	.1		.1											138	138	219	96														
54/ 53	1.4	3.4	1.3	.8														67	67	194	174														
52/ 51	.6	1.0	.4															18	18	118	155														
50/ 49	.1	.6	.3															9	9	46	124														
48/ 47			.2															2	2	17	105														
46/ 45		.1																1	1	2	70														
44/ 43		.1																1	1	3	46														
42/ 41																				1	21														
40/ 39																					23														
38/ 37																					8														
36/ 35																					0														
34/ 33																					4														
32/ 31																					2														
30/ 29																					1														
28/ 27																					1														
26/ 25																					2														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/NIVERSIDE 7-7, 72-70 10  
STATION NO. STATION NAME YEARS

Page 2 0600-0600  
MOON HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION F.																																TOTAL			
	0	1-2	3-4	5-6	7	8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
TOTAL	3.9	22.2	22.1	16.4	8.9	6.7	5.0	4.4	3.1	2.6	2.0	1.2	.9	.7	.1	.5			900			900														
																			900			900														

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4661532	62264	69.2	19.843	900	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Dry Bulb	3491345	35641	61.8	7.564	900			20.6	10.1	2.7		90
Wet Bulb	2754852	49692	55.2	3.528	900							90
Dew Point	2287355	45137	50.2	5.127	900		.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 66 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

23115 MARCH AFB CA/RIVERSIDE 7-7 73-7c YEARS  
 PAGE 1 0800-1100

Year	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	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																												.2	2	2				
102/101																												.1	1	1				
100/ 99																												1.2	11	11				
96/ 97																												.5	5	5				
96/ 95																												1.9	17	17				
94/ 93																										.1	.4	1.0	21	21				
92/ 91																								.1	.5	.2	.8	2.0	33	33				
90/ 89																			.1			.4	.1	.3	.4	1.0	27	27						
88/ 87																			.3	.8	.3	.7	.7	.6	.4		38	38						
86/ 85																		.4	.2	.8	1.2	1.0	.5	.1	.4		54	54						
84/ 83											.4	.4	.4	.4	1.2	.9	.8	.4	.1								44	44						
82/ 81										.6	.6	.1	.6	.4	1.3	.3	.2	.1									51	51						
80/ 79									.2	.8	1.3	.7	.3	.9	.3	.1											51	51						
78/ 77									.3	1.7	1.0	1.1	.4	.2	.2	.1											46	46						
76/ 75						.1	.2	1.4	1.5	1.5	.7	.2	.1														48	48						
74/ 73			.1	.1	.4	1.6	1.4	.4	.2	.3	.1																43	43						
72/ 71			.1	2.2	1.4	.9	.2			.1																	45	45						
70/ 69			.2	.8	1.7	1.7	.2	.3																			44	44		2				
68/ 67			.1	2.1	3.1	.9	.3	.1																			60	60	34					
66/ 65			.1	.8	1.7	1.9	.3	.1																			44	44	65					
64/ 63			.6	1.9	3.4	1.3	.1																				66	66	98		1			
62/ 61			.8	3.1	1.7	.8	.2																				57	57	127		9			
60/ 59		.3	1.3	2.0	1.2	.2																					46	45	164		20			
58/ 57		.3	1.7	1.7	.1																						34	34	162		40			
56/ 55		.3	.4																								7	7	124		102			
54/ 53		.1	.1																								2	2	79		132			
52/ 51																														22		121		
50/ 49																														3		128		
48/ 47																																	81	
46/ 45																																	66	
44/ 43																																	39	
42/ 41																																	41	
40/ 39																																	28	
38/ 37																																	28	
Element (°F)	Z <sub>1</sub>	Z <sub>X</sub>	X̄	S <sub>e</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 (01. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 7-70, 73-78 JUN  
STATION STATION NAME YEARS MONTH  
 PAGE 2 0900-1100  
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL					
	0	1-2	3-4	5	6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
36/ 35																																					25
34/ 33																																					18
32/ 31																																					11
30/ 29																																					5
28/ 27																																					3
26/ 25																																					1
TOTAL		1.1	5.1	9.8	11.3	11.7	8.2	7.0	5.4	4.7	3.2	4.8	5.3	3.7	2.6	2.8	10.6											900				900			900		

Element (λ)	Σ x²	Σ x	x̄	s̄ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	2181448	40462	45.02	0.77	900							
Dry Bulb	5175024	67492	75.01	1.47	900			64.4	49.5	33.4	6.0	90
Wet Bulb	3171795	53313	59.2	1.905	900			3.6				90
Dew Point	2184420	3916	48.8	0.795	900			2.0				90

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-70, 73-78  
YEARS

JUN  
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															
108/107																	.1	1	1																	
106/105																	.6	5	5																	
104/103																	1.2	11	11																	
102/101																	1.9	17	17																	
100/99																.1	2.9	27	27																	
98/97																.9	3.1	29	29																	
96/95														.1	.2	.9	2.9	37	37																	
94/93												.1	.3	.6	1.2	1.1	3.0	57	57																	
92/91										.1	.9	.7	.9	1.3	.8	1.1	52	52																		
90/89									.1	.7	.9	1.3	1.4	.9	.7		54	54																		
88/87									.1	.6	2.0	1.4	1.2	1.2			59	59																		
86/85									.6	1.3	2.2	2.0	1.3	.7	.1	.1	75	75																		
84/83							.1	.4	1.3	1.4	1.2	.1	1.0	.4	.1	.1	42	42																		
82/81							.1	.4	1.3	1.4	1.2	.1	.3	.1			46	46																		
80/79							.2	.3	2.6	1.7	.9	.2	.1	.1	.1		56	56																		
78/77							.1	1.9	1.9	1.2	.2	.1					49	49																		
76/75						.2	1.0	1.9	2.2	.3	.1	.1					53	53																		
74/73					.1		1.2	3.1	.6		.1						46	46																		
72/71						.1	2.4	1.6									37	37	5																	
70/69					.3	1.6	1.8	.4		.1							38	38	30																	
68/67				.1	.6	1.2	.6	.6	.2								29	29	58																	
66/65				.2	1.0	1.6	.4										29	29	127																	
64/63				1.1	.8	.7	.4										27	27	166	2																
62/61				.7	1.1												16	16	176	16																
60/59			.3	.1	.3												7	7	173	17																
58/57			.1														1	1	94	46																
56/55																			37	98																
54/53																			26	122																
52/51																			6	137																
50/49																				122																
48/47																				90																
46/45																				66																
44/43																				44																
42/41																				42																
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	σ <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																						
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/TCE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

67-70, 73-78

JUN

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	DB-W.B.	Dry Bulb	Wet Bulb	Dew Point		
106/105																		.3	3	3				
104/103																		.6	5	5				
102/101																		.3	7	7				
100/ 99																	.5	2.2	23	23				
98/ 97																	.4	1.9	21	21				
96/ 95																.1	.6	2.3	27	27				
94/ 93													.2	.6	.7	1.1	2.1	42	42					
92/ 91											.2	.7	.8	.6	.4	1.3	1.4	49	45					
90/ 89										.1	.6	1.0	1.2	1.3	1.6	1.0	.6	61	61					
88/ 87										.1	.3	2.3	1.6	.9	.6	.3	.3	60	60					
86/ 85								.2	.8	1.3	1.6	1.2	.9	.2	.1			57	57					
84/ 83							.1	.4	1.2	2.7	1.0	1.3	.6	.2				73	73					
82/ 81							.3	1.7	1.8	1.4	.7	.3						56	56					
80/ 79						.2	.6	4.3	.1	.6	.2	.1						73	73					
78/ 77						.1	2.1	2.6	.9	.2	.2	.1						56	56					
76/ 75					.1	1.1	4.0	1.6	.4	.3			.1					66	66					
74/ 73					.2	.7	2.2	1.6	.2									39	39	4				
72/ 71					.1	.2	1.4	1.2	.6	.1								33	33	24				
70/ 69				.1	.2	1.4	1.2	.6	.1									23	28	55				
68/ 67				.1	1.1	1.1	.2	.4	.1									28	28	126				
66/ 65				.3	.9	1.7	.2											17	17	186				
64/ 63				.4	.8	.4	.2											19	19	197				
62/ 61				1.2	.9													7	7	162				
60/ 59			.1	.4	.2													1	1	79				
58/ 57			.1																	45				
56/ 55																				23				
54/ 53																				1				
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
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

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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2311<sup>0</sup> STATION MARCH AFH CA/RIVERSIDE STATION NAME 7-7073-78 YEARS JUN MONTH  
 PAGE 2 1500-1700 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.G. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point
38/ 37																					30
36/ 35																					24
34/ 33																					4
32/ 31																					1
30/ 29																					2
TOTAL		2	2.7	4.3	5.4	6.8	2.0	1.7	7.8	7.3	4.2	7.0	4.8	3.4	5.2	2.5		900		900	
																		900		900	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1397454	32918	36.6	4.670	900	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	6073052	73394	81.5	9.885	900			82.8	72.8	52.4	12.8	90
Wet Bulb	3460895	55719	61.9	3.550	900			8.3				90
Dew Point	2282908	45000	50.0	6.050	900			3				90

USAFETAC FORM 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

23119 MARCH APR CA/RIVERSIDE  
STATION STATION NAME

7-7J, 73-76  
YEARS

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														
98/ 97																	.2	2	2																
94/ 93																	.1	.3	6	6															
92/ 91																	.1	.1	3	3															
90/ 89													.1	.4			.2	.3	13	13															
88/ 87												.1	.2	.2			.4	.4	13	13															
86/ 85											.2	.7	.6	1.1			.6	.1	29	29															
84/ 83										.2	.4	.3	.9	.7			.2		25	25															
82/ 81								.2	.8	.7	1.1	.8	.7	.4					42	42															
80/ 79						.3	1.3	.8	1.1	1.3	1.0	.3	.1						55	55															
78/ 77						.2	1.4	1.4	.8	1.4	.6	.2							55	55															
76/ 75						.3	1.9	2.3	1.4	1.0	.2								65	65															
74/ 73					.2	1.1	2.4	1.3	1.6	.7	.2	.1							69	69															
72/ 71					.3	3.1	2.7	1.3	.8	.3									77	77															
70/ 69				.2	2.2	3.9	1.9	1.0	.4										87	87															
68/ 67			.4	4.3	2.4	.4	.3												72	72	5														
66/ 65			1.9	4.1	1.2	.4													69	69	42														
64/ 63			.3	3.7	3.3	.0													71	71	97														
62/ 61		.1	.6	4.0	1.3	.4	.1												59	59	161	4													
60/ 59			1.8	2.8	1.3														53	53	194	18													
58/ 57		.1	1.4	1.7	.2														31	31	200	43													
56/ 55			.2	.1	.1														4	4	106	140													
54/ 53																					70	180													
52/ 51																					22	143													
50/ 49																					2	106													
48/ 47																					1	79													
46/ 45																						64													
44/ 43																						44													
42/ 41																						31													
40/ 39																						25													
38/ 37																						15													
36/ 35																						3													
34/ 33																						1													
32/ 31																						3													
28/ 27																						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																																			

REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23112 MARCH AFB CA/RIVERSIDE 7-7,73-76 PAGE 2 1800-2000  
STATION 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	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL		.2	4.5	14.8	17.0	13.1	10.2	9.3	7.2	5.8	.0	3.0	3.0	1.3	1.3	1.2		900			900

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	2593084	45982	51.1	6.468	900							
Dry Bulb	4638488	64176	71.3	8.325	900			61.3	37.7	16.0	.8	90
Wet Bulb	3142393	53093	59.0	3.388	900			.5				90
Dew Point	2322718	45482	50.5	5.195	900		.4					90

USAF ETAC FORM JUL 64 0-225 (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

23119      MARCH AFB CA/RIVERSIDE      7-7, 73-76      JUL  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      2100-2300  
HOURS U.S.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
84/ 83																																	1	1		
82/ 81													.1	.1																			2	2		
80/ 79															.1		.4																5	5		
78/ 77																	.2	.2															4	4		
76/ 75											.2	.1	.2				.7	.5															16	16		
74/ 73										.1	.3	.0	.4	.9			.2	.1															24	24		
72/ 71							.1	.9	.8	.0	.7	.7																					35	35		
70/ 69				.2	1.1	1.6	1.2	.9	.4	.1	.6																						55	55		
68/ 67				1.1	2.3	2.5	2.0	1.7	.6	.1	.1																						94	94		
66/ 65			.4	2.2	2.0	2.7	1.1	.2		.1																							86	86		
64/ 63			1.7	6.0	1.0	.9	.7																										99	99		
62/ 61		.6	3.9	5.4	2.1	.4	.1	.1																									114	114	42	
60/ 59		.4	9.2	5.0	.3	.2																											137	137	121	9
58/ 57		1.7	6.9	2.0	.3																												105	105	179	39
56/ 55		1.1	6.6	1.4																													82	82	257	99
54/ 53		.7	2.3	.4																													31	31	150	186
52/ 51		.1	.6																														6	6	85	175
50/ 49			.3																														3	3	38	143
48/ 47				.1																													1	1	6	80
46/ 45																																			4	61
44/ 43																																				47
42/ 41																																				20
40/ 39																																				21
38/ 37																																				7
36/ 35																																				3
34/ 33																																				6
32/ 31																																				3
30/ 29																																				1
TOTAL		4.6	2.0	4.7	10.9	9.3	6.4	4.1	2.3	1.9	1.9	1.1	.6	.1	.1																		900	900	900	900
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4169499	59581	66.2	5.826	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb	3569303	56441	62.7	5.754	900			23.6	5.2	.6		90																								
Wet Bulb	2800574	50128	55.7	3.085	900							90																								
Dew Point	2298292	45274	50.3	4.811	900			.4				90																								

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 MARCH AFB CA/RIVERSIDE  
STATION NAME

7-7, 73-78  
YEARS

JULY  
MONTH

PAGE 1

ALL

HOURS U.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																		.0	1	1															
106/105																		.2	6	6															
104/103																		.3	18	18															
102/101																		.3	25	25															
100/99																	.1	.6	61	51															
98/97																	.1	.6	60	60															
96/95														.0	.0	.2	.9	81	81																
94/93											.0	.1	.1	.3	.3	.9	126	126																	
92/91										.0	.2	.2	.4	.4	.3	.4	.6	138	138																
90/89									.0	.2	.2	.4	.4	.3	.3	.3	.3	156	156																
88/87									.0	.2	.5	.7	.7	.5	.3	.1	.1	171	171																
86/85								.0	.2	.5	.7	.7	.5	.3	.1	.1	.1	215	215																
84/83							.0	.1	.4	.6	.4	.5	.3	.1	.1			191	191																
82/81						.0	.2	.6	.6	.5	.4	.4	.2	.0	.0			205	205																
80/79						.1	.4	1.1	.7	.6	.3	.2	.0	.0				251	251																
78/77						.1	1.0	.9	.6	.4	.2	.1	.0					234	234																
76/75				.0	.1	.6	1.3	.6	.4	.2	.1	.0						276	276																
74/73			.0	.1	.3	.9	1.3	.5	.3	.2	.1							253	253																
72/71				.1	.9	1.3	.8	.3	.2	.0	.0							259	269	9															
70/69				.7	1.4	1.1	.5	.3	.0	.1	.0							306	306	56															
68/67		.0	.3	1.5	1.5	.7	.0	.3	.0	.0								352	352	152															
66/65		.1	1.0	1.0	1.5	.6	.2	.1	.0									367	367	364															
64/63			.5	2.2	1.7	.8	.3	.1	.0									418	418	576															
62/61		.3	1.2	2.7	1.4	.6	.3	.1	.0	.0								481	481	752															
60/59	.0	1.4	3.8	2.5	.9	.4	.1	.1	.0									661	661	950															
58/57	.1	2.9	4.6	1.6	.5	.1	.0	.0	.0									711	711	1050															
56/55	.3	2.9	3.6	.9	.2	.0	.0	.0										585	585	1196															
54/53	.3	2.0	1.9	.5	.1	.0	.0	.0										342	342	961															
52/51	.1	.7	.8	.2														123	123	618															
50/49	.0	.4	.4	.0														64	64	291															
48/47		.1	.2															21	21	131															
46/45		.2	.0															13	13	57															
44/43		.1																9	9	21															
42/41		.1																5	5	12															
Element (X)	ΣX'	ΣX	Σ	Σ	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 0-20 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

23119      MARCH AFB CA/RIVERSIDE      7-7, 73-78      JUN 73  
STATION      STATION NAME      YEARS      MONTH

PAGE 2      ALL  
HOURLY

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										
40/ 39																																		4	212	
38/ 37																																				147
36/ 35																																				91
34/ 33																																				43
32/ 31																																				26
30/ 29																																				20
28/ 27																																				6
26/ 25																																				6
TOTAL	.611	2.2	7.2	12.1	8.8	7.6	6.3	6.6	5.2	3.6	3.5	3.2	3.0	2.3	1.7	1.7	5.2																	7200	7200	
																																			7200	7200

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum.	27137010	409812	56.923	3.009	7200							
Dry Bulb	35100451	494341	68.712	6.092	7200			340.0	247.3	159.3	38.0	720
Wet Bulb	23830191	412703	57.3	4.918	7200			21.7				720
Dew Point	18001717	357733	49.7	5.624	7200			6.2				720

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR - RATHER SERVICE/MAO

# PSYCHROMETRIC SUMMARY

23115 MARCH AFB CA/RIVERSIDE 7-70, 73-70 TOL  
STATION STATION NAME YEARS USAF  
PAGE 1 0000-0200  
HOURS U.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											1	1			
76/ 75								.2	.3	.1	.2	.1																			4	9			
74/ 73								.4	.6	1.1	.3	.1	.2																	2	76				
72/ 71			.3		.2	1.2	2.2	1.9	1.3	.4									.1											71	71				
70/ 69			.4	1.0	3.9	2.7	3.0	1.2										.1												12	120	3	3		
68/ 67			1.6	2.0	5.1	3.3	1.6	.0	.1	.1																			136	136					
66/ 65		.2	2.0	5.5	2.3	2.0	.9	.5	.3																				12	128	12				
64/ 63		.4	4.6	6.6	1.5	.7	.5	.2																					137	137	63	3			
62/ 61	2.2	5.3	3.4	1.1	.5	.2																							11	118	136	29			
60/ 59	3.9	3.8	2.4	1.0	.1																								103	103	223	48			
58/ 57	.9	2.0	1.9	.5	.1	.1																							57	57	229	150			
56/ 55	.4	1.4	.2	.1																									20	20	125	194			
54/ 53		.4																											4	4	82	139			
52/ 51																																43	113		
50/																																13	94		
48/ 47																																1	71		
46/ 45																																		34	
44/ 43																																		19	
42/ 41																																		16	
40/ 39																																		5	
38/ 37																																		8	
36/ 35																																		3	
34/ 33																																		1	
TOTAL	8.3	22.2	23.9	16.0	12.5	9.2	5.2	1.4	.5	.3																				930	930	930			

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4355815	62335	67.0	3.830	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3933817	60335	64.9	4.582	930			36.3	3.6			93
Wet Bulb	3147068	54010	58.1	3.350	930			.3				93
Dew Point	2644677	49379	53.1	4.961	930			.3				93

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

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3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE  
STATION

7-7, 73-78  
YEARS

JUL  
MONTH  
PAGE 1 0300-0300  
HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73						.3	.1											4	4																
72/ 71		.1			.4	.7	.4	.1	.2									18	18																
70/ 69		.2	.4	.5	1.0	1.0	1.4		.1									56	56	2	2														
68/ 67			.8	1.1	4.7	3.1	1.7	.5	.1									112	112	1	1														
66/ 65	.1	.2	3.2	3.2	3.1	3.2	.4	.2	.2									137	130	0	1														
64/ 63		.4	3.3	4.2	2.5	1.0	.3	.4										119	118	17	0														
62/ 61		1.9	4.6	4.1	1.0	.7	.8	.1										129	129	85	13														
60/ 59	.3	5.7	6.3	2.5	.0	.7	.3											156	156	171	30														
58/ 57	.9	4.1	5.3	1.7	.5	.1												117	117	237	128														
56/ 55	.2	1.9	2.0	1.1	.2													51	51	181	176														
54/ 53		.9	1.4	.4		.1												25	26	156	148														
52/ 51	.3	.2	.4	.2														11	11	72	130														
50/ 49			.2															7	2	44	108														
48/ 47																				7	69														
46/ 45																				3	37														
44/ 43																					28														
42/ 41																					16														
40/ 39																					11														
38/ 37																					6														
36/ 35																					4														
TOTAL	1.0	15.7	28.1	19.0	15.1	12.8	5.5	1.4	.6									930	930	930	930														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mem No. of Hours with Temperature					Total	
Rel. Hum.	4967600	66700	71.7	4.068	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93
Dry Bulb	3617022	57646	62.2	4.522	930			19.0	.4			93
Wet Bulb	73355	52703	56.7	3.546	930			.3				93
Dew Point	82854	48792	52.5	4.976	930			.3				93

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

23113 MARCH APP (A/RIVERSIDE) 7-7, 73-75 YEARS PAGE 1 3500-01.00

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.	Dr. Bulb	Wet Bulb	Dew Point			
90/ 89																									.2										3	3			
88/ 87																									.1										1	1			
86/ 85																										.1	.1								2	2			
84/ 83																		.1	.3	.1	.5	.1				.1								13	13				
82/ 81													.4	.3	.3	.6	.3																		31	31			
80/ 79												.2	1.0	.0	.6	.2																			31	31			
78/ 77								.1	.7	1.0	1.0	.3	.5	.1																					51	51			
76/ 75							.6	1.4	2.7	1.7	1.0	.2	.2																							69	69		
74/ 73				.1		.6	1.0	2.6	1.5	.5	.1																									66	66		
72/ 71			.4	.2	1.0	2.0	1.7	.6	.5	.2																										79	79		1
70/ 69			.5	1.4	3.4	2.0	1.3	1.5	.5																											107	107		1
68/ 67			.3	2.0	3.9	1.4	.3	.1	.1																											34	34	17	3
66/ 65	.1		2.0	4.0	2.5	1.5	.8	.3																												110	110	66	3
64/ 63			2.5	3.1	1.0	.4	.4																													69	69	130	7
62/ 61		2.2	2.0	1.9	1.1	.2	.1																													75	75	184	17
60/ 59	.1	2.6	3.4	1.2	.3	.1																														72	72	205	92
58/ 57	1.0	1.9	.9	.6	.2																															43	43	156	168
56/ 55	.1	.3	.9	.1																																13	13	93	190
54/ 53	.1	.3	.5	.1																																10	10	47	138
52/ 51			.1																																	1	1	22	108
50/ 49																																						6	83
48/ 47																																							52
46/ 45																																							30
44/ 43																																							15
42/ 41																																							11
40/ 39																																							5
38/ 37																																							1
TOTAL	1.0	7.3	14.7	15.4	15.1	12.4	11.7	8.0	5.4	3.6	2.2	1.3	.5																							930		930	
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																						
Wet Bulb	3867700		57876		62.2		6.920		930		= 30 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total																
Dry Bulb	4401959		63645		68.4		7.066		930						53.7		26.7		6.4				93																
Wet Bulb	3333274		55574		59.8		3.644		930						2.1								93																
Dew Point	2723943		50143		53.9		4.658		930						.4								93																

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20117 MARCH AFB CA/RIVERSIDE

7-7, 73-76

JUL

PAGE 1 0900-1,00

Time	WET BULB TEMPERATURE DEPRESSION °F																															TOTAL				TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point				
104/103																																		.1	1	1					
102/101																																		.0	1	1					
100/99																																	.1	.5	4	4					
98/97																																	.7	2	1.7	17	17				
96/95																										.3	.3	.5	.5	1.4	34	34									
94/93																									.1	.3	1.0	1.2	.4	1.1	38	38									
92/91																									.1	.3	1.0	1.4	1.3	2.0	.5	1.1	80	80							
90/89																									.4	.9	2.2	1.9	2.0	1.1	.2	.4	85	85							
88/87												.1	.3	.6	1.3	2.3	1.0	1.3	1.0													.2	.4	83	83						
86/85												.1	.2	.5	1.7	2.2	1.4	.5	.3	.2												.2	.4	90	90						
84/83												.2	.2	2.0	2.7	2.6	1.6	1.1	.4																						
82/81												.1	1.7	1.5	2.2	1.0	1.3	.3															.1								
80/79												.1	.2	1.9	2.2	.2	.0	.2	.1																						
78/77												.1	.2	1.8	2.0	1.0	.5	.5	.1																						
76/75												.1	.1	.9	1.9	1.5	.6	.4	.1																						
74/73												.4	1.1	1.5	.8	.2																									
72/71												.3	.4	1.5	.5	.2																									
70/69												.2	1.2	.5	.6	.1																									
68/67												.1	.5	.4	.1	.1																									
66/65												.1	.0	.2	.5																										
64/63												.2	.2	.1																											
62/61												.1	.1	.2																											
60/59												.1																													
58/57																																									
56/55																																									
54/53																																									
52/51																																									
50/49																																									
48/47																																									
46/45																																									
44/43																																									
42/41																																									
40/39																																									
38/37																																									
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 (01 A) JUL 64



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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE  
STATION STATE OR NAME

7-7, 73-78  
YEARS

JUL  
MONTH

PAGE 1 1200-1400  
HOURS - S.

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																	.2	2	2																
106/105																	.4	4	4																
104/103																.1	.8	5	8																
102/101																.1	2.5	24	24																
100/99														.1	.6	.8	3.7	48	48																
98/97													.3	1.6	1.5	3.2	64	64																	
96/95												1.2	2.9	4.5	1.9	2.2	118	118																	
94/93										.3	1.1	2.2	3.5	4.2	1.7	1.6	134	134																	
92/91										.5	2.4	2.2	2.8	1.5	.4	.8	98	98																	
90/89									.4	1.7	2.4	4.1	1.7	.9	.3	.3	110	110																	
88/87								.2	.2	1.7	2.9	1.8	.3	.5		.1	91	91																	
86/85							.2	.5	1.0	2.2	1.4	.6	.1	.2		.1	69	69																	
84/83					.2	.2	1.5	1.7	1.9	.6							58	58																	
82/81				.1	.1	.4	1.0	1.2	.9	.2							40	40																	
80/79						.4	.9	.8	.6	.3		.1					29	29																	
78/77						.1	.4	.6	.4	.2							17	17																	
76/75							.3	.2									5	5																	
74/73			.1		.3	.2											6	6	16																
72/71				.1	.1												3	3	66	1															
70/69					.2												2	2	159	1															
68/67																			224	4															
66/65																			212	7															
64/63																			142	19															
62/61																			70	37															
60/59																			25	117															
58/57																			10	121															
56/55																			6	136															
54/53																				123															
52/51																				113															
50/49																				66															
48/47																				54															
46/45																				25															
44/43																				20															
42/41																				22															
Element (X)	Z <sub>X</sub>	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2311, MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-73, 73-78  
YEARS

JUL  
MONTH

PAGE 2 1200-1400  
HOURS U.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.	Dew Point
40/ 39																				10
38/ 37																				7
36/ 35																				0
34/ 33																				3
32/ 31																				2
30/ 29																				1
28/ 27																				1
TOTAL		.1	.1	.9	1.5	3.1	4.6	7.4	.5	1.0	12.2	11.8	4.1	6.9	15.8			730		930


Element (X)	Σ x <sup>2</sup>	Σ x	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	919522	27802	29.9	9.754	930							
Dry Bulb	7680169	84311	90.7	6.293	930			93.0	92.5	88.4	40.2	93
Wet Bulb	4100382	65880	66.3	3.215	930			46.5	1.0			93
Dew Point	2711879	49887	53.6	0.212	930		.4	.6				93

USAF ETAC FORM 7-64 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR MAILER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119      MARCH APR CA/RIVERSIDE  
STATION      STATION NAME

7-76, 78-78  
YEARS

JUL  
MONTH

PAGE 1      1500-1700  
HOURS U.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 Pt													
106/105																		.2	2	2															
104/103																		.4	4	4															
102/101																		1.1	17	10															
100/ 99																	.3	.2	1.0	20	20														
98/ 97																.5	.0	.8	2.7	44	44														
96/ 95															.6	1.1	1.0	.9	1.7	57	57														
94/ 93												.1	.4	2.4	3.3	3.0	1.3	1.0	113	113															
92/ 91											.1	.1	.9	1.9	3.0	2.0	1.7	.0	.0	110	110														
90/ 89											.1	.4	1.9	4.4	4.7	2.2	.8	.4	.2	141	141														
88/ 87											.3	.6	4.0	3.2	2.4	1.1	.2	.2	113	113															
86/ 85												1.1	.7	2.2	2.0	.9	.1	.1	.1	92	92														
84/ 83												.2	2.0	2.0	2.7	1.2	.3	.1		90	90														
82/ 81									.3	1.0	2.7	2.0	.5	.1	.1				63	63															
80/ 79								.1	.1	1.1	1.1	.9	.2	.1					33	33															
78/ 77								.1	.3	.2	.6	.1							16	16															
76/ 75			.1			.1	.2		.2	.3	.1								17	10	1														
74/ 73			.1							.4	.1								6	6	6														
72/ 71		.1		.2					.1										4	4	4														
70/ 69																						131	3												
68/ 67																						204	2												
66/ 65																						228	5												
64/ 63																						144	23												
62/ 61																						79	52												
60/ 59																						28	122												
58/ 57																						7	120												
56/ 55																						1	157												
54/ 53																							144												
52/ 51																							97												
50/ 49																							66												
48/ 47																							39												
46/ 45																							35												
44/ 43																							20												
42/ 41																							22												
40/ 39																							15												
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 JUL 64 C-26 5 (OL A) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MARY

1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2311 MARCH AFB CA/RIVERSIDE 7-76, 73-76 JUL  
STATION STATION NAME YEARS MONTH  
PAGE 2 1500-1,00  
HOURS (L. S. T.)

JUL  
1500-1,00  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
38/ 37																						0		
36/ 35																						1		
34/ 33																						1		
TOTAL		.1	.2	.2	.3	.4	.9	3.4	9.6	1.0	2.5	3.4	4.4	1.2	8.7	4.5	0.2	930	930	930	30			

Element (X)	Σ X <sup>2</sup>	Σ X	X̄	S <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
	Mean No. of Hours with Temperature		Mean No. of Hours with Temperature			Mean No. of Hours with Temperature		Mean No. of Hours with Temperature				
Rel. Hum.	1041950	29796	32.0	9.695	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	7354861	82529	88.7	5.792	930			93.0	92.6	88.3	25.0	93
Wet Bulb	4072090	61478	66.1	2.946	930			44.3	1.0			93
Dew Point	2749834	50298	54.1	5.637	930			.5				93

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

3
2
5
23
52
122
120
157
144
97
66
39
35
20
22
15
Total

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE

7-70, 73-78

JUL

5°A° ON

STATION NAME

YEARS

MONTH

PAGE 1

1600-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	1	1		
96/ 95																	.2	.1	3	3	
94/ 93																	.4	.4	6	6	
92/ 91														.1	.2	.3	.1	.2	9	9	
90/ 89														.1	.2	.5	.3	.3	.4	18	18
88/ 87										.1	.3	.8	1.1	1.6	.4	.3	.1	.2	46	46	
86/ 85										.3	.4	2.3	1.2	1.1	.4	.3			56	56	
84/ 83										.4	1.0	.7	1.9	1.7	.5	.3	.2		82	82	
82/ 81										.3	1.8	3.3	1.9	2.4	1.2	.5			107	107	
80/ 79								.1	2.0	3.1	3.3	2.6	1.2	.4	.1			120	120		
78/ 77				.1				.4	1.8	4.7	3.4	1.5	1.3	.1				125	125		
76/ 75			.3		.6			1.8	4.4	2.3	1.6	.2						105	105		
74/ 73					1.2			3.0	2.9	2.7	.2	.3	.1					98	98		
72/ 71				.3	1.2			2.4	1.6	.5	.2							58	58	7	
70/ 69			.3	.1	2.7			1.6	1.1									54	54	27	3
68/ 67			.1	.5	1.2			.5	.2									24	24	60	1
66/ 65				.5	.6			.3										14	14	216	1
64/ 63				.1	.1			.1										3	3	233	20
62/ 61				.1														1	1	168	44
60/ 59																				125	92
58/ 57																				44	140
56/ 55																				15	163
54/ 53																					136
52/ 51																					114
50/ 49																					81
48/ 47																					45
46/ 45																					31
44/ 43																					25
42/ 41																					10
40/ 39																					11
38/ 37																					2
34/ 33																					2
TOTAL			.8	1.8	7.6	10.3	14.4	15.6	13.7	10.1	9.9	5.9	4.5	1.7	1.7	.9	1.1	930	930	930	930
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.	2014299	41649	44.8	2.668	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	5734827	72821	78.3	5.941	930			91.2	77.6	39.0	1.0	93									
Wet Bulb	3721476	58764	63.2	2.998	930			10.9				93									
Dew Point	2735634	50200	54.0	5.281	930			.4				93									

USAFETAC FCIM 11 JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
USAF FTAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE 7-76, 73-76 JUL  
STATION NO. 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
84/ 83																			1	1		
82/ 81									.1			.4							5	5		
80/ 79							.2		.3	.3	.5	.2	.2						17	17		
78/ 77						.1	.4	2.0	1.0	.4	.4	.3							44	44		
76/ 75					.3	.9	2.4	2.7	1.4	1.3	.3								86	80		
74/ 73		.1	.1		1.0	3.4	2.6	3.0	1.0	.5	.1								110	110		
72/ 71		.1		1.0	3.3	4.2	3.4	1.0	.1	.4									134	134	1	
70/ 69			.8	2.0	5.5	4.2	2.2	1.0	.2	.2									149	149	2	3
68/ 67			1.0	4.3	6.2	1.9	.6	.4		.1									136	136	8	
66/ 65			1.3	5.0	3.1	1.1	.2												105	105	50	1
64/ 63		.4	1.6	3.4	1.0	.5	.1												66	65	142	13
62/ 61		.3	1.3	2.0	.8	.1	.1												48	48	238	44
60/ 59			1.3	1.0															21	21	245	79
58/ 57			.6	.2															8	8	130	155
56/ 55																					01	190
54/ 53																					37	155
52/ 51																					3	99
50/ 49																					2	75
48/ 47																						60
46/ 45																						18
44/ 43																						18
42/ 41																						3
40/ 39																						12
38/ 37																						2
36/ 35																						2
34/ 33																						1
TOTAL		1.0	8.5	19.0	21.2	16.5	12.3	1.0	4.1	.3	1.9	.5	.2						930	930	930	430
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3453894	55298	59.5	3.362	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total										
Dry Bulb	4516808	64658	69.5	4.803	930			68.2	26.3	1.5		93										
Wet Bulb	3391975	56095	60.3	3.022	930			1.1				93										
Dew Point	2739908	50282	54.1	4.791	930			.3				93										

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



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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LEATHER SERVICE/PLC

PSYCHROMETRIC SUMMARY

23111      MARCH AFB CA/RIVERSIDE      7-7, 73-78      JUL  
STATION      STATION NAME      YEARS      MONTH

PAGE 2      ALL

NO. OF      U.S.

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				
40/ 39																																	07		
38/ 37																																	42		
36/ 35																																	21		
34/ 33																																	14		
32/ 31																																	2		
30/ 29																																	1		
28/ 27																																	2		
TOTAL	4.1	7.4	10.3	9.7	8.0	7.5	7.0	6.0	5.8	5.0	5.5	5.0	4.0	3.9	1.9	4.2																7440			
																																	7440		

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel Hum.	22103666	376344	50.62	20.304	7440							
Dry Bulb	43773924	563762	75.81	1.910	7440			545.0	403.8	289.8	76.2	744
Wet Bulb	28604643	459981	61.8	4.726	7440			127.5	3.0			744
Dew Point	21545433	398381	53.5	5.361	7440			0.5	3.3			744

USAF ETAC FORM NO. 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

23117 MARCH PER CA/RIVERSIDE 7-7, 73-75  
STATION NAME YEARS  
PAGE 1 0000-0600  
HOURS - 0 - 6

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.	Drv Bulb	Wet Bulb	Dew Point				
86/ 85															.3													3	3						
82/ 81												.2																2	2						
80/ 79							.1		.1																		2	2							
78/ 77							.4	.4	.3					.1					.1								13	13							
76/ 75					.3	.4	.3	.4	.1	.4	.1																24	24							
74/ 73			.2	.6	1.1	.5	.4	.3	.4					.1													42	40							
72/ 71			.4	1.7	1.2	.9	1.5	1.1	.2																		64	64							
70/ 69		.1	.3	1.0	2.4	2.3	1.8	1.1	.2							.2											95	95	1	1					
68/ 67		.2	2.8	3.0	3.1	2.4	1.2	.7		.1																	127	127	27	5					
66/ 65		.9	3.4	2.8	1.8	1.9	.4	.2	.5					.1													131	131	41	18					
64/ 63		2.4	4.3	2.9	2.4	.9	.4	.5	.1	.1																	137	130	41	30					
62/ 61		1.5	3.3	3.3	1.2	.9	.2	.1	.2																		100	100	133	73					
60/ 59		1.1	4.2	3.1	1.2	.4	.2	.1																			105	105	145	97					
58/ 57		2.2	3.5	.3	.9	.1	.1	.1																			71	71	143	101					
56/ 55	.1	.4	.6	.5	.4																						18	18	174	109					
54/ 53		.1	.1	.1																							2	2	67	38					
52/ 51		.1	.1																								2	2	36	115					
50/ 49			.1																								1	1	26	80					
48/ 47																														11	48				
46/ 45																													5	43					
44/ 43																															23				
42/ 41																															17				
40/ 39																															7				
38/ 37																															7				
36/ 35																															7				
34/ 33																															3				
32/ 31																															3				
30/ 29																															1				
28/ 27																															1				
26/ 25																															2				
24/ 23																															1				
TOTAL	.1	8.9	26.5	19.9	16.1	12.2	7.1	5.7	1.8	1.1	.3	.2	.1															930	930	930	930				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel Hum.	4495831	63163	67.91	4.926	930	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb	3982997	60663	65.2	5.291	930			37.0	8.4	.5		93																							
Wet Bulb	3204468	54432	58.5	4.476	930			3.7				93																							
Dew Point	2719513	49923	53.7	6.530	930		.8	.6				93																							

USAFETAC FORM 026-5 (OL A) REPRODUCED BY COURTESY OF THE AFMRL AIR WEATHER SERVICE

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DATA PROCESSING BRANCH  
 USAF ATAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 MARCH APR CA/RIVERSIDE 7-7, 73-78  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 3300-0500  
 HOURS - S.

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																																				3	3					
82/ 81														.1																						1	1					
80/ 79														.2																						2	2					
78/ 77														.3	.1	.1																				5	5					
75/ 75														.4	.3																					7	7					
74/ 73														.2	.2	.4	.2	.1																		10	12					
72/ 71														.3	1.2	.2	.5	.5																		35	35					
70/ 69														.3	1.1	1.0	.8	1.0	1.4	.3	.3	.1													60	60						
68/ 67														.3	2.3	2.5	2.2	1.4	1.3	.3																95	95	24	4			
67/ 65														.4	2.0	1.8	2.4	2.2	.6	.1																92	92	30	10			
64/ 63														.4	1.1	5.1	2.5	1.7	.5	.6	.4	.1	.1												141	141	57	32				
62/ 61														.2	4.3	3.2	2.5	1.2	1.1	.2	.2	.3														124	124	110	50			
60/ 59														.1	2.7	4.0	2.7	1.9	.5	.2	.1															120	120	132	78			
58/ 57														.1	4.1	4.4	1.4	1.4	.4	.1	.2															113	113	145	112			
56/ 55														.2	2.5	3.2	1.1	1.3	.1	.1																80	80	131	97			
54/ 53														.1	1.1	.9	.3	.1	.1	.1																24	24	119	117			
52/ 51															.2	.5	.1																			8	8	72	117			
50/ 49															.2																					2	2	37	97			
48/ 47																																							25	57		
46/ 45																																						10	54			
44/ 43																																						5	29			
42/ 41																																								22		
40/ 39																																								12		
38/ 37																																								8		
36/ 35																																								5		
34/ 33																																								4		
32/ 31																																								2		
30/ 29																																								6		
28/ 27																																								2		
TOTAL																																							930	930	930	
Element (X):	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																														
Re. Hum.	5035405	67009	72.1	4.935	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																														
Dry Bulb	3677742	58272	62.7	5.344	930			22.6	3.0	.5		93																														
Wet Bulb	3059082	53150	57.2	4.814	930			2.9				93																														
Dew Point	2649953	49259	53.0	6.633	930		1.0	.4				93																														

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 4. WPCB AFB CA/RIVERSIDE  
STATION NAME

7-7, 73-75  
YEARS

AUG  
MONTH

PAGE 1 0500-0100  
HOURS

Temp F	NET 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																																			4	4			
86/ 85																																			5	6			
84/ 83																																			15	16			
82/ 81																																			14	16			
80/ 79																																			24	26			
78/ 77																																			42	42			
76/ 75																																			55	55			
74/ 73																																			67	62			
72/ 71																																			71	71	5		
70/ 69																																			79	79	17		
68/ 67																																			90	90	47	7	
66/ 65																																			62	62	75	24	
64/ 63																																			96	96	96	41	
62/ 61																																			96	96	143	76	
60/ 59																																			82	82	135	100	
58/ 57																																			52	52	144	107	
56/ 55																																			35	35	119	123	
54/ 53																																			17	17	69	106	
52/ 51																																			7	2	35	80	
50/ 49																																			1	1	28	71	
48/ 47																																						10	57
46/ 45																																					4	43	
44/ 43																																							33
42/ 41																																						1	19
40/ 39																																						12	
38/ 37																																						7	
36/ 35																																						3	
34/ 33																																						1	
32/ 31																																						3	
30/ 29																																						2	
28/ 27																																						7	
TOTAL	1.4	13.5	16.7	15.6	14.3	11.6	8.2	6.0	5.1	4.0	2.3	.8	.6	.4																					930	930	930		
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.	4287418	60790	65.4	18.380	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93																											
Dry Bulb	4240951	62423	67.1	7.411	930			46.7	22.7	5.8		93																											
Wet Bulb	3294205	55159	59.3	4.941	930			7.0				93																											
Dew Point	2747650	50154	53.9	6.795	930			1.0	.7			93																											

USAF ETAC FORM 0 26-5 (OL A) 100 64 REPORT PREPARED THROUGH USE OF AUTOMATIC EQUIPMENT

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/VAC

# PSYCHROMETRIC SUMMARY

23119 MARCH 1981 CA/RIVERSIDE  
STATION STATION NAME

7-7, 73-76  
YEARS

AUG  
MONTH

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

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL Wet Bulb Dew Point										
	0	.2	3-4	5-6	7-8	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																									
106/105																													.1	1	1													
104/103																														.6	6	6												
102/101																														.5	5	5												
100/99															.1	.1	.1												.6	10	10													
98/97															.2	.1	.4	.6	1.2										.6	24	24													
96/95															.1	.2	.4	.4	.3	.3	.6								.6	23	23													
94/93															.1	.2	.4	.3	.6	.9	.2	1.2							.6	37	37													
92/91															.2	.6	1.5	.9	.5	1.1	.8	1.5							.6	67	67													
90/89															.2	1.0	1.0	1.3	1.2	1.1	.6	.4	.9						.6	71	71													
88/87															.9	.9	1.9	.8	1.1	1.0	.8	.6	.9						.6	73	73													
86/85															.6	1.1	1.4	1.4	1.2	.8	1.0	.9	.3	.3					.6	97	92													
84/83									.1	.3	1.1	1.7	1.7	1.1	.9	.8	.8	.3	.5										.6	86	86													
82/81							.2	.8	1.1	1.4	1.7	1.1	.5	1.0	.4	.4	.2												.6	83	83													
80/79						.2	.2	1.1	1.9	1.3	.8	.4	1.1	.5		.1													.6	71	71													
78/77					.3	1.0	.5	1.5	1.0	.1	.2	.3	.2	.3															.6	51	51													
76/75					.2	.8	1.7	.9	.6	.5	.6																		.6	53	53	4												
74/73				.3	.4	1.5	1.6	.5	.1	.1	.1	.1	.1																.6	46	46	16												
72/71		.1	.1	.3	.6	1.4	.6	.5																					.6	35	35	57												
70/69		.1	.1	.5	.9	.6	.5	.3																					.6	29	29	90	1											
68/67		.1	.3	.3	.6	.6	.2	.1																					.6	23	23	126	13											
66/65			.3	1.2	.3	.5																							.6	22	22	148	37											
64/63		.1	.3	.3	.8	.2																							.6	16	16	133	62											
62/61			.3	.1																									.6	4	4	117	59											
60/59			.1																										.6	2	2	93	85											
58/57																																73	107											
56/55																																52	111											
54/53																																11	83											
52/51																																5	71											
50/49																																		64										
48/47																																		31										
46/45																																		44										
44/43																																		31										
42/41																																		29										
40/39																																		30										
Element (X)	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <sub>X</sub>	Z <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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR LEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 7-70, 73-70 206  
STATION STATION NAME YEARS ZONE

PAGE 2 0900-1100  
HOURS U.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			
38/ 37																															15		
36/ 35																															21		
34/ 33																															12		
32/ 31																															10		
30/ 29																															10		
28/ 27																															3		
TOTAL	.4	1.0	3.1	4.7	7.4	7.4	6.0	8.3	5.5	5.9	4.4	7.5	6.5	5.9	5.4	2.4												930	930	30			

USAFETAC FORM 7 JUL 64 0-26-5 (O.L.A.) REVISED PRINTING (P.O.) - 45 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	
						≤ 9 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1694351	36639	39.41	6.435	93							
Dry Bulb	6407769	76767	82.5	8.744	93			88.6	79.9	61.2	10.6	93
Wet Bulb	2815633	59399	63.9	4.847	93			29.3	2.0			93
Dew Point	2675557	49231	52.9	8.645	930		2.3	1.4				93

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/VAC

# PSYCHROMETRIC SUMMARY

24112 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

7-70, 73-78  
YEARS

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														
10/109																	.1	1	1																
08/107																	.4	4	4																
06/105																	1.9	18	18																
04/103															.2	.2	1.3	15	16																
02/101													.4	.2	.3	1.9	27	27																	
00/99												.6	.9	.4	.6	2.6	49	49																	
98/97												.2	.9	.6	1.1	1.1	2.3	57	57																
96/95											.1	.4	1.7	1.1	1.6	1.7	2.6	90	90																
94/93											.4	1.8	2.6	2.6	2.3	.9	1.1	2.9	118	118															
92/91											.4	1.8	2.6	2.4	2.2	1.9	.6	1.5	125	125															
90/89											.9	2.0	2.3	1.5	1.8	1.0	1.0	.6	104	104															
88/87									.6	1.0	1.5	1.5	.8	.6	1.1	.4	.8	77	77																
86/85									.3	1.3	1.4	1.1	.5	.4	.3	.1	.1	52	52																
84/83						.1		.5	.9	1.5	1.0	.8	.1	.1	.1	.1		48	48																
82/81						.1	.1	.5	.6	1.1	.6	.1	.1					31	31																
80/79					.1	.1	.6	.9	1.0	.2	.1							34	34																
78/77					.3	.1	.2	1.0	1.2	.3	.1	.1						31	31	1															
76/75			.1	.2		.3	.6	.8	.1									20	20	18															
74/73						.2	.2	.6	.4									14	14	59															
72/71						.1	.3	.1										5	5	100															
70/69		.2	.1		.1	.3												7	7	134	2														
68/67		.1				.1												2	2	174	12														
66/65																				143	42														
64/63																				119	55														
62/61																				85	86														
60/59																				69	74														
58/57																				23	101														
56/55																				13	108														
54/53																				2	96														
52/51																					69														
50/49																					74														
48/47																					46														
46/45																					34														
44/43																					31														
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																													
Ref. Hum.						≤ 0 F	≤ 32 °	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 64 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

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 7-7, 73-78 YEARS AUG MONTH

PAGE 2 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
42/ 41																					32
40/ 39																					20
38/ 37																					14
36/ 35																					12
34/ 33																					8
32/ 31																					6
30/ 29																					7
28/ 27																					1
TOTAL		.3	.1	.1	.6	1.2	1.8	4.3	6.5	6.8	7.1	1.6	1.2	0.4	9.0	7.4	9.4	930	930	930	930
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1008123	28611	30.8	1.734	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	7640037	84003	90.3	7.519	930			93.0	91.6	83.9	38.0	93									
Wet Bulb	4105813	61657	66.3	4.412	930			47.6	6.8			93									
Dew Point	2736960	49904	53.7	7.976	930			1.4	1.4			93									

USAFETAC FORM 701 64 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23110 MARCH APR CA/RIVERSIDE  
STATION STATION NAME

7-70, 73-76  
YEARS

AUG  
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																	.1	1	1																
106/105																	.1 .4	5	5																
104/103																	.9	6	6																
102/101														.3	.3	.2	1.2	19	19																
100/ 99													.1	.6	.1	.1	1.6	24	24																
98/ 97												.1	.8	.3	1.0	.8	2.0	46	46																
96/ 95											.3	.3	.4	.6	1.1	.0	2.2	52	52																
94/ 93											.4	.9	1.4	1.6	1.0	1.6	1.1	80	80																
92/ 91										.6	1.0	2.6	1.9	2.4	1.8	.8	.8	110	110																
90/ 89								.1	1.0	2.9	2.9	2.8	2.6	1.3	.2	.6	134	134																	
88/ 87							.2	1.0	1.7	1.9	2.7	1.1	1.7	.9	.2	.4	110	110																	
86/ 85						.1	.2	.9	2.3	3.6	1.2	1.2	.3	.2	.2	.1	96	96																	
84/ 83					.1	.1	.5	1.3	2.5	1.5	1.0	.4					69	69																	
82/ 81					.2	.6	.3	2.0	1.3	.5	.6	.1					54	54																	
80/ 79					.1	.4	.2	1.3	.4	.5							35	35																	
78/ 77					.1	.3	.6	1.6	1.1	.2							37	37																	
76/ 75		.1	.1		.2	.2	.0	.3									15	15	13																
74/ 73		.2	.1		.1	.1	1.1	.1	.2								18	18	42																
72/ 71						.4											4	4	79	4															
70/ 69						.2	.3										5	5	126	1															
68/ 67		.3				.1											4	4	154	22															
66/ 65																			198	30															
64/ 63																			152	48															
62/ 61																			96	73															
60/ 59																			43	78															
58/ 57																			19	116															
56/ 55																			5	112															
54/ 53																			1	122															
52/ 51																				74															
50/ 49																				65															
48/ 47																				60															
46/ 45																				42															
44/ 43																				27															
42/ 41																				15															
Element (X)	Σx²	Σx	̄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 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

23113      MARCH APR CA/RIVERSIDE      7-78, 73-78      AUG  
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														
98/ 97																	.1	1	1																
96/ 95																	.2	2	2																
94/ 93										.1	.1	.2				.1	.1	.4	8	8															
92/ 91										.1	.1	.2	.2			.2	.2	.3	13	13															
90/ 89										.1	.3	.2	.2	.4		.5			17	17															
88/ 87								.1	.5	.1	.9	.2	.3	.8	.3	.1	.1		32	32															
86/ 85								.3	.6	.2	.5	1.1	.4	.2	.3	.1			46	46															
84/ 83								.4	1.2	1.0	1.0	1.9	.9	.5	.3	.5	.1	.1	72	72															
82/ 81						.3	1.0	1.0	2.3	2.0	1.9	.8	.6	.2		.1			101	101															
80/ 79					.1	.8	1.6	1.7	2.2	1.5	1.4	.8	.1	.3		.1			97	97															
78/ 77				.1	.2	2.0	1.9	3.1	3.2	1.5	1.2	.3	.1	.2					130	130															
76/ 75		.2	.1	.2	.8	1.5	2.7	2.7	1.3	.8	.3	.1							97	97															
74/ 73				.1	2.0	2.7	3.1	1.9	.8	.4	.4								107	107	2														
72/ 71		.2	.5	.8	.8	2.5	1.8	.8	.4	.2									72	72	1														
70/ 69			.2	.5	2.3	1.8	.8	.2	.1	.1									56	56	2														
68/ 67		.1	.1	.3	2.4	.9	.3												36	36	10														
66/ 65		.2	.3	1.0	.8	.3													24	24	27														
64/ 63				.8	.5	.1													11	11	45														
62/ 61			.1	.2															3	3	82														
60/ 59				.1															1	1	73														
58/ 57			.1																1	1	104														
56/ 55																					29														
54/ 53																					15														
52/ 51																					2														
50/ 49																					57														
48/ 47																					46														
46/ 45																					34														
44/ 43																					24														
42/ 41																					20														
40/ 39																					12														
38/ 37																					6														
36/ 35																					11														
34/ 33																					3														
32/ 31																					5														
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 °	≥ 93 F																								
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/VAC

PSYCHROMETRIC SUMMARY

23117 MARCH AFB CA/RIVERSIDE 7-7, 73-76  
 STATION NO. STATION NAME YEARS MONTH  
 PAGE 1 2100-2500  
 HOURS U.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																			
	0	1-2	3-4	5-6	7-8	9-12	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																															
88/ 87										.1																									2	2																	
84/ 83																		.1	.1	.1																																	
82/ 81						.1	.2	.3	.2	.2										.1	.1															12	12																
80/ 79						.3	.8	.5	.5	.4	.5									.5	.1	.2															33	33															
78/ 77						.5	.5	.4	.5	.6										.2		.2																36	36														
76/ 75			.1	.1	1.4	1.3	1.0	1.6	1.4	1.0	.3	.2	.2											.2														60	30														
74/ 73		.1	.1	.9	1.6	1.0	2.8	2.1	.9	.4											.2																		99	99													
72/ 71		.1	.4	1.9	2.8	2.6	2.7	1.1	.6	.2	.2											.2																		118	118	6	1										
70/ 69			1.4	3.2	3.3	2.9	2.4	.5	.6	.3	.1	.2																													140	140	21	2									
68/ 67			2.3	3.2	3.5	2.1	.2	.8		.1																																112	112	41	5								
66/ 65	.4	1.9	3.6	3.1	1.5	.4	.2	.2	.1																																	107	107	61	23								
64/ 63	.4	2.2	5.1	1.0	.8	.1	.1	.1																																		96	96	135	42								
62/ 61	.3	2.3	1.8	.4	.3		.1																																			49	49	109	75								
60/ 59	.1	1.6	1.1																																							26	26	172	95								
58/ 57			.6	.2																																						9	9	145	112								
56/ 55		.1	.1																																							2	2	67	130								
54/ 53	.1																																										1	1	30	141							
52/ 51	.1																																										1	1	18	103							
50/ 49																																															6	54					
48/ 47																																															4	60					
46/ 45																																																			24		
44/ 43																																																			22		
42/ 41																																																			10		
40/ 39																																																			5		
38/ 37																																																		7			
36/ 35																																																			6		
34/ 33																																																				5	
32/ 31																																																				2	
30/ 29																																																				4	
28/ 27																																																				1	
26/ 25																																																				1	
TOTAL			1.8	3.2	1.2	18.4	14.1	11.1	1.1	7.9	5.3	3.6	1.3	1.2	.6	.2	.1																																926	926		926	

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 HARCH AFB CA/RIVERSIDE

7-75, 75-78

YEARS

300 MONTHS

PAGE 1

ALL

HOURS U.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						
10/109																										1		1							
08/107																										5		5							
06/105																							.0	.3		24		24							
04/103																							.0	.3		30		30							
02/101																						.1	.1	.1	.5		51		51						
00/99																					.1	.2	.1	.1	.0		83		83						
98/97															.0	.2	.1	.3	.3	.7						128		128							
96/95														.1	.1	.3	.3	.4	.3	.7						167		167							
94/93													.0	.1	.5	.5	.6	.4	.4	.7						243		243							
92/91												.2	.5	.9	.7	.6	.0	.3	.5							315		315							
90/89										.0	.4	.6	.8	.7	.7	.4	.3	.3								326		326							
88/87									.0	.4	.5	.0	.0	.4	.0	.4	.1	.2								298		298							
86/85							.0	.1	.4	1.0	.9	.0	.4	.3	.2	.1	.1									297		297							
84/83							.0	.2	.5	.6	.9	.3	.4	.2	.2	.1	.1									297		297							
82/81					.0	.1	.4	.8	.9	.8	.0	.3	.2	.1	.1	.0										300		300							
80/79					.1	.3	.6	.0	.9	.5	.4	.3	.1	.1	.0											300		300							
78/77			.0	.2	.7	1.1	1.0	.5	.2	.1	.1	.1														345		345							
76/75	.0	.0	.1	.0	.7	.9	.9	.7	.4	.2	.1	.0														351		351							
74/73	.0	.1	.4	.9	1.1	1.2	.9	.4	.2	.1	.0	.0														398		398					2		
72/71	.1	.2	.8	.8	1.3	1.2	.6	.3	.1	.1																404		404					6		
70/69	.1	.0	1.1	1.4	1.4	1.0	.4	.2	.1	.0	.1															477		477					9		
68/67	.2	1.2	1.4	1.7	1.1	.5	.4	.0	.0	.0																489		489					78		
66/65	.3	1.0	1.5	1.4	1.0	.2	.1	.1	.0	.0																458		458					211		
64/63	1.2	1.6	1.7	1.1	.4	.2	.1	.1	.0																	490		490					355		
62/61	.1	1.1	1.6	1.2	.5	.4	.1	.1	.1																	376		376					591		
60/59	.1	.8	1.6	1.2	.5	.2	.1	.0																		335		335					680		
58/57	.0	1.1	1.3	.4	.3	.1	.0	.0																		246		246					560		
56/55	.1	.6	.6	.3	.2	.0	.0																			135		135					924		
54/53	.0	.2	.2	.1	.0	.0																				45		45					938		
52/51	.0	.0	.1	.0																						13		13					727		
50/49		.1																								4		4					572		
48/47																																		391	
46/45																																		318	
44/43																																		220	
Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	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 01 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF LTAC  
 AIR WEATHER SERVICE/MAAC

# PSYCHROMETRIC SUMMARY

23117 STATION MARCH AFR CA/RIVERSIDE STATION NAME

7-7,73-78 YEARS

MONT<sup>H</sup>

PAGE 4

ALL HOURS ILL. S. T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/ 41																										1	164								
40/ 39																											100								
38/ 37																											77								
36/ 35																											71								
34/ 33																											41								
32/ 31																											30								
30/ 29																											32								
28/ 27																											14								
26/ 25																											5								
24/ 23																											1								
TOTAL	5.8	10.9	10.3	9.8	8.7	7.3	6.8	6.0	5.5	5.5	4.9	4.1	3.8	3.1	2.1	1.1											7431	7431	7431	7431					
																		7431	7431	7431	7431														

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/WAC

# PSYCHROMETRIC SUMMARY

23112 MARCH AFB CA/RIVERSIDE

4-7, 73-77

SEP

PAGE 1 UG00-0200

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															
80/ 79						.1											1	1																	
78/ 77					.2		.1						.2				5	5																	
76/ 75			.2		.1	.1	.1							.1			7	7																	
74/ 73		.1			.1	.8	.2	.1	.1			.1	.1				20	20																	
72/ 71			.1	.2	.7	.3	.5	.2	.2	.1	.1	.1		.1			27	27																	
70/ 69		.4	.2	.8	1.0	.6	1.1	1.0	.6	.3		.3					57	57	4																
68/ 67		.6	.3	.4	1.0	.8	1.3	1	.1	.1	.2						63	63	10	7															
66/ 65	.6	1.7	1.2	1.7	1.0	.7	.9	.1	.3	.3		.1					82	82	16	14															
64/ 63	.6	2.4	2.7	2.2	1.6		.3	.3	.4	.2		.1					99	99	42	22															
62/ 61	.2	5.7	4.2	2.4	1.6		.1	.6	.4	.1		.1					146	146	74	35															
60/ 59	.3	4.9	5.4	2.0	1.0		.7		.1		.2	.1					145	145	126	55															
58/ 57	.4	3.7	5.7	.3	.4	4	.1	.3		.2	.1						106	106	167	92															
56/ 55		3.4	3.4	.8	.1	.2		.1	.1								74	74	143	125															
54/ 53		1.2	2.4	.4	.2	.2		.1	.1								43	43	130	120															
52/ 51		.6	1.1	.1	.2			.1	.1								20	20	65	98															
50/ 49		.1		.3													4	4	47	84															
48/ 47			.1														1	1	38	63															
46/ 45																			14	44															
44/ 43																			10	31															
42/ 41																			5	18															
40/ 39																			5	10															
38/ 37																			4	14															
36/ 35																				13															
34/ 33																				10															
32/ 31																				5															
30/ 29																				8															
28/ 27																				7															
26/ 25																				7															
24/ 23																				1															
22/ 21																				2															
20/ 19																				4															
18/ 17																				1															
16/ 15																				4															
12/ 11																				3															
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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 STATION MARCH APR CA/RIVERSIDE STATION NAME 66-7,73-77 YEARS PAGE 2 0000-0200 HOURS U.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F.)																															TOTAL		TOTAL Wet Bulb Dew Point	
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb													
10/ 9																																			2
9/ 7																																		1	
TOTAL	2.1	24.7	78.4	11.9	8.6	5.7	5.8	5.2	3.2	.8	.9	.9	.2	.3	.2																		900	900	900

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 89 F$	$\leq 93 F$	
Rel. Hum.	4899659	63917	71.02	0.021	900							
Dry Bulb	3469129	55665	61.9	5.403	900			18.0	3.3	.1		90
Wet Bulb	2839876	50346	55.9	5.115	900			1.4				90
Dew Point	2415613	45893	51.0	9.160	900	4.5	.7					90

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISED METERS INDICATED ON THIS FORM ARE OBSOLETE

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LATA PROCESSING TRACON  
USAF ETAC  
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

3119 MARCH 1967 CA/RIVERSIDE 6-7, 73-77 SEP  
PAGE 1 0300-0000

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. Diff.	Wet Bulb Dep. Per				
80/ 79										.1																										2		
78/ 77										.2																										4		
76/ 75									.1						.2																				3			
74/ 73			.1	.1																					.1										4			
72/ 71							.1	.1	.1	.1	.1												.1			.1								10	3			
70/ 69		.1					.7	.6	.7	.7													.1	.1										27	27	1	3	
68/ 67		.4	.1	1.1	.6	.3	.9	1.0	.3	.1													.1											45	45	7	3	
66/ 65	.7	.8	1.2	1.1	.4	.9	1.0	.2	.3	.2													.1											65	65	10	11	
64/ 63	.7	1.4	2.9	1.9	1.3	.9	.3	.2	.2	.2														.1										50	50	25	16	
62/ 61	1.0	3.9	2.9	2.0	1.2	1.0	.2	.2	.3	.1														.1										122	122	59	30	
60/ 59	.3	7.7	3.3	3.3	.9	.3	.6	.7	.2																									167	150	91	57	
58/ 57	.0	5.9	2.3	1.0	.0	.0	.0	.0																										111	111	142	72	
56/ 55		4.6	3.1	1.0	.0	.0	.3	.2	.1																									93	93	136	120	
54/ 53	.7	3.0	4.3	.4	.1	.1	.1	.1																										79	79	125	117	
52/ 51		3.1	1.4	.2	.2	.1	.1	.2																										49	49	84	87	
50/ 49		.0	.7		.3	.3																												19	19	30	80	
48/ 47		.6	.1	.2	.2	.1																												11	11	47	64	
46/ 45		.1	.1	.2		.1																												5	5	24	64	
44/ 43			.1																															1	1	15	26	
42/ 41																																					10	28
40/ 39																																				0	0	
36/ 37																																				7	10	
36/ 35																																				1	11	
34/ 33																																				1	16	
32/ 31																																					9	
30/ 29																																					12	
28/ 27																																					0	
26/ 25																																					4	
24/ 23																																					2	
22/ 21																																					2	
20/ 19																																					3	
18/ 17																																					2	
16/ 15																																					2	
12/ 11																																					1	
Elements (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mo. No. of Hours with Temperature																																
Ref. Num.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0 26-5 (01 A) REVISION 10-65 USE PREVIOUS EDITIONS

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE

66-70, 73-77

SEP

PAGE 2 0300-0500

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																
10/ 9																																			4		
8/ 7																																			1		
<b>TOTAL</b>	<b>4.6</b>	<b>32.2</b>	<b>3.1</b>	<b>3.7</b>	<b>7.3</b>	<b>6.0</b>	<b>4.8</b>	<b>4.7</b>	<b>1.7</b>	<b>.7</b>	<b>.2</b>	<b>.3</b>	<b>.0</b>	<b>.1</b>	<b>.1</b>																			<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5305127	66845	74.3	9.459	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	3225467	53649	59.6	5.526	900			9.5	1.3			90
Wet Bulb	2710899	49141	54.6	5.555	900			1.1				90
Dew Point	2351276	45254	50.3	9.183	900		5.0	.6				90

USAFETAC FORM 7 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-75, 73-77

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0600

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89																	.1	1	1																
86/ 85										.1	.2							3	3																
84/ 83							.1										.1	2	2																
82/ 81								.1		.2		.2						6	6																
80/ 79					.2		.1	.3	.3	.8	.2				.2	.1	.2	23	23																
78/ 77				.1			.1	.4	.6	.2	.1	.1	.1	.1	.1			19	18																
76/ 75			.1			.2	.3	.4	.3	.3	.1		.2	.1	.2			22	22																
74/ 73	.1				.2	.7	.9	.9	.3	.3		.2	.2	.1	.2			36	36																
72/ 71		.1	.2	.4	1.1	.3	1.1	.3	1.1	.3	.1	.2	.4	.1	.1			42	42	6	1														
70/ 69	.3	.1	.7	1.1	.4	1.0	.3	.1	.4	.3			.1					45	45	2	2														
68/ 67		.4	.2	1.1	.9	.6	.2	.7	.3		.1							43	43	5	5														
66/ 65	.6	.9	1.3	1.7	.9	1.3	.7	.2	.3	.1								72	72	28	14														
64/ 63	.7	1.6	2.8	2.3	.9	.9	.3	.2	.3	.2								92	92	56	11														
62/ 61	1.0	4.1	3.0	2.3	.7	.4	.3	.4	.2									113	113	96	35														
60/ 59	.8	5.3	3.2	2.9	.7	.2	.1	.3	.1	.1								123	123	128	77														
58/ 57	.4	5.7	1.2	1.3	.3	.2	.1	.2	.1									87	87	151	101														
56/ 55	.4	4.9	1.7	.9	.4	.4	.1		.1	.1	.1							83	83	127	117														
54/ 53	.3	2.4	1.4	.3	.1	.2												44	44	106	116														
52/ 51	.1	1.1	.6		.3	.1	.1	.2										23	23	71	94														
50/ 49	.1	.6	.8			.1												14	14	48	78														
48/ 47		.2	.1		.1													4	4	33	59														
46/ 45		.1	.2	.1														4	4	20	51														
44/ 43																				8	22														
42/ 41																				6	17														
40/ 39																				3	15														
38/ 37																				5	9														
36/ 35																					13														
34/ 33																					10														
32/ 31																					13														
30/ 29																					9														
28/ 27																					9														
26/ 25																					5														
24/ 23																					2														
22/ 21																					7														
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																																			

REVID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A) JUL 64

USAFETAC

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

SLP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0600  
HOURS LT. S. T. 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
20/ 19																																					5
14/ 13																																					2
8/ 7																																				1	
TOTAL	4.4	27.8	16.9	13.9	7.3	7.1	5.0	6.0	3.0	2.1	1.4	1.0	.8	.4	.0	.2	.2	900	900																	900	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4823563	62803	69.8	22.151	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3612527	56627	62.9	7.429	900			24.1	11.1	2.7		90
Wet Bulb	2880423	50681	56.3	5.426	900			1.4				90
Dew Point	2424091	45993	51.1	9.054	900		5.3	.8				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

23114 MARCH AFB CA/RIVERSIDE

66-70, 73-77

SEP

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														
100/ 99																	.4	4	4																
98/ 97																	.4	5	6																
96/ 95													.2	.3	.3	1.3	20	20																	
94/ 93												.1	.2	.3	.2	1.3	24	24																	
92/ 91									.2		.6	.7	.9	1.1	.2	1.3	45	45																	
90/ 89										.6	.2	.7	.8	.4	.3	1.3	37	37																	
88/ 87									.1	.8	1.4	1.1	1.0	1.3	.2	.4	.9	66	66																
86/ 85								.2	.2	1.1	.7	1.1	.7	.7	.6	.3	.7	56	56																
84/ 83						.1	.2			1.0	.6	.9	.6	.4	.4	.2	.3	47	47																
82/ 81					.1		.1	.8	1.6	.7	.9	.8	.4	.1	.7	.6	.8	63	63																
80/ 79				.1	.2	.1	.2	1.0	.8	1.0	.8	.8	.3	.3	.2	.2		51	51																
78/ 77			.1	.1	.2	.4	1.0	1.3	.3	.7	.4	.4	.1	.2	.3	.1		53	53																
76/ 75			.1	.2	.3	.8	1.3	.7	.4	.3	.2	.3	.1		.1			43	43																
74/ 73			.1	.3	.2	1.3	.8	.4	.4	.3	.2	.1						39	39	7	1														
72/ 71			.3	.8	1.0	1.8	1.1	.3	.4									50	50	14	1														
70/ 69		.1	.1	.8	1.7	1.4	.9	.2	.3	.1	.1							52	52	35	5														
68/ 67		.1	1.3	1.1	1.5	1.0	.7	.1										53	53	66	9														
66/ 65	.1	.3	2.1	1.7	2.1	1.2	.2	.1										71	71	125	14														
64/ 63		1.2	1.0	1.3	1.3	.4												48	48	129	14														
62/ 61		1.4	1.2	1.2	.6	.1												41	41	152	51														
60/ 59		1.0	.8		.2													18	18	108	87														
58/ 57		.6	.6															10	10	110	114														
56/ 55		.1																1	1	88	114														
54/ 53																				40	97														
52/ 51																				16	67														
50/ 49																				7	62														
48/ 47																				1	57														
46/ 45																					42														
44/ 43																					26														
42/ 41																					16														
40/ 39																					18														
38/ 37																					10														
36/ 35																					11														
34/ 33																					20														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature																													
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 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

3

DATA PROCESSING BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 STATION MARCH AFB CA/RIVERSIDE STATION NAME 60-73,73-77 YEARS PAGE 2 0900-1100 MONTH HOURS (L. S. T.) SEP

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
32/ 31																					17
30/ 29																					13
28/ 27																					10
26/ 25																					10
24/ 23																					6
22/ 21																					4
20/ 19																					2
TOTAL	.1	4.9	7.8	7.5	9.0	8.0	6.0	5.2	5.7	5.8	5.0	5.6	4.0	5.0	5.2	3.2	8.7	898	898		98
																		898		898	

Element (X)	Σ X <sup>2</sup>	Σ X	$\bar{X}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2424092	41962	46.7	22.726	898							90
Dry Bulb	5424175	69177	77.0	10.300	898			71.1	55.5	39.6	5.4	90
Wet Bulb	3404219	55125	61.4	4.756	898			12.2	.7			90
Dew Point	2448455	46099	51.3	9.558	898		6.2	1.6	.1			90

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 65-7.73-77 YEARS SEP  
STATION MONTH HOURS L. S. T.

PAGE 1 1200-1400

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																	.3	3	3																
102/101																	1.3	12	12																
100/99																.2	2.1	25	25																
98/97															.1	.6	1.6	3.2	53	53															
96/95											.1	.6	.8	.6			1.3	2.9	56	56															
94/93											.6	.7	.3	1.4			1.3	2.9	65	65															
92/91										.1	.6	1.2	1.1	1.7	1.4		.7	2.3	82	92															
90/89									.1	.7	.7	1.3	1.4	.7	.6		.3	1.1	62	62															
88/87							.2	.2	.2	.7	1.4	1.0	1.0	.6	.3	1.2			64	64															
86/85							.1	.1	1.3	1.1	1.0	.6	.2	.1	.4	.9			53	53															
84/83							.1	1.3	1.7	1.3	.1	.3	.4	.2		.2			52	52															
82/81				.1	.3	.2	1.0	1.1	1.1	1.0	.7	.1	.1	.1					53	53															
80/79			.2	.1	.4	2.1	1.8	.4	.6	.6									56	56															
78/77			.2	.6	.9	2.1	1.1	1.1	.2	.1									57	57															
76/75				.3	.6	1.7	.7	.8	.9										44	44	1														
74/73			.2	.4	1.1	1.7	.4	.6	.1	.1									42	42	9														
72/71			.8	.6	1.6	.8	.8	.1											41	41	36														
70/69	.1	.2	.8	.9	.7	.4	.6	.1											34	34	66	4													
68/67		.2	.5	.4	.7	.2	.1												20	20	129	8													
66/65		1.2	.3		.1														15	15	177	12													
64/63	.1	.7	.1	.1															9	9	152	25													
62/61																					128	50													
60/59																					31	92													
58/57																					62	98													
56/55																					37	109													
54/53																					14	92													
52/51																					6	94													
50/49																						56													
48/47																						60													
46/45																						46													
44/43																						26													
42/41																						20													
40/39																						11													
38/37																						9													
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 PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

56-7, 73-77

SEP

PAGE 1 1500-1700

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																	.2																2	2						
100/99																	.2	.6																7	7					
98/97																.7	.3	1.4																22	22					
96/95															.2	.4	.7	.9	1.6															36	36					
94/93															.3	.8	.8	1.1	.8	1.2															45	45				
92/91															.2	1.2	1.5	1.0	1.0	.6	1.7														65	65				
90/89															.2	1.2	1.7	2.2	1.4	.2	.2	1.9													82	82				
88/87															.1	.1	.3	1.4	1.4	.9	.9	.8	1.3												68	68				
86/85								.1	.2	.4	.2	1.4	2.0	1.5	.4	.3	.2	.2	.6																75	70				
84/83								.3	1.2	.6	1.0	.8	1.0	.4	.2	.2	.1																			69	69			
82/81					.1	.4	1.3	2.5	1.4	.8	.3	.3	.2				.1																			69	69			
80/79					.1	.4	.9	1.9	1.6	.8	.8	.4	.1				.1																			66	66			
78/77				.2	.2	.8	.9	2.3	1.9	1.0	.6						.1																			72	72			
76/75					.3	.7	1.8	1.1	.8	.4	.1																									45	45	1		
74/73				.1	1.3	1.9	1.9	1.6	.1	.1																										63	63	7		
72/71				1.0	1.0	1.2	1.8	.8	.1																											51	51	29	1	
70/69		.1		.9	1.0	1.4	.3	.2																												36	36	72	7	
68/67		.2	.2	.1		.4																														9	9	118	9	
66/65		.1	1.1	.1		.2																														14	14	219	12	
64/63		.3	.4		.1																															8	8	136	31	
62/61																																							126	43
60/59		.1																																		1	1	66	110	
58/57																																							58	114
56/55																																							26	126
54/53																																							13	106
52/51																																							4	99
50/49																																							1	46
48/47																																								36
46/45																																								28
44/43																																								16
42/41																																								19
40/39																																								11
38/37																																								15
36/35																																								11
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	≥ 92 F	Total																											
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23114 MARCH APR CA/RIVERSIDE

6-7, 73-77

SEF

PAGE 1 1300-2000  
MONTH HOURS U.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																.1		1																		
90/ 89														.1	.1	.1		.2	5	5																
88/ 87									.1	.1	.3	.2	.2	.1			.2	12	12																	
86/ 85								.1	.3	.4	.4	.1	.3	.3	.3	.3		25	25																	
84/ 83								.6	.7	.2	.7	.4	.1	.1	.2	.3		32	32																	
82/ 81						.1		.3	1.1	.9	1.1	.9	.4	.3	.1	.3	.2	53	53																	
80/ 79					.1	.2	.6	1.0	2.0	1.3	1.1	.7	.2	.3	.3	.3		74	74																	
78/ 77				.2	.1	.3	.9	1.4	1.1	.9	.4	.7	.4	.3	.2			64	64																	
76/ 75				.2	.6	.4	1.8	.9	.9	.4	.6	.3	.1	.1	.4			63	63																	
74/ 73			.1	.7	.7	2.4	1.9	1.0	.4	.6	.1	.4	.1	.2				73	78																	
72/ 71		.1	.3	.9	1.7	3.0	1.1	.6	.6	.1	.1							77	77	6																
70/ 69		.4	.7	1.8	3.1	1.9	.4	.8	.3	.3	.3							69	89	10																
68/ 67		.6	1.7	1.8	3.1	1.0	.9	.2	.1									64	84	46																
66/ 65		.2	2.3	3.2	3.6	1.1	.1	.3										98	98	39																
64/ 63		1.2	2.1	4.4	1.1	.2	.1	.1										64	84	144																
62/ 61		.6	1.2	2.3	.6	.1												43	43	177																
60/ 59		.2	.3	.7	.2													13	13	146																
58/ 57		.1	.2	.2														5	5	125																
56/ 55																				31																
54/ 53																				31																
52/ 51																				31																
50/ 49																				7																
48/ 47																				5																
46/ 45																				2																
44/ 43																																				
42/ 41																																				
40/ 39																																				
38/ 37																																				
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
Element (X)	Σx'	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																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-76-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
JSAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119    MAPCH AFB CA/RIVERSIDE    66-70, 73-77    56P  
STATION                      STATION NAME                      YEARS                      MONTH

PAGE 2    1800-2000  
HOURS - 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																																																																
22/ 21																																																																
20/ 19																																																																
18/ 17																																																																
16/ 15																																																																
TOTAL		3.4	9.0	16.4	14.8	10.8	7.9	6.4	7.4	5.7	4.8	4.4	2.2	1.9	2.1	1.3	1.3																										900		900																			

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	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.	3025643	48989	54.4	19.985	900							
Dry Bulb	4719832	64860	72.1	7.121	900			65.7	40.7	16.4		90
Wet Bulb	3305137	54401	60.4	4.328	900			6.2				90
Dew Point	2545728	47198	52.4	8.859	900		4.4	1.4				90

USAF/ETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE  
STATION NAME

66-7, 73-77  
YEARS

PAGE 1 2150-2500  
HOURS - 5

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
62/ 61																								.1	2	2								
60/ 79																								.1	7	7								
78/ 77					.2																			.1	.2	20	29							
70/ 75																								.2	.1	34	34							
74/ 73					.1	.1	.3	.9	.8	.0	.8	.7	.3	.6	.1	.1	.1							.1	.2	50	50							
72/ 71					.3	.1	1.2	.8	1.2	.7	1.1	.3	.1	.2	.4	.1										60	60	2						
70/ 69					.3	.3	.7	1.9	1.7	1.2	.4	.2	.3	.2	.2	.1										73	73	2	2					
68/ 67					1.0	.9	1.6	1.9	1.1	.7		.6	.6	.2	.1	.1										78	78	15	7					
66/ 65					.2	1.2	3.0	2.4	1.4	.6	.3	.0	.3	.1	.1											93	93	33	16					
64/ 63					.4	2.3	4.7	2.4	.8	.6	.7	.1	.1													113	113	60	17					
62/ 61					.3	3.7	6.3	4.7	.6	.3	.4	.7														157	157	135	43					
60/ 59					2.1	7.1	3.3	.6	.1																	121	121	148	73					
58/ 57					1.0	4.0	1.0	.2	.1	.2																60	60	182	105					
56/ 55					.4	1.1	.3	.2																		19	19	135	141					
54/ 53					.1	.1																				3	3	74	132					
52/ 51						.1																				1	1	22	94					
50/ 49																													34	68				
48/ 47																													11	37				
46/ 45																													7	37				
44/ 43																													3	26				
42/ 41																													5	15				
40/ 39																														10				
38/ 37																													1	12				
36/ 35																														12				
34/ 33																														10				
32/ 31																														4				
30/ 29																														6				
28/ 27																														3				
26/ 25																															11			
24/ 23																															1			
22/ 21																															5			
20/ 19																															2			
18/ 17																															2			
16/ 15																															6			
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/ETAC FORM 0-26.5 (OL A) 1-66 REVISIONS INDICATED BY THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

2311 MARCH AFB CA/RIVERSIDE  
STATION NAME

4-7, 73-77  
YEARS

SEP  
MONTH

PAGE 2 2100-2500  
HOURS U.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.	Drv Bulb	Wet Bulb	Dew Point					
14/ 13																																			2
10/ 9																																		1	
TOTAL	1.	12.	27	5.	16.	9	9.1	6.9	6.6	4.2	4.8	.6	2.0	1.6	.9	.5	.7	.3	.1								900	900	900	900					

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4306631	59433	66.0	0.610	900							
Drv Bulb	3860204	58714	65.2	5.761	900			33.3	12.2	.5		90
Wet Bulb	3017398	51946	57.7	4.620	900			1.9				90
Dew Point	2494915	46671	51.9	9.116	900		4.3	.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 WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23112 MARCH 69 CA/RIVERSIDE

6-7, 73-77

ScP

PAGE 1 ALL

Date	NET 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	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																												
104/103																																	.0	.2	.3																																																																																																																																																													
102/101																																		.2	.4	14	14																																																																																																																																																											
00/ 99																									.1	.1	.4						.4	.4	34	36																																																																																																																																																												
98/ 97																									.0	.2	.3	.6					.2	.6	81	91																																																																																																																																																												
96/ 95																							.0	.1	.2	.2	.3	.5					.5	.5	112	112																																																																																																																																																												
94/ 93																							.1	.2	.2	.4	.3	.7					.7	.7	134	134																																																																																																																																																												
92/ 91																				.0	.1	.4	.4	.4	.4	.4	.4	.7					.7	.7	193	193																																																																																																																																																												
90/ 89																.0	.1	.3	.4	.4	.5	.3	.2	.2	.1	.6						.6	.6	187	187																																																																																																																																																													
88/ 87										.0	.1	.2	.3	.3	.4	.4	.4	.4	.4	.2	.2	.2	.2	.2	.3							.5	.5	210	210																																																																																																																																																													
86/ 85								.0	.0	.1	.1	.3	.4	.5	.5	.2	.2	.2	.2	.2	.2	.3										.3	.3	207	207																																																																																																																																																													
84/ 83								.0	.0	.1	.5	.7	.4	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1									.1	.1	202	202																																																																																																																																																													
82/ 81						.0	.1	.0	.3	.5	.5	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1										.1	.1	246	246																																																																																																																																																													
80/ 79				.0	.1	.1	.3	.6	.8	.6	.4	.3	.1	.1	.1	.1	.1	.2														.2	.2	280	280																																																																																																																																																													
78/ 77			.0	.1	.1	.3	1.0	1.0	.7	.6	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0									.0	.0	302	302																																																																																																																																																													
76/ 75			.0	.1	.2	.3	1.0	.6	.5	.4	.2	.1	.1	.0	.1																					261	261	2																																																																																																																																																										
74/ 73		.0	.1	.2	.4	1.1	1.1	.6	.4	.3	.1	.2	.1	.0	.1																					332	332	23 1																																																																																																																																																										
72/ 71		.0	.1	.5	.8	1.3	.8	.6	.4	.1	.1	.1	.1	.1	.1	.1	.1	.3																		358	358	96 3																																																																																																																																																										
70/ 69		.3	.3	.3	1.4	1.1	.8	.5	.2	.2	.1	.1	.0	.0																							413	413	192 27																																																																																																																																																									
68/ 67		.4	.7	1.0	1.5	.8	.6	.4	.2	.1	.1	.0	.0																								395	395	397 58																																																																																																																																																									
66/ 65	.3	.7	1.7	1.5	1.3	.7	.4	.2	.2	.1	.0	.0																									510	510	697 108																																																																																																																																																									
64/ 63	.3	1.3	2.2	1.8	.9	.4	.2	.1	.1	.1	.0	.0																									543	543	746 156																																																																																																																																																									
62/ 61	.3	2.4	2.4	1.9	.6	.4	.2	.3	.1	.0																											622	622	958 342																																																																																																																																																									
60/ 59	.2	2.7	2.7	1.5	.4	.1	.2	.1	.1	.0	.0	.0																									581	581	914 629																																																																																																																																																									
58/ 57	.2	2.1	1.8	.6	.2	.2	.1	.1	.0	.0	.0																										379	379	997 819																																																																																																																																																									
56/ 55	.1	1.7	1.2	.4	.2	.1	.1	.0	.0	.0	.0																										270	270	785 1003																																																																																																																																																									
54/ 53	.1	.8	1.0	.2	.1	.1	.0	.0	.0	.0	.0																										169	169	536 390																																																																																																																																																									
52/ 51	.0	.6	.4	.0	.1	.0	.0	.1	.0																												93	93	329 715																																																																																																																																																									
50/ 49	.0	.2	.2	.0	.0	.1																															37	37	224 534																																																																																																																																																									
48/ 47		.1	.0	.0	.0																																16	16	135 435																																																																																																																																																									
46/ 45		.0	.0	.0																																	9	9	87 348																																																																																																																																																									
44/ 43			.0																																		1	1	36 195																																																																																																																																																									
42/ 41																																								26 158																																																																																																																																																								
40/ 39																																								17 91																																																																																																																																																								
38/ 37																																							17 88																																																																																																																																																									
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						= 57 F						= 73 F						= 80 F						= 93 F						Total					
Dry Bulb																																																																																																																																																																																																
Wet Bulb																																																																																																																																																																																																
Dew Point																																																																																																																																																																																																

USAFETAC FORM 64 0-76-5 (01-A) PSYCHROMETRIC SUMMARY OF THIS FORM AIR WEATHER SERVICE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

23119 STATION MARCH APR CA/RIVERSIDE STATION NAME 66-70, 73-77 YEARS SEP MONTH ALL HOUS (L. S. T.)

PAGE 2

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
36/ 35																					1	105			
34/ 33																					1	101			
32/ 31																						92			
30/ 29																						70			
28/ 27																						66			
26/ 25																						50			
24/ 23																						19			
22/ 21																						26			
20/ 19																						21			
18/ 17																						8			
16/ 15																						14			
14/ 13																						4			
12/ 11																						4			
10/ 9																						7			
8/ 7																						3			
TOTAL	1.9	13.3	14.7	10.7	8.1	7.3	6.4	6.2	5.3	4.6	3.7	3.6	2.8	2.4	2.5	1.9	5.0			7196		7196			
																					7196		7196		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	27889752	411810	57.2	24.5	7196	≤ 0 F	≤ 32 F	≤ 67 F	> 73 F	> 80 F	> 93 F	720													
Dry Bulb	37030104	509056	70.7	11.8	7196			396.8	280.2	177.8	38.0	720													
Wet Bulb	25505263	426321	59.2	5.8	7196			71.0	2.5			720													
Dew Point	19712568	270914	51.5	9.0	7196			39.0	8.9	.1		720													

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

ACT

PAGE 1 0000-0200

MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1								.1			2	2		
72/ 71													.1	.1				2	2		
70/ 69						.1						.1						2	2		
68/ 67				.2	.1					.1	.1							5	5		
66/ 65				.2	.3	.5		.1	.1	.1			.2					14	14		
64/ 63	.3		.2	.8	.5	.3	.1	.1	.2	.2	.5							31	31	4	3
62/ 61	.3	.9	.4	1.0	.3	.8	.2	.3	.1	.2	.1	.4						46	46	9	6
60/ 59	.1	3.7	3.2	1.5	1.0	1.1	.9	.6	.4		.5							121	121	12	6
58/ 57	1.0	5.1	4.1	.9	.9	1.2	.5	.3	.2	.3	.2							136	136	77	36
56/ 55	.1	4.2	4.0	1.4	2.0	1.3	.5	.5	.4	.5								140	140	101	51
54/ 53	.2	4.4	3.8	1.0	.4	.5	.8	.6	.4	.1								114	114	101	87
52/ 51	.3	5.6	1.7	.8	.4	.4	1.3	.5	.3	.1								107	107	101	83
50/ 49	.2	3.4	2.9	.6	.5	.3	.3	.1										80	80	132	96
48/ 47		2.3	1.7	.3	.4	1.3	.4	.3	.1									64	64	93	97
46/ 45		1.4	.3	.2	.8	.4	.2											31	31	84	60
44/ 43		.9	.2	.4	.2	.3		.1										20	20	54	57
42/ 41		.5	.1	.1			.1											8	8	48	57
40/ 39			.2	.1	.1													4	4	46	41
38/ 37					.2													2	2	38	28
36/ 35																				16	24
34/ 33																				7	20
32/ 31																				4	15
30/ 29																				2	24
28/ 27																					22
26/ 25																					22
24/ 23																					17
22/ 21																					15
20/ 19																					6
18/ 17																					9
16/ 15																					11
14/ 13																					9
12/ 11																					9
10/ 9																					10
8/ 7																					4
Element (X)	Σx <sup>2</sup>	Σx	Σ	*x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

## PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE  
STATION NO. STATION NAME

66-70,73-77

YEARS

OCT

MONTH

PAGE 2

0000-0200

HOURS - 5 T.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
6/ 5																																							2
2/ 1																																						1	
0/ -1																																					1		
TOTAL	2.0	2.3	2.9	9.3	8.3	8.4	5.9	3.7	2.3	1.6	1.2	1.2	.3		.1																					929	929	929	
Element (X)	$\sum X$	$\sum X^2$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum	4926809	64173	69.123	0.070	929	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	93																											
Dry Bulb	2797621	50729	54.6	5.445	929			1.1	.2			93																											
Wet Bulb	2265233	45495	19.0	6.336	929		.6					93																											
Dew Point	1835608	39748	42.8	12.059	929	.1	17.7					93																											

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION

66-73-77

YEARS OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																	
72/ 71					.1								.1	.1																			3	3			
70/ 69					.1								.1																					3	3		
68/ 67				.1	.3			.1					.1																					6	6		
66/ 65				.1	.3	.2				.2	.2		.1																					8	8		
64/ 63					.1	.2				.1			.1																					7	7	3	
62/ 61	.4	1.4	.2	.4	.2	.1	.1			.1			.1																					30	30	5	4
60/ 59	.1	2.3	1.5	1.5	.5	.2	.5	.3	.2	.1			.2	.1																				70	70	19	12
58/ 57	.6	4.2	3.3	1.0	.1	.5	.6	.5	.1	.3																								106	106	39	25
56/ 55	1.1	4.1	3.1	1.1	1.6	.3	.4	.3	.5	.2																								119	119	85	47
54/ 53	.6	5.8	1.7	1.2	1.7	.4	.5	.1	.5	.4																								122	122	90	74
52/ 51	1.0	4.8	2.4	.6	1.1	.5	.8	.3	.3	.1																								111	111	111	80
50/ 49	.1	4.7	1.3	.8	1.1	1.6	.8	.3	.1	.2																								102	102	67	93
48/ 47	.3	4.1	2.2	.5	1.0	.9	.6	.1																										90	90	118	72
46/ 45	.2	3.5	.6	.5	.5	.6	1.0	.1																										67	67	86	69
44/ 43	.1	2.5	.5	.5	.5	.5	.1	.1																										46	46	62	66
42/ 41	.1	.5	.5	.1	.4	.1																												17	17	62	50
40/ 39		.5	.5	.1	.5	.1																												17	17	52	53
38/ 37		.1	.1	.1	.1																													4	4	51	31
36/ 35				.1	.1																													2	2	26	37
34/ 33																																				22	20
32/ 31																																				8	21
30/ 29																																			4	20	
28/ 27																																					25
26/ 25																																					30
24/ 23																																					9
22/ 21																																					23
20/ 19																																					9
18/ 17																																					9
16/ 15																																					12
14/ 13																																					14
12/ 11																																					14
10/ 9																																					4
8/ 7																																					1
6/ 5																																					2
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23114 STATION NUMBER MARCH AFB CA/RIVERSIDE STATION NAME 6-70, 73-77 YEARS JCT MONTH PAGE 2 0300-0500 HOURS OF 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																
2/ 1																																					3
0/ -1																																					1
TOTAL	4.738	6.018	1.8	1.0	8.710	0.2	0.3	5.7	2.4	1.9	0.7	0.5	0.4	0.4	0.2				930																	930	
																															930		930				

Element (X)	Σ X'	Σ X	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5257220	66482	71.523	3.308	930							
Dry Bulb	2584905	48729	52.4	5.838	930			1.2				93
Wet Bulb	2132932	44092	47.4	6.764	930		1.2					93
Dew Point	1754762	38772	41.7	2.203	930	0.1	19.7					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

23119 MARCH APR CA/RIVERSIDE

66-7073-77

PCT  
MONTH

PAGE 1 0600-0600

HOURS U.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
80/ 79																		.1																2	2				
78/ 77																			.1																3	3			
76/ 75																			.1																1	1			
74/ 73																			.1																5	5			
72/ 71									.1	.2									.1																	11	11		
70/ 69									.1	.1									.2	.1																11	11		
68/ 67								.3	.2	.1									.4	.1																15	15		
66/ 65								.2	.2	.3	.4	.4	.4						.3	.3	.1															26	26		
64/ 63			.1	.2	.6	.3	.4	.5	.2	.4	.2																									29	29	2	
62/ 61	.1	1.2	.9	.8	.1	.5	.4	.5	.6	.3	.2	.1	.2																						51	51	5	1	
60/ 59	.5	2.4	2.5	1.0	.5	.4	.5	.6	.3	.2	.3																								89	89	31	15	
58/ 57	.3	3.3	3.7	1.0	.4	1.1	.9	.1	.3	.6	.2																								113	113	57	24	
56/ 55	1.5	4.3	3.3	.6	.5	1.0	.5	.3	.2	.4	.1																								118	118	86	58	
54/ 53	.5	5.2	2.4	1.4	1.2	.6	.4	.9	.3																										120	120	103	81	
52/ 51	.7	4.6	.9	.4	.6	.9	.4	.1	.2																										85	85	121	85	
50/ 49	.3	3.2	1.4	.6	1.1	.3	.8	.3																											75	75	95	101	
48/ 47	.5	2.7	1.1	.9	.5	.4	.1	.1	.1																										60	60	102	73	
46/ 45	.3	2.8	.4	.4	.6	.3	.2																												49	49	82	59	
44/ 43	.3	1.5	.4	.2	.5	.1	.2																												31	31	72	48	
42/ 41	.1	.9	.1	.3	.1	.2	.1	.1																											18	18	59	45	
40/ 39	.1	.2	.1	.3	.2																														9	9	43	42	
38/ 37		.2	.1	.3	.1																														7	7	33	52	
36/ 35		.1			.1																														7	2	20	30	
34/ 33																																						10	22
32/ 31																																						6	29
30/ 29																																						1	23
28/ 27																																						2	26
26/ 25																																							23
24/ 23																																							12
22/ 21																																							13
20/ 19																																							17
18/ 17																																							8
16/ 15																																							13
14/ 13																																							12
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  
 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE  
STATION NO. STATION NAME

6-7, 72-77  
YEARS

CT  
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																				
95/ 95																																.2	2	2							
94/ 93																																.1	.2	3	3						
92/ 91																																.2	.0	8	8						
90/ 89																																.2	1	1.2	14	14					
88/ 87																									.2	.2	.1	.8	1.3						24	24					
86/ 85																								.1	.1	.5	.4	.0	1.7							33	33				
84/ 83																								.1	.1	.1	.2	.2	.8	1.1	.5					29	29				
82/ 81																								.3	.2	1.1	.0	.8	1.3	.5	.8					52	52				
80/ 79																								.3	.5	.1	.6	.9	.8	.3	1.1	.1					44	44			
78/ 77																								.2	.1	.5	.4	.5	.5	.5	.6					39	39				
76/ 75																								.1	.2	.4	.3	.4	.1	.8	1.1	1.2	.3	.0	.3			55	55		
74/ 73																								.1	.3	.2	.2	.6	.5	.9	1.1	.6	1.1	.0				61	61		
72/ 71																								.1	.3	.5	1.1	.4	.2	.5	.5	.8	.3	.8	.2			54	54		
70/ 69																								.1	.4	.4	.8	.8	.6	.8	.6	.2	.5	.1			56	56	1	1	
68/ 67																								.2	1.5	1.6	.2	.8	.3	.3	.9	.5	.6	.1			66	66	3	3	
66/ 65																								.2	1.7	1.4	1.7	.5	.4	.3	.3	.1	.2			65	65	7	1		
64/ 63																								.1	.4	.3	2.0	2.2	.8	.4	.1	.4			.5	.3		75	75	29	1
62/ 61																								.3	1.5	3.3	2.2	.8	.1	.2		.2	.2				82	82	48	5	
60/ 59																								1.1	2.3	2.5	.9	.5	.1	.1	.2		.1			72	72	102	19		
58/ 57																								1.0	1.6	1.3	.4		.2						42	42	140	26			
56/ 55																								.1	1.2	1.2	.3								26	26	177	65			
54/ 53																								.1	1.3	.4	.2								19	19	152	80			
52/ 51																								.2	.2	.2									6	6	104	84			
50/ 49																								.2	.1										3	3	64	96			
48/ 47																																						56	62		
46/ 45																																						24	38		
44/ 43																																							17	45	
42/ 41																																						3	36		
40/ 39																																						1	32		
38/ 37																																							30		
36/ 35																																							37		
34/ 33																																							48		
32/ 31																																							37		
30/ 29																																							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) 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE

6-7, 73-77

TOT

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																		.3	3	3									
98/ 97																		.4	4	4									
96/ 95																		1.0	15	15									
94/ 93																.1	.2	2.9	30	30									
92/ 91												.1	.1			1.0	3.9	47	47										
90/ 89											.1	.2	.4			.3	4.3	55	55										
88/ 87											.1	.4	.5	.5	1.0	.9	2.9	59	59										
86/ 85										.2	.1	.4	.3	.2	1.3	1.3	2.3	57	57										
84/ 83										.4	.1	.4	.5	.6	1.0	.9	1.0	47	47										
82/ 81							.2	.1	.3	.4	.8	.8	.8	.8	.5	1.0	51	51											
80/ 79							.4	.3	.9	.2	.6	.6	.4	.2	1.4	.9	56	56											
78/ 77						.2	.4	1.3	.3	.1	.5	.4	.9	.4	.8		50	50											
76/ 75		.1		.1	.1	.9	1.4	1.2	.6	.3	.3	.5	.5	1.0			74	74											
74/ 73					.1	.6	1.0	1.0	.8	.4	.3	.3	.6	.4	.3		61	61											
72/ 71			.2		.2	1.5	2.2	1.5	1.1	.1	.2	.5	.4	.5	.2		81	81	1										
70/ 69			.1	.2	.5	1.7	1.8	1.2	.6	.1		.1	.1				62	62	3										
68/ 67			.1	.1	1.5	2.5	1.5	.6	.1	.1	.2		.3				66	66	9										
66/ 65			.1	.4	1.1	1.9	1.0	.2	.1	.1	.2						48	48	29										
64/ 63				.6	1.3	.5	.2		.1								26	26	52										
62/ 61		.6		.4	.5	.1											16	16	110										
60/ 59		.1	.1	.8	.2	.1											12	12	134										
58/ 57			.3	.3	.1												7	7	177										
56/ 55		.1			.2												3	3	180										
54/ 53																			88	76									
52/ 51																			46	80									
50/ 49																			57	77									
48/ 47																			33	64									
46/ 45																			6	47									
44/ 43																			3	49									
42/ 41																				46									
40/ 39																				22									
38/ 37																				39									
36/ 35																				37									
34/ 33																				51									
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



1  
3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE  
STATION STATION NAME

66-70, 73-77  
YEARS

MOY  
MONTH

PAGE 1 1500-1700  
HOURS

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	1	1																
96/ 95																	1.0	9	9																
94/ 93																.1 1.0	10	10																	
92/ 91													.1		.3	.2 1.9	24	24																	
90/ 89												.1	.1	.5	.3 2.7	35	35																		
88/ 87												.5	.4	.4	1.0 1.8	39	39																		
86/ 85									.1	.2	.5	.6	.9		.8 1.0	46	46																		
84/ 83								.2	.3	.6	.8	.2	1.1	.5	1.1 .9	53	53																		
82/ 81							.1	.6	1.0	.4	.8	.9	.3	1.0 1.0	56	56																			
80/ 79					.1	.3	.9	1.2	1.0	.9	.8	.3	.6	1.1 .1	67	67																			
78/ 77				.3	.3	1.5	.8	.6	.4	.2	.3	.3	.6		51	51																			
76/ 75		.1			.1	1.2	.8	1.4	.8	.4	.4	.4	.5	1.4 .1	71	71																			
74/ 73				.6	1.3	1.1	1.1	.2	.3	.1	.6	.8	.4	.1	62	62																			
72/ 71			.1	.4	1.2	3.7	2.0	.8	.3	.1	.8	.5	.2	.1	95	95	1																		
70/ 69		.1	.4	1.6	3.2	1.7	1.5	.5	.2	.2	.2	.4	.4		97	97	1	1																	
68/ 67		.1	.1	1.7	1.7	2.0	.9	.1	.2	.1	.2	.2	.1		70	70	4																		
66/ 65		.1	.5	.9	1.4	1.7	.8		.1	.3	.1				53	53	37																		
64/ 63		.5	.4	.5	1.6	1.2		.2			.2	.1			47	47	66	3																	
62/ 61			.2	.8	.9	.4		.1							22	22	125	4																	
60/ 59		.1	.5	.3	.1	.1									11	11	171	24																	
58/ 57		.2	.4	.3											9	9	144	37																	
56/ 55			.2												2	2	152	57																	
54/ 53																	78	74																	
52/ 51																	39	100																	
50/ 49																	57	100																	
48/ 47																	33	86																	
46/ 45																	15	53																	
44/ 43																	4	42																	
42/ 41																	2	30																	
40/ 39																		38																	
38/ 37																		27																	
36/ 35																		25																	
34/ 33																		22																	
32/ 31																		47																	
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) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAF

# PSYCHROMETRIC SUMMARY

23113 MARCH APR CA/RIVERSIDE 6-7, 73-77 101  
STATION MONTH YEARS MONTH  
PAGE 2 1500-1700  
-0.85 - 5 -

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	De-Point						
30/ 29																																			29	
28/ 27																																			20	
25/ 25																																			20	
24/ 23																																			14	
22/ 21																																			15	
20/ 19																																			27	
18/ 17																																			14	
16/ 15																																			0	
14/ 13																																			0	
12/ 11																																			2	
10/ 9																																			1	
TOTAL		0.0	1.3	4.0	8.3	10.3	11.2	0.8	0.9	1.1	4.7	4.9	5.7	0.0	5.9	5.3	11.4																	930	930	730

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.	1644314	34542	37.1	19.722	930			78.6	52.4	31.3	2.0	93
Dry Bulb	5354534	70104	75.4	8.683	930							93
Wet Bulb	3060879	53165	57.2	4.323	930			.6				93
Dew Point	1862971	40203	43.2	1.601	930		20.7	.1				93

USAF ETAC FORM 026-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE 6-7, 72-77 YEARS PAGE 1 1800-2000

Temp		WET BULB TEMPERATURE DEPRESSION °F																															TOTAL		TOTAL	
DB	WB	0	1	2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point		
86/ 85															.1															.1	2	2				
84/ 83																				.1											.1	3	3			
82/ 81																.1															.1	4	5			
80/ 79																.1															.1	10	10			
78/ 77											.1	.2	.3	.4	.1	.1	.4	.3	.3	.1												23	23			
76/ 75											.1	.5	.6	.5	.1	.6	.6	.3	.2	.1												36	36			
74/ 73							.1	.5	.6	.4	.4	.6	.6	.4	.6	.6	.4	.5	.4	.1												47	47			
72/ 71					.1	.1	1.1	1.0	.9	.6	.6	.4	.4	.3	.4	.1																59	59			
70/ 69			.1	.3	.6	1.1	1.2	.6	1.1	.8	.4	.9	.5	.5																		77	77			
68/ 67			.1	.8	1.6	1.5	.6	.8	.2	.5	.4	.1	.9																			66	66	1		
66/ 65			.6	2.0	1.2	1.7	.6	.4	.4	.4	.3	.0	.4																			84	84	5		
64/ 63		.5	1.6	3.5	4.0	.6	.6	.3	.2	.9	.3	.2	.1																			123	123	10		
62/ 61		1.1	2.6	3.2	1.7	.6	.6	.2	.2	.4	.4	.2																				106	106	61	9	
60/ 59		.6	4.1	4.7	1.6	.5	.4	.1	.4	.2	.6																					128	128	101	15	
58/ 57	.1	1.0	2.9	2.8	.5	.5	.2	.2	.3	.1																						31	31	134	50	
56/ 55		.3	2.4	.9	.4	.4	.2	.3	.1	.1																						48	48	161	71	
54/ 53		.3	1.0	.6		.1																										16	19	161	99	
52/ 51		.6	.5	.1	.1			.1																								10	10	98	123	
50/ 49			.1																													1	1	64	125	
48/ 47																																		55	74	
46/ 45																																		33	46	
44/ 43																																		29	34	
42/ 41																																		17	28	
40/ 39																																		10	32	
38/ 37																																	1	29		
35/ 35																																			22	
34/ 33																																			17	
32/ 31																																			10	
30/ 29																																			17	
28/ 27																																			26	
26/ 25																																			21	
24/ 23																																			11	
22/ 21																																			8	
20/ 19																																			17	
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 NO. 64 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

23110 STATION MARCH AFB CA/RIVERSIDE 6-70, 73-77 YEARS OCT MONTH

PAGE 2 1600-2000 HOURS U.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
18/ 17																					7
16/ 15																					18
14/ 13																					7
12/ 11																					9
10/ 9																					2
8/ 7																					3
TOTAL	.1	4.1	16.1	19.4	12.2	8.6	6.	5.5	5.1	4.1	4.0	3.9	4.2	2.5	1.2	.6	.1	930	930	930	930
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.	3193161	50313	54.1	22.522	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	3923802	60104	64.6	6.513	930			33.0	12.6	1.4		93									
Wet Bulb	2745860	50296	54.1	5.266	930			.1				93									
Dew Point	1985512	41530	44.7	1.873	930		15.6					93									

USAFETAC FORM 24 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF LTAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

OCT

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
78/ 77																.1		1	1		
76/ 75												.1	.1					7	2		
74/ 73									.1			.3	.1	.5				16	10		
72/ 71						.1	.1			.2			.1	.5				5	5		
70/ 69					.1	.2	.4	.1	.2	.2	.4							16	16		
68/ 67			.1	.1	.3	.6	.5	.2	.3	.3	.1	.2						27	27		
66/ 65		.1	.1	.6	.5	.4	.5	.2	.4	.6	.5	.1	.2					42	42		
64/ 63		.2	.6	1.6	1.4	.9	1.0	.9	.2	.6	.8	.2	.1					80	80	?	
62/ 61		1.6	1.6	1.9	.8	1.2	.5	.4	.3	1.2	.4	.1						94	94	12	2
60/ 59		4.5	3.9	1.4	.9	.4	.5	.8		.4	.3	.1						123	123	30	13
58/ 57		4.1	5.3	1.9	.9	.9	.6	.4	.6	.3	.1							141	141	107	41
56/ 55	.1	3.4	5.6	2.6	.6	.9	.8	.2	.4	.3	.1							147	147	108	68
54/ 53		3.9	4.6	1.1	.3	.3	.6	.2	.3	.1								107	107	137	84
52/ 51		1.4	2.8	1.2	.5	.1	.3	.4	.4	.1								67	67	138	103
50/ 49		1.3	1.1	.4	.6	.3	.4	.2		.1								42	42	108	106
48/ 47		.5	.8	.1		.3		.1										16	16	75	95
46/ 45		.3	.1	.1	.1		.1											7	7	75	71
44/ 43					.1	.1												2	2	37	47
42/ 41			.1															1	1	41	37
40/ 39																				19	38
38/ 37																				22	14
36/ 35																				6	23
34/ 33																				3	16
32/ 31																				1	19
30/ 29																					19
28/ 27																					19
26/ 25																					23
24/ 23																					19
22/ 21																					11
20/ 19																					16
18/ 17																					7
16/ 15																					14
14/ 13																					8
12/ 11																					8
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



3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-76, 73-77

7CT

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														
00/ 99																	.1	4	4																
98/ 97																	.1	4	4																
96/ 95																	.3	26	26																
94/ 93																	.5	43	43																
92/ 91													.0	.0			.2	.6	79	79															
90/ 89												.0	.0	.0			.1	1.1	104	104															
88/ 87												.0	.1	.2	.1	.2	.3	.6	122	122															
86/ 85												.1	.0	.1	.1	.2	.3	.6	137	138															
84/ 83									.0	.1	.1	.2	.1	.3	.3	.4	.3	.3	132	132															
82/ 81								.0	.1	.2	.2	.3	.3	.3	.3	.3	.3	.3	164	164															
80/ 79							.0	.1	.2	.3	.2	.3	.3	.2	.2	.5	.1	179	179																
78/ 77							.1	.1	.4	.3	.2	.2	.2	.3	.2	.3	.3	.3	167	167															
76/ 75			.0		.0	.1	.3	.4	.5	.3	.2	.3	.4	.2	.5	.1		239	239																
74/ 73			.0		.0	.3	.4	.4	.4	.2	.3	.2	.4	.3	.3	.0		248	248																
72/ 71			.0	.0	.1	.6	1.0	.6	.3	.2	.2	.3	.3	.3	.1			310	310	2															
70/ 69			.1	.2	.5	.9	.8	.5	.4	.3	.2	.2	.2	.2	.2			324	324	5															
68/ 67			.1	.2	.9	1.0	.6	.3	.2	.2	.2	.2	.3	.0				323	323	17															
66/ 65		.0	.2	.7	.8	1.0	.5	.2	.2	.3	.2	.2	.1					340	340	80															
64/ 63	.1	.2	.5	1.2	1.4	.6	.4	.2	.2	.3	.2	.1						418	418	177															
62/ 61	.1	.9	.9	1.5	.8	.6	.3	.2	.1	.3	.1	.1						447	447	375															
60/ 59	.1	1.8	2.2	1.8	.7	.4	.4	.3	.2	.1	.3	.0						626	626	609															
58/ 57	.3	2.3	2.7	1.2	.5	.5	.4	.2	.2	.2	.1							635	635	875															
56/ 55	.3	2.2	2.4	.9	.7	.5	.3	.3	.2	.2	.0							603	603	1050															
54/ 53	.2	2.6	1.7	.7	.5	.3	.3	.2	.2	.1								501	501	890															
52/ 51	.3	2.1	1.0	.4	.4	.2	.3	.2	.2	.0								366	386	758															
50/ 49	.1	1.0	.9	.3	.4	.3	.3	.1	.0	.0								303	303	644															
48/ 47	.1	1.2	.7	.2	.2	.4	.1	.1	.0									230	230	565															
46/ 45	.1	1.0	.2	.2	.2	.2	.2	.0										154	154	408															
44/ 43	.1	.6	.1	.1	.2	.1	.0	.0										99	99	298															
42/ 41	.0	.2	.1	.1	.1	.0	.0	.0										44	44	232															
40/ 39	.0	.1	.1	.1	.1	.0												30	30	171															
38/ 37		.0	.0	.1	.1													13	13	145															
36/ 35		.0		.0	.0													4	4	68															
34/ 33																				42	216														
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



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 6-7, 73-77 40V  
STATION MONTH  
 PAGE 1 0000-0200  
HOURS - 5 -

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7	8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
72/ 71													.1																					1	1			
68/ 67														.1																					1	1		
66/ 65													.2	.1	.2																			5	5			
64/ 63							.1					.2	.2	.2																				7	7			
62/ 61		.2				.2			.1	.1		.7	.3																					15	15			
60/ 59			.4	.3		.1	.2		.3	.1	.3	.1																						18	18	2		
58/ 57	.9	.2	.3	.3	.1	1.0	.2	.5	.2	.2	.1																							36	36	9	10	
56/ 55	.1	1.0	1.0	.3	.6	.0	.6	.7	.6	.4																								57	57	11	3	
54/ 53	1.1	4.2	1.9	.9	.7	1.1	1.7	.9	.4	.3																								119	119	33	19	
52/ 51	1.6	3.7	2.6	.6	.7	1.0	1.4	1.1	.2																									117	117	76	48	
50/ 49	.9	4.3	2.3	1.2	1.6	1.3	.8	.0	.3																									120	120	77	57	
48/ 47	.7	3.8	2.4	1.2	.6	1.1	.7	.3	.1																									100	100	96	69	
46/ 45	.3	4.1	2.1	1.7	.6	.6	.4	.1																										91	91	37	60	
44/ 43	.1	3.0	1.4	1.1	.7	1.3	.4	.1																										74	74	100	52	
42/ 41		1.1	1.4	.9	.6	.4	.3	.1																										47	47	125	52	
40/ 39		1.8	1.4	.3	.6	.2	.2																											43	43	79	54	
38/ 37	.1	1.2	1.3	.1	.1	.1																												27	27	84	58	
36/ 35	.1	.7	.7	.2	.1																													16	16	53	43	
34/ 33		.7																																6	6	42	51	
32/ 31																																					25	58
30/ 29																																				8	33	
28/ 27																																				4	39	
26/ 25																																					31	
24/ 23																																					23	
22/ 21																																					28	
20/ 19																																					24	
18/ 17																																					26	
16/ 15																																					15	
14/ 13																																					10	
12/ 11																																					19	
10/ 9																																					5	
8/ 7																																					7	
6/ 5																																					3	
4/ 3																																					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 0-20-5 (OL A) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH 'FB CA/RIVERSIDE MO-7...73-77 10V  
STATION MONTH  
 PAGE 1 0300-0500  
HOURS U.S. ST.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	.2	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69																																		3	3		
66/ 65																																		1	1		
64/ 63							.2					.2					.2																8	8			
62/ 61						.2								.1	.2	.2	.1																8	8			
60/ 59			.3	.1				.1	.1					.2	.2	.7	.2																18	18			
58/ 57	.6	.1	.1					.2	.1					.3	.7	.1																	20	20	8	2	
56/ 55	.1	1.2	.1	.2	.1	.2	.1	.4	.1	.2				.1	.2																	26	26	8	2		
54/ 53	1.0	2.7	1.4	.3	.1	.1	.3	.2	.2	.1																						59	59	21	18		
52/ 51	1.1	3.2	1.8	1.0	1.1	1.0	.7	.6	.3	.1																						98	98	41	30		
50/ 49	1.2	3.2	1.3	1.6	1.0	1.1	1.6	.2	.6																							106	106	68	41		
48/ 47	.4	6.6	1.8	1.2	1.3	1.4	.4	.2																								121	121	58	36		
46/ 45	.8	5.4	1.1	1.0	1.2	1.1	.6	.1																								102	102	105	65		
44/ 43	.4	4.0	1.4	1.7	.9	1.1	.3																									89	89	94	61		
42/ 41	.3	3.7	1.7	1.4	1.0	.7																										79	79	103	57		
40/ 39	.3	1.7	1.4	.9	1.2	.1	.2																									53	53	103	67		
38/ 37	.3	1.0	.7	.4	.7	.4																										37	37	85	53		
36/ 35	.1	1.9	1.3	.4	.2	.1																										37	37	77	42		
34/ 33	.3	.7	.7	.4	.2	.1																										21	21	57	45		
32/ 31	.1	.7	.2	.2																												11	11	32	54		
30/ 29		.2	.1																													3	3	24	42		
28/ 27																																			13	44	
26/ 25																																	3		42		
24/ 23																																				27	
22/ 21																																				35	
20/ 19																																				24	
18/ 17																																				22	
16/ 15																																				12	
14/ 13																																				18	
12/ 11																																				13	
10/ 9																																				8	
8/ 7																																				8	
6/ 5																																				1	
4/ 3																																				3	
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	$\leq 47$ 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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23119 MARCH AFB CA/RIVERSIDE

65-70973-77

1,000

PAGE 1 CORO-0000

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOT L				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
80/ 79														.1																			1	1				
72/ 71												.2																					2	2				
70/ 69											.1	.3	.1																				5	5				
68/ 67							.1				.1																						3	3				
66/ 65								.1			.1	.2	.3	.1																			8	8				
64/ 63					.2	.1	.1	.1				.2	.3																				10	10				
62/ 61			.1			.1	.1	.4	.1	.4	.3																						15	15				
60/ 59		.2		.5	.1	.3	.2	.2	.3	.4	.2																						24	24				
58/ 57	.2	.3	.1	.2	.1	.7	.6	.4	.2	.7	.2																						37	37	1^	5		
56/ 55	.3	1.3	1.0	1.0	.3	.7	.4	.4	.0	.3																							58	58	11	6		
54/ 53	.4	2.2	1.2	.9	.3	.2	.7	.3	.0	.3																							62	62	25	11		
52/ 51	.8	3.1	2.3	1.0	.4	.9	.4	.2																									88	88	30	27		
50/ 49	.7	.7	2.3	1.2	1.3	1.1	.3	.3	.1																								91	91	73	45		
48/ 47	.3	3.6	1.9	1.0	1.6	1.4	.7		.2																								96	96	64	49		
46/ 45	1.0	6.9	1.4	1.3	1.4	1.2		.3																									123	123	103	67		
44/ 43	1.2	3.4	1.2	.5	.7	.4	.6																										76	76	121	74		
42/ 41	.2	2.8	1.4	1.1	.8	.3	.1																										61	61	97	66		
40/ 39	.7	1.7	.8	1.3	.6	.2																											47	47	102	64		
38/ 37	.3	1.1	.6	.6	.6	.2																											30	30	84	54		
36/ 35	.6	.9	.2	.2	.1																												15	15	48	49		
34/ 33	.3	1.5	.6	.1	.2	.1																											25	25	40	33		
32/ 31	.2	.8	.3	.4	.1																												17	17	36	53		
30/ 29		.0	.1																														6	6	19	41		
28/ 27																																			9	53		
26/ 25																																			7	45		
24/ 23																																		1	18			
22/ 21																																				30		
20/ 19																																				29		
18/ 17																																				24		
16/ 15																																				17		
14/ 13																																				14		
12/ 11																																				10		
10/ 9																																				4		
8/ 7																																				5		
Element (λ)	Z <sub>x</sub>	Z <sub>y</sub>	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																																
Ref. Num.						≤ 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



3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119      MARCH APR CA/RIVERSIDE      6-7-73-77      NOV  
STATION NAME      YEARS      MONTH

PAGE 1      0900-1100  
HOURS U.S.T.

Temp F	MET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87																	.1	1	1																
86/ 85											.1						.2	.3	6	6															
84/ 83												.1	.2	.2	.2		.4	.2	7	7															
82/ 81													.2	.4	.4	.2	.2	.2	11	11															
80/ 79										.1			.2	.4	.4	.2			17	17															
78/ 77									.1			.6	.4	1.2	.5				24	26															
75/ 75								.0	.1	.4	.7	.7	.5	.7					36	36															
74/ 73						.1	.3	.1	.5	.6	.9	.6	.3	.1					32	32															
72/ 71					.4	.4	.7	.8	.8	1.1	.7	.7	.0						49	49															
70/ 69					.1	.6	.3	.3	.6	1.2	.8	1.2	.3						51	51															
68/ 67				.4	.4	.7	.6	.2	.8	1.1	.6	.7	.3						54	54															
66/ 65		.1	.1	.6	.8	.8	.7	1.0	.7	.3	1.3	.7							63	63															
64/ 63	.1	.2	.1	.4	1.0	1.0	.3	1.3	.8	.7	.3	.1							58	58	2														
62/ 61	.2	.7	.3	1.6	.8	.6	.6	1.0	.7	.8	.4								58	62	7														
60/ 59	.3	1.1	1.3	.9	.8	.9	.7	.3	.9	.4	.1								67	67	29	8													
58/ 57	.1	.9	1.0	2.1	1.3	.7	.8	.6	.2	.4	.1								74	74	45	2													
56/ 55	1.3	2.3	1.6	1.2	.6	.4	.3	.1	.1										72	72	77	17													
54/ 53	.2	1.2	1.4	2.1	.4	.6	.3	.3	.2	.1									63	63	117	25													
52/ 51	.1	.9	1.1	1.2	.7	.4	.3		.1										44	44	131	36													
50/ 49	.2	1.4	1.0	1.0	.1	.2	.1	.1											38	38	122	61													
48/ 47	.1	1.3	.9	.2	.1	.1	.1												26	26	115	76													
46/ 45	.2	.8	.4	.4	.3	.1	.1												22	22	100	81													
44/ 43	.1	.1	.4	.1															7	7	74	50													
42/ 41	.1	.4	.1																6	6	36	63													
40/ 39		.1																	1	1	23	53													
38/ 37			.1																1	1	13	36													
36/ 35																					7	45													
34/ 33																					2	43													
32/ 31																						43													
30/ 29																						50													
28/ 27																						38													
26/ 25																						33													
24/ 23																						16													
22/ 21																						28													
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  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-76,73-77

MOV

PAGE 2 0900-1100

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																
20/ 19																																				30
18/ 17																																				18
16/ 15																																				19
14/ 13																																				6
12/ 11																																				9
10/ 9																																				3
8/ 7																																				5
6/ 5																																				1
TOTAL	1.4	8.4	11.3	10.9	8.1	6.5	7.0	5.4	6.6	5.2	5.8	7.0	5.6	4.3	2.4	1.1	0.7																			900
																																				900

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of hours with Temperature					Total
						≥ 30 F	≥ 32 F	≥ 67 F	≥ 70 F	≥ 80 F	
Rel. Hum.	2604204	42550	47.3	5.673	900						
Dry Bulb	3546060	55842	62.0	9.507	900			29.0	13.6	3.2	90
Wet Bulb	2239173	44639	49.6	5.287	900						90
Dew Point	1373496	33638	37.4	1.372	900			29.9			90

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23117 MARCH APR CA/RIVERSIDE

6-7, 73-77

NOV

PAGE 1 1200-1400

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.	Dew Point	Wet Bulb	Dew Point			
92/ 91																																				1	1			
90/ 89																																					5	5		
88/ 87																																					25	25		
86/ 85																																					28	28		
84/ 83																																					43	43		
82/ 81																																					52	52		
80/ 79																																					49	49		
78/ 77																																					71	71		
76/ 75																																					59	59		
74/ 73																																					57	57		
72/ 71																																					59	59		
70/ 69																																					59	59	1	
68/ 67																																					50	50		
66/ 65																																					50	50	4	
64/ 63																																					56	56	7	
62/ 61																																					52	52	30	
60/ 59																																					57	57	46	
58/ 57																																					36	36	75	
56/ 55																																					35	35	138	
54/ 53																																					24	24	143	
52/ 51																																					14	14	124	
50/ 49																																					12	12	108	
48/ 47																																					3	3	71	
46/ 45																																					2	2	66	
44/ 43																																							48	54
42/ 41																																						24	55	
40/ 39																																						3	55	
38/ 37																																						3	31	
36/ 35																																						2	40	
34/ 33																																							39	
32/ 31																																							48	
30/ 29																																							45	
28/ 27																																							54	
26/ 25																																							58	
Element (X)	Z <sub>x</sub> <sup>2</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 (01 A) REVISION 10-66 (SEE INSTRUCTIONS)

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110 STATION MARCH AFB CA/RIVERSIDE STATION NAME 66-73-73-77 YEARS NOV MONTH

PAGE 2 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
24/ 23																																							28
22/ 21																																							24
20/ 19																																						39	
18/ 17																																						17	
16/ 15																																						11	
14/ 13																																						19	
12/ 11																																						5	
10/ 9																																						4	
8/ 7																																						2	
6/ 5																																						3	
2/ 1																																						1	
TOTAL	.6	2.0	3.0	3.9	8.0	8.6	8.0	4.6	5.1	2.6	5.9	8.7	8.9	6.9	8.3	5.7	6.4																		900	900	900		
Element (X)	Σx <sup>2</sup>	Σx	Σ̄	σ <sub>x</sub>	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Rel. Hum.	1473757	30973	34.42	1.299	900																																		
Dry Bulb	4506385	63053	70.1	9.948	900			55.9	39.1	18.2		90																											
Wet Bulb	2468169	46893	52.1	5.261	900			.1				90																											
Dew Point	287636	32408	36.0	1.585	900		35.8					90																											

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE

66-70, 73-77

MLV  
 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	2																
88/ 87												.1				.1	.7	8	8																
86/ 85												.2		.1	.2	.3	1.3	20	20																
84/ 83												.2	.1	.1	.7	.0	.6	22	22																
82/ 81										.1		.3	.3	.3	.4	.8	.1	22	22																
80/ 79										.3	.2	.6	.6	.7	.9	.6		34	34																
78/ 77								.2	.3	.8	.4	.4	.9	.6	1.7	.1		49	49																
76/ 75							.1	.4	.6	.7	.6	.9	1.3	1.6	.0			64	64																
74/ 73						.3	.4	.3	.7	1.2	.6	1.0	.8	.6	.1			54	54																
72/ 71					.1	.3	.7	.0	.2	.4	.9	.9	1.3	1.2	.1			61	61																
70/ 69					.1	.4	1.0	.3	1.1	.7	.3	.4	.8	.3				50	50																
68/ 67				.2	.9	1.0	1.3	.7	.7	.6	.7	.3	1.0	.1				67	67																
66/ 65				.2	.9	1.7	1.3	.6	.2	.7	.4	1.2	.8					72	72	2															
64/ 63			.2	.6	1.6	1.0	.6	.0	.6	.7	.7	.9	.3					68	68	10															
62/ 61		.1	.4	.2	1.4	1.7	.7	.4	.4	.1	.3	.2						55	55	32															
60/ 59	.1	.2	.8	1.9	2.0	1.2	1.0	.9	.4	.2	.6							84	84	53	2														
58/ 57	.1	.4	1.1	1.1	1.7	.7	.1	.4	.1	.1								53	53	77	15														
56/ 55		.4	.7	1.0	1.0	.3	.4	.2	.3		.4							44	44	112	21														
54/ 53		.7	.1	.6	.3	.2	.4	.1	.1									23	23	134	37														
52/ 51		.7	.2	.3	.0	.1	.3			.2								22	22	127	41														
50/ 49		.2	.2	.2	.4	.1												11	11	106	75														
48/ 47		.4	.1	.4				.1										10	10	81	52														
46/ 45				.3	.1													4	4	61	71														
44/ 43			.1															1	1	46	52														
42/ 41																				34	58														
40/ 39																				16	42														
38/ 37																				5	36														
36/ 35																				3	49														
34/ 33																					41														
32/ 31																				1	42														
30/ 29																					37														
28/ 27																					33														
26/ 25																					41														
24/ 23																					31														
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																																			

USAFETAC FORM 201 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

23110 MARCH AFB CA/RIVERSIDE

66-70, 73-77

NUV  
 MONTH

1800-2000  
 HOURS C. S. T.

Temp F1	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
82/ 81																	.1		1	1														
80/ 79																	.1		1	1														
78/ 77																			1	1														
76/ 75									.1								.1	.2	3	8														
74/ 73																		.2	5	6														
72/ 71								.1	.1	.1	.3	.7	.8	.4				.2	23	23														
70/ 69								.1	.3	.4	.1	.7	.6	.2					22	22														
68/ 67				.1	.4	.6	.2	.2	.3	.7	.4	.2	.3						32	32														
66/ 65			.1	.2	.2	.1	.3	.4	1.6	.2	1.0	.1	.1						47	47														
64/ 63		.1	.3	1.3	.7	.7	.7	1.0	.7	.6	1.1	1.1							74	74														
62/ 61		.1	.6	1.2	1.3	1.2	.8	.7	.9	.9	.7	.9	.1						84	84	4													
60/ 59		.4	1.8	1.4	1.9	.4	.7	.2	.6	1.0	.7	.1							83	83	18	3												
58/ 57	.3	2.1	3.1	2.4	1.4	.9	.6	.4	.7	1.0	.1								120	120	42	9												
56/ 55	.1	1.0	2.6	2.1	1.2	1.0	.4	.4	.9	.2	.1								96	96	53	41												
54/ 53	.6	1.7	2.8	2.8	.6	.4	.3	.6	.7	.2									95	95	107	31												
52/ 51	.1	1.0	2.3	1.6	.9	.4	.6	.2	.4	.1									69	69	123	63												
50/ 49		1.7	2.3	1.0	.6	.3	.3	.3											61	61	111	70												
48/ 47		.7	1.2	1.0	.4	.3		.2	.2										37	37	117	59												
46/ 45		.3	.4	.9	.1			.2	.1										22	22	90	70												
44/ 43		.3	.4	.3		.1		.1											12	12	66	65												
42/ 41		.1	.6																8	8	64	60												
40/ 39		.2	.1																3	3	58	34												
38/ 37																					24	44												
36/ 35																					9	55												
34/ 33																					3	47												
32/ 31																					5	22												
30/ 29																					1	26												
28/ 27																						20												
26/ 25																						25												
24/ 23																						32												
22/ 21																						17												
20/ 19																						24												
18/ 17																						20												
16/ 15																						27												
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 (OLA) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE  
STATION MONTH STATION NAME

66-70, 73-77  
YEARS

MJV  
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			
14/ 13																																	10		
12/ 11																																	0		
10/ 9																																	6		
8/ 7																																	6		
4/ 3																																	0		
2/ 1																																	2		
TOTAL	1.1	11.0	31.9	21.6	41.0	0.0	6.6	5.3	5.3	7.7	2.7	4.9	4.0	2.2	.7	.3	.2															900			
																																900			
																																	900		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3292814	49656	55.22	4.805	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	3025261	51799	57.6	6.996	900			9.4	1.7	.1		90																							
Wet Bulb	2128504	43460	48.3	5.764	900			.6				90																							
Dew Point	1461858	34492	38.3	2.478	900			24.9				90																							

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

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 6-76, 73-77 NOV  
STATION MONTH  
 PAGE 1 2100-2300  
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31																			
74/ 73															.1																	1	1			
70/ 69															.1																	1	1			
68/ 67													.1		.2		.2		.2		.3											10	10			
66/ 65													.1		.1		.4															6	6			
64/ 63								.4		.2		.2	.8		.6		.8															27	27			
62/ 61		.4					.3	.2	.3	.1	.4	.4	.3		.3																	28	28			
60/ 59		.2	.7	.6	.4		.8	.7	1.0	.7	.4	.7	.1																		56	56	5	1		
58/ 57	.7	1.2	1.0	.7	.6	.7	1.1	.3	1.2	.3	.1	.1																			71	71	8	11		
56/ 55	.1	2.1	3.3	1.1	.6	.9	1.0	.9	.8	.1																					98	98	32	9		
54/ 53	.8	3.6	2.9	1.1	.4	.9	1.3	.7	.6	.3																					113	113	50	27		
52/ 51	1.1	3.9	4.6	1.2	1.0	.9	.7	.3	.9	.1																					134	134	68	57		
50/ 49	.4	3.0	3.7	.4	.8	.8	1.1	1.0	.2																						103	103	99	55		
48/ 47	.1	3.2	2.6	1.8	.7	.7	.6																								36	86	106	64		
46/ 45		2.0	1.0	1.2	.4	.3	.9	.1	.2																						56	56	120	92		
44/ 43	.1	1.6	1.8	1.0	.7	.4	.2	.2																							54	54	97	64		
42/ 41		.9	1.6	.1		.1	.3																								27	27	91	50		
40/ 39		.4	.8	.2	.2	.1	.1	.1																							18	18	62	42		
38/ 37		.3	.6																												8	8	53	43		
36/ 35		.1																													1	1	37	54		
34/ 33					.1																										1	1	16	52		
32/ 31																																	9	38		
30/ 29																																4	4	30		
28/ 27																																1	1	29		
26/ 25																																1	1	29		
24/ 23																																			28	
22/ 21																																			18	
20/ 19																																			15	
18/ 17																																			26	
16/ 15																																			23	
14/ 13																																			15	
12/ 11																																			9	
10/ 9																																			6	
8/ 7																																			4	
6/ 5																																			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	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

6-7, 73-77

NOV

PAGE 2 2100-2300  
HOURS U.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																	
2/ 1																																						2
0/ -1																																					2	
TOTAL	3.323	0.074	4.0	5.0	6.7	7.0	8.8	4.9	5.3	2.8	2.1	1.0	.3	.1																					899	899	899	
Element (Y)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature											Total																				
Rel. Hum.	4137155	56673	63.0	25.072	899		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	2464310	46748	52.0	6.100	899				1.2	1			90																									
Wet Bulb	1873045	40691	45.3	5.901	899			1.5					90																									
Dew Point	1378368	33504	37.3	2.020	899		.2	27.8					90																									

USAF/ETAC FORM 700a JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS (IF THIS FORM ARE OBSOLETE)

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 STATION MARCH APR CA/RIVERSIDE STATION NAME 6-7, 73-77 YEARS NOV MONTH PAGE 1 ALL HOURS U.S.

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					
92/ 91																										.0	.0	1	1						
90/ 89																										.0	.1	2	8						
88/ 87															.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	34	34					
86/ 85															.0	.0	.1	.1	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	54	54					
84/ 83														.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	72	72					
82/ 81									.0	.0	.0	.1	.3	.1	.2	.3	.1	.2	.3	.1	.2	.3	.1	.2	.3	.1	.2	80	80						
80/ 79											.1	.1	.1	.1	.3	.2	.4	.2	.0	.1	.2	.3	.3	.3	.3	.3	.3	102	102						
78/ 77				.0			.0	.2	.2	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	147	147						
76/ 75						.0	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	167	167						
74/ 73						.1	.1	.1	.1	.3	.3	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150	150						
72/ 71					.0	.1	.2	.2	.2	.3	.3	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	195	195						
70/ 69					.0	.1	.3	.2	.3	.3	.3	.3	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	191	191	1					
68/ 67				.1	.3	.3	.4	.3	.2	.4	.4	.4	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	217	217						
66/ 65			.0	.1	.3	.5	.5	.2	.4	.3	.3	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	247	247	6	1				
64/ 63		.0	.1	.3	.6	.5	.4	.3	.4	.4	.4	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	308	308	20					
62/ 61		.2	.2	.2	.8	.8	.5	.3	.5	.3	.5	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	325	325	79					
60/ 59	.1	.2	.7	.9	.9	.0	.5	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	407	407	153	19				
58/ 57	.4	.7	.9	.9	.8	.7	.5	.3	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	447	447	274	66				
56/ 55	.1	1.2	1.5	1.0	.8	.0	.5	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	486	486	447	118				
54/ 53	.5	2.1	1.5	1.1	.4	.5	.7	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	558	558	630	188				
52/ 51	.0	2.1	1.9	.9	.7	.6	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	586	586	754	340				
50/ 49	.4	2.1	1.7	.9	.8	.6	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	542	542	759	450				
48/ 47	.2	2.4	1.4	.9	.6	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	479	479	708	467				
46/ 45	.3	2.4	.9	.9	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	422	422	732	581				
44/ 43	.3	1.6	.9	.6	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	313	313	646	472				
42/ 41	.1	1.1	1.0	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	228	228	574	471				
40/ 39	.1	.7	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	165	165	466	411				
38/ 37	.1	.5	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103	103	351	357				
36/ 35	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	69	69	236	383				
34/ 33	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	53	53	160	356				
32/ 31	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	28	108	358				
30/ 29	.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	9	9	56	307				
28/ 27																																27	310		
26/ 25																																11	304		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23119 MARCH AFB CA/RIVERSIDE 6-7, 73-77 NDV  
STATION STATION NAME YEARS MONTH

PAGE 2 ALL  
HOURS D.D.S.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL HOURS		
	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																
24/ 23																																			1	203	
22/ 21																																				207	
20/ 19																																				212	
18/ 17																																				179	
16/ 15																																				138	
14/ 13																																				90	
12/ 11																																				80	
10/ 9																																				41	
8/ 7																																				42	
6/ 5																																				17	
4/ 3																																				10	
2/ 1																																				0	
0/ -1																																				5	
TOTAL	3.4	18.3	14.2	9.9	8.7	7.8	0.7	4.4	4.7	4.0	3.8	4.1	3.2	2.2	2.0	1.2	1.3																		7199	7199	7199

Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	27350162	398322	55.327	1.63	7199							
Dry Bulb	23958606	406782	56.511	1.628	7199		3.7	142.4	82.1	30.3		720
Wet Bulb	16098204	336602	46.8	1.071	7199			20.3	.1			720
Dew Point	10646351	263543	36.611	1.778	7199		.3	251.9				720

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAF

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

6-7, 73-77

REC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200  
 HOURS U.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									1	1																
62/ 61									.1		.1							2	2	1															
60/ 59		.3						.1	.1		.1							5	6	1															
58/ 57		.2	.1					.1	.3	.3	.3							13	13	2	3														
56/ 55		.4	.2				.5	.5	.2	.2	.2	.2						24	24	2															
54/ 53		1.0	1.7	.2			.1	.3	.1	.5	.2							41	41	8	5														
52/ 51	.2	.9	.4	.4	.3	.9	.3	.3	.3	.3	.2							40	40	14	10														
50/ 49	.2	2.7	1.3	.8	.9	.9	.2	.5	.1									74	74	32	16														
48/ 47	.4	2.8	1.4	1.5	1.4	.4	1.2	.2										88	88	35	36														
46/ 45	.3	2.7	2.2	1.5	1.1	1.0	.3	.5										90	90	60	30														
44/ 43	.5	3.4	2.2	2.4	.9	1.2	.4	.3										105	105	70	39														
42/ 41	1.9	3.8	2.5	1.7	1.2	1.3	.3											119	119	114	66														
40/ 39	1.0	3.1	2.7	1.5	1.3	.3	.4											91	91	108	58														
38/ 37	.3	3.0	2.5	1.6	1.8	.3												89	89	113	50														
36/ 35	.1	2.8	1.9	1.8	.4	.2												68	68	98	64														
34/ 33	.1	2.6	1.1	.4	.1	.2												37	37	93	66														
32/ 31		.4	1.0	.6	.3													22	22	33	81														
30/ 29		.2	.3	.3	.2													10	10	45	69														
28/ 27	.1	.2	.3	.1														7	7	21	54														
26/ 25																				14	43														
24/ 23		.2																2	2	12	29														
22/ 21			.1															1	1	1	35														
20/ 19																				1	43														
18/ 17																					35														
16/ 15																					28														
14/ 13																					21														
12/ 11																					10														
10/ 9																					13														
8/ 7																					10														
6/ 5																					11														
4/ 3																					2														
2/ 1																					3														
TOTAL	5.330	22.221	4.6	9.9	7.3	4.5	2.9	1.7	1.0	.4								930	930	930	930														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4623152	62150	66.82	2.488	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93																							
Dry Bulb	1776531	40171	43.2	6.672	930		4.2	.1	.1			93																							
Wet Bulb	1401660	35614	38.3	6.382	930		17.7					93																							
Dew Point	1017264	29048	31.2	10.880	930		48.7					93																							

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

REC

STATION STATE OR NAME

YEARS

UNIT

PAGE 1 0300-0500

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	.2	.4	.6	.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	> 3.1	D.B. W.B.	Wet Bulb	Dew Point	Total	Total																
62/ 61		.1															.1																	2	2			
60/ 59		.2															.1																		3	3		
58/ 57		.1						.3	.1	.2	.2					.2																		11	11	2	3	
56/ 55		.9	.4	.1				.2	.1	.1						.1																		17	16	3	1	
54/ 53		.3	1.1					.1	.1	.1	.4	.3	.2			.2																		25	25	7	8	
52/ 51	.3	1.1	.6	.3	.6	.2	.1	.1	.1	.3						.3																		31	31	17	4	
50/ 49		2.4	.9	.4	.4	1.0	.1	.1																										49	49	29	11	
48/ 47	1.1	1.5	.6	.6	.5	1.0	.4	.1																										56	56	42	36	
46/ 45	.9	2.8	1.0	1.8	.6	.9	.6	.2																										82	82	35	34	
44/ 43	1.3	3.1	2.4	1.9	.5	1.1	.3	.2																										101	101	54	32	
42/ 41	.8	2.7	2.7	2.3	1.6	1.0	.2	.1																										105	105	77	26	
40/ 39	1.3	3.3	3.1	1.7	1.6	.8	.2																											112	112	91	45	
38/ 37	1.0	4.1	1.3	2.0	1.3	.3																												93	93	117	54	
36/ 35	.5	3.0	2.2	1.0	.5	.2																												69	69	111	62	
34/ 33	.5	3.2	2.4	1.1	.4																													71	71	100	74	
32/ 31		1.6	2.4	.6	.6																													50	50	88	81	
30/ 29	.3	1.3	.5	.2	.1																													23	23	75	71	
28/ 27	.2	.2	1.3	.1																														17	17	41	67	
26/ 25		.3	.1	.1																														5	5	20	42	
24/ 23		.3		.1																														4	4	13	47	
22/ 21			.2																															2	2	4	30	
20/ 19			.1																															1	1	3	51	
18/ 17																																					2	30
16/ 15																																						33
14/ 13																																						23
12/ 11																																						5
10/ 9																																					16	
8/ 7																																					7	
6/ 5																																					10	
4/ 3																																					3	
2/ 1																																					4	
TOTAL		8.232	6.23	3.14	6.8	8.6	7.0	2.4	1.3	1.0	.3	.8																							930	930	930	
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature									Total																							
Rel. Hum.	4938907	64805	69.72	1.341	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																										
Dry Bulb	1615274	38210	41.1	6.989	930		10.2					93																										
Wet Bulb	1308881	34315	36.9	6.782	930		25.1					93																										
Dew Point	973948	28400	30.5	10.716	930		52.0					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

43119 MARCH 1973 RIVERSIDE 6-7, 73-77 DEC 1973  
STATION NAME YEAR MONTH-DAY-YY

DATE 1 0000-0000  
HOURS 0-24

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.	Dr. Bulb	Wet Bulb	Dew Point		
62/ 61																																			3	3		
60/ 59			.4									.1	.1	.1	.1	.3																		11	11			
58/ 57			.4							.1	.3	.1																						9	9	4	5	
56/ 55			.4	.3	.1					.3	.1	.1	.2																					15	15	4	2	
54/ 53			.2	.3	.2	.2	.5	.3		.4	.3	.2																						20	29	2	5	
52/ 51			.5	.2	.3	.4	.4	.3	.3	.2	.2																							36	36	8	3	
50/ 49			1.6	1.1	.8	.4	.3	.1	.3																									43	43	20	6	
48/ 47		.1	2.0	.9	.5	.5	.6	.7	.5																									65	65	35	23	
46/ 45		.5	2.8	.5	1.4	1.3	.4	.1	.4																									77	72	51	35	
44/ 43		1.3	3.3	1.7	1.9	.9	1.3	.4																										101	101	57	39	
42/ 41		.4	4.3	3.0	1.5	.9	1.1		.2																									107	107	62	33	
40/ 39		1.2	2.2	2.5	1.0	2.2	.4	.1																										100	100	101	61	
38/ 37		1.1	3.2	2.0	1.6	1.6	.2																											96	96	103	57	
36/ 35		1.1	2.8	1.0	1.2	1.0																												71	71	108	76	
34/ 33		.4	2.8	2.3	1.5	.1																												65	60	100	67	
32/ 31		.6	2.5	1.8	.7	.2																												57	52	95	70	
30/ 29		.2	1.1	.6	.3	.1																												22	22	73	75	
28/ 27		.8	1.0	.2																														18	18	45	67	
26/ 25		.2	.1	.2																														5	5	16	53	
24/ 23		.1	.1																															2	2	11	35	
22/ 21		.1	.3																															4	4	5	34	
20/ 19		.1																																1	1	3	39	
18/ 17		.1																																1	1	4	46	
16/ 15																																						43
14/ 13																																						12
12/ 11																																						7
10/ 9																																						18
8/ 7																																						6
6/ 5																																						3
4/ 3																																						3
2/ 1																																						6
TOTAL		7.4	33.222	134.1	9.9	5.9	2.8	2.4	1.0	.6	.5	.1																							929	929	929	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	4863260	64192	69.12	1.489	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93
Dry Bulb	1628482	38300	41.2	7.302	929		10.5					93
Wet Bulb	1304977	34259	36.9	6.693	929		25.2					93
Dew Point	953750	28234	30.4	10.416	929		51.8					93

USAF ETAC FORM 0-26-5 (OL A) 101 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23119 MARCH PER CA/RIVERSIDE 66-70, 73-77 DEC  
 STATION MONTH YEARS PAGE 1 0900-1100  
 HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27	28,29	30	31	D.B. W.B. Diff	Bulb	Wet Bulb	Dew	Point																				
60/ 79													.1																						1	1							
78/ 77												.2			.1																				3	3							
76/ 75											.1				.2																				3	3							
74/ 73											.1	.2			.2	.1																			6	5							
72/ 71								.1			.3	.2	.4		.1	.4																			15	15							
70/ 69									.2		.2	.2	.2	.2	.3																				19	19							
68/ 67								.2	.5	.3	.5	.2	.8																						33	33							
66/ 65								.2	.6	.0	.4	1.3	.2																						38	38							
64/ 63			.2					.1	.5	.3	.4	.9	1.0	.1																					33	33							
62/ 61		.2	.1				.1	.6	.6	1.4	.8	1.1	1.0	.1																					56	56							
60/ 59		.5	.1	.2	.3	.2	1.0	.5	.5	1.0	.5	.5	1.0	.5	.1																				54	54	7	1					
58/ 57		.3	.2	.4	.6	1.1	1.2	1.4	1.3	.9	.4	.1																							74	74		7					
56/ 55		.1	1.4	1.3	.8	1.0	.8	.9	1.0	.4	.4																								74	74	12	3					
54/ 53		.5	1.7	1.1	1.2	1.5	.9	1.3	.1	.1																									79	79	27	5					
52/ 51		.3	1.1	2.3	1.6	1.1	1.0	.4	1.1	.5	.1																								92	93	56	5					
50/ 49		.2	1.7	1.5	1.4	.6	.8	.9	.4	.4																									74	74	39	23					
48/ 47		.2	2.2	2.0	.9	.6	.8	.4	.3	.1																									71	71	129	36					
46/ 45		.4	3.0	1.2	1.7	.5	.5	.5	.2																										76	76	124	53					
44/ 43		.2	1.6	1.3	1.0	.8	.3	.6																											54	54	150	61					
42/ 41		.4	1.3	.4	.8	.2	.1	.2																											32	32	98	82					
40/ 39			.9	.1	.2	.1	.1																												13	13	65	70					
38/ 37		.1	1.2	.2	.2	.1	.1																												17	17	56	55					
36/ 35			.1	.4	.1	.2																														8	8	43	66				
34/ 33		.1	.1		.1																															3	3	22	31				
32/ 31																																							13	55			
30/ 29																																						6	45				
28/ 27		.1																																					1	1			
26/ 25																																								4	29		
24/ 23																																									1	39	
22/ 21																																										26	
20/ 19																																									48		
18/ 17																																									39		
16/ 15																																									36		
14/ 13																																									20		
																																									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 7-64 0-26-S (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAF

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 70-7,73-77

PAGE 2 3900-110  
 REC MONTH

Temp °F	WET BULB TEMPERATURE DEPRESSION - F																															TOTAL			TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dep P.			
12/ 11																																						1	
10/ 9																																						1	
8/ 7																																							
6/ 5																																							
4/ 3																																							
2/ 1																																							
TOTAL	1.9	14.9	3.5	11.2	7.5	8.5	7.0	5.9	6.6	5.9	4.9	3.7	2.3	1.2																						930	930	930	930
Element (X):	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.			Mechs No. of hours with Temperature											Total																				
Rel. Hum.	3122961	482771	51.925	7.681	930			≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	2752052	499581	53.71	8.580	930				0.1	8.6	1.3			93																									
Wet Bulb	1839896	410381	44.11	5.589	930				2.4					93																									
Dew Point	1122590	305601	32.93	1.289	930				40.2					93																									

USAF ETAC FORM 0-26-5 (01 A) 25-11-60 (Rev. 11-60)

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23110 MARCH AFB CA/RIVERSIDE

6-70, 73-77

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																			
84/ 83														.3																		3	3						
82/ 81														.2										.1	.2								6	6					
80/ 79														.2									.1	.2	.2		.3						8	8					
78/ 77														.2										.2	.2	.6	.3	.4						17	17				
76/ 75													.2	.1									.2	.3	.9	.2	1.2							29	29				
74/ 73												.1	.1	.5	1.1	.6	1.5	1.4																50	50				
72/ 71													.4	.8	.8	1.1	.5	2.2	.2															55	55				
70/ 69													.9	1.6	1.9	.9	1.5	.9																71	71				
68/ 67											.2	.4	.8	1.1	.8	1.8	1.9	.1																65	65				
66/ 65									.3	.3	.3	1.6	1.3	1.0	1.3	1.0																		66	66				
64/ 63			.1		.6	.4	.4	1.4	1.6	1.2	1.4	1.1																						81	81				
62/ 61		.3		.4	.6	1.1	.8	1.2	1.3	1.4	.9	.8																						83	83	2			
60/ 59		.4	.3	1.1	1.7	1.1	1.1	.6	.3	.9	.5	.1																						76	76	10	3		
58/ 57	.1	.1	.2	1.9	1.6	1.1	.4	.4	.3	.5	.5	.1																						69	69	14	5		
56/ 55		.1	.6	1.4	1.5	.2	.1	.4	1.0	.2	.4																							56	56	36	2		
54/ 53		.3	1.0	1.1	.8	.9	.3	.5	.2	.6																								53	53	72	0		
52/ 51	.3	.1	1.0	.8	1.0	.5	.1	.4	.9	.1																								48	48	144	10		
50/ 49		.3	.8	.0	.4	.5	.2	.1	.1																									32	32	121	26		
48/ 47	.2	.9	.9	.4	.4	.2		.4																										32	32	152	41		
46/ 45		.6	.5	.3	.2																													14	14	138	47		
44/ 43		.1	.2		.2	.1																												6	6	88	58		
42/ 41		.1			.2	.1	.1																											5	5	59	59		
40/ 39	.1					.1	.1																											3	3	40	57		
38/ 37																																					20	49	
36/ 35		.2																																	2	2	21	60	
34/ 33																																					10	67	
32/ 31																																						40	
30/ 29																																					2	41	
28/ 27																																						46	
26/ 25																																						27	
24/ 23																																						26	
22/ 21																																						41	
20/ 19																																						50	
18/ 17																																						53	
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 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE 66-70273-77 9EC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 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
16/ 15																					41
14/ 13																					20
12/ 11																					7
10/ 9																					25
8/ 7																					10
6/ 5																					3
4/ 3																					9
TOTAL	3.9	5.4	8.4	9.4	7.1	4.2	0.7	9.4	4.9	0.9	9.0	6.9	6.2	3.4	.5			930		930	
																		930			930

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1816875	35225	37.922	8.794	930							
Dry Bulb	3648660	57692	62.0	8.666	930			30.4	11.3	1.2		93
Wet Bulb	2112163	44053	47.4	5.231	930						0.3	93
Dew Point	1063554	29402	31.612	2.010	930			43.9				93

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 STATION     MARCH AFB CA/RIVERSIDE STATION NAME     66-73-77 YEARS     DEC MONTH  
PAGE 1     1500-1700 HOURS U.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	1		
82/ 81													.1																				1	1		
80/ 79													.1	.2	.1												.2	.2					6	6		
78/ 77													.1	.1	.1	.2	.1	.1									.2	.1	.1				7	7		
76/ 75													.2	.2	.4	.2	1.0										.2	1.0					19	19		
74/ 73												.1	.1	.6	.3	.6	.5										.6	.5					24	24		
72/ 71								.2	.3	.5	.3	1.2	.5	.8																		36	36			
70/ 69								.1	.6	1.0	1.1	.4	1.2	1.0																		50	50			
68/ 67						.1			1.0	1.0	.5	.5	1.3	1.0																		50	50			
66/ 65						.3	.3	.8	1.2	1.6	1.1	1.4	.5																			67	67			
64/ 63					.1	.4	.5	1.6	1.5	1.7	.5	1.1	.2																			72	72			
62/ 61		.5		.2	1.2	1.1	1.3	1.2	1.0	.6	1.2	.8																				84	84			
60/ 59		.1	.4	1.1	1.5	1.2	.6	1.5	.5	.6	.5	.2																				78	78	9	3	
58/ 57		.4	1.1	1.5	1.8	1.3	.9	1.5	.6	.3	.6	.1																				95	95	9	2	
56/ 55		.1	.8	2.2	1.4	.5	.4	.6	.4	.8	.5																					72	72	31	2	
54/ 53	.1	.3	2.3	1.5	1.1	1.1	.5	.2	.5	.5																						76	76	69	10	
52/ 51	.2	.5	1.1	1.0	1.4	.2	1.0	.4	.6																							60	60	120	10	
50/ 49		.6	1.0	.9	1.0	.2	.2	.1	.5																							45	45	135	28	
48/ 47		1.0	1.0	.6	.5	.2	.4	.1	.4																							40	40	132	42	
46/ 45	.2	.3	.9	.5	.4	.3		.1																								26	26	137	70	
44/ 43		.1	.1		.1	.2																										5	5	101	60	
42/ 41		.2	.1		.1																											4	4	62	62	
40/ 39		.1	.1		.1		.1																									4	4	45	60	
38/ 37				.2		.1																										3	3	33	59	
36/ 35			.1	.1		.1																										3	3	22	57	
34/ 33																																			11	56
32/ 31																																		6	44	
30/ 29																																		2	43	
28/ 27																																			1	43
26/ 25																																		1	32	
24/ 23																																				27
22/ 21																																				38
20/ 19																																				38
18/ 17																																				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) 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE  
STATION STATION NAME

66-70, 73-77  
YEARS

DEC  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					30
14/ 13																					22
12/ 11																					12
10/ 9																					9
8/ 7																					19
6/ 5																					9
4/ 3																					6
2/ 1																					2
TOTAL	0.5	4.4	8.8	9.8	10.8	7.4	0.7	7.5	9.5	5.5	7.0	7.5	4.0	2.9	1.0	.1		928	928	928	928
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2145915	39195	42.223	3.002	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3353265	55255	59.5	8.262	928			19.4	5.8	.4		93									
Wet Bulb	2054854	43376	46.7	5.437	928		1.0					93									
Dew Point	1123181	30285	32.6	2.061	928		40.8					93									

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

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH APR CA/RIVERSIDE

66-7, 75-77

REC

PAGE 1 1800-2000

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														
70/ 69											.1							1	1																
68/ 67							.1	.2	.1									4	4																
66/ 65				.1				.2	.1	.1	.2							7	7																
64/ 63						.2	.3	.3	.3	.2								16	16																
62/ 61		.1	.1			.1	.6	.8	.5	.5	1.0	.3						32	38	1															
60/ 59		.8	.1	.2	.1	.3	1.0	.6	1.0	.9	1.0	.1						56	56	4															
58/ 57		.1	.5	.4	.4	1.0	.6	1.1	.5	.2	.6							69	69	5	8														
56/ 55		.9	.8	.6	1.1	1.0	1.8	.8	1.2	.4	.1							80	80	4	3														
54/ 53		.2	3.0	1.0	1.4	1.3	1.2	1.1	.5	.3	.3							96	96	20	4														
52/ 51		1.5	2.4	1.5	1.4	1.6	.8	.9	.9	.3								104	104	30	12														
50/ 49	.6	1.8	2.9	1.3	1.2	1.6	1.2	.3	.4									106	106	78	22														
48/ 47	.4	2.2	2.7	1.3	1.5	1.6	1.1	.4	.3									101	101	103	47														
46/ 45	.1	4.1	1.9	1.4	1.7	1.2	.3	.9										108	108	114	50														
44/ 43	.1	2.0	1.9	1.1	.6	.8	.4	.2										67	67	138	48														
42/ 41		.9	1.5	.8	.1	.4	.4											38	38	136	70														
40/ 39		1.0	.5		.1													15	15	102	80														
38/ 37			.4	.5	.1													10	10	61	52														
36/ 35		.1	.1	.3	.1	.1												7	7	51	87														
34/ 33			.1		.1	.1												3	3	22	43														
32/ 31																				25	60														
30/ 29																				8	47														
28/ 27		.1																1	1	1	41														
26/ 25																				3	31														
24/ 23																				1	30														
22/ 21																					31														
20/ 19																					23														
18/ 17																					37														
16/ 15																					22														
14/ 13																					24														
12/ 11																					13														
10/ 9																					6														
8/ 7																					8														
6/ 5																					20														
4/ 3																					2														
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2311- MARCH AFB CA/RIVERSIDE

1973-77

REC

PAGE 1 2100-2300  
HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Drv Bulb	Wet Bulb	Dew Po.														
62/ 61							.1		.1	.1	.4						7	7																	
60/ 59		.4					.1	.2	.2	.4	.3						19	19	3																
58/ 57		.4	.2	.1		.2	.6	.2	.4	.5							26	26	1	3															
56/ 55		.4	.6	.4	.2	.9	.6	.5	.6	.7	.2						46	46	4	2															
54/ 53		.3	1.5	.3	.6	.6	.3	.8	1.1	.3	.1						56	56	7	3															
52/ 51	.2	1.3	1.9	1.0	1.5	.5	.5	.1	1.0	.1							71	71	17	5															
50/ 49	.8	1.7	1.6	1.2	1.6	1.2	.8	.9	.2								92	92	46	22															
48/ 47		2.9	1.7	1.9	1.3	1.3	1.4	.6	.1								105	105	39	26															
46/ 45	.4	4.6	1.6	1.9	1.3	1.3	1.6	.8	.1								127	127	56	46															
44/ 43	1.0	4.3	2.2	1.7	.4	1.6	.3	.2									109	109	112	45															
42/ 41	1.1	3.6	2.5	1.3	1.0	.9	.5										100	100	138	55															
40/ 39	.2	3.0	1.4	1.5	1.1	.6	.2										76	76	124	64															
38/ 37	.2	1.4	1.2	1.0	.3	.1											39	39	93	72															
36/ 35	.1	.9	.6	.6	.2	.1											24	24	102	80															
34/ 33	.1	.4	.6	.2	.6	.1											20	20	66	56															
32/ 31			.2	.2	.1												5	5	63	56															
30/ 29			.3	.1													4	4	24	51															
28/ 27		.1															1	1	12	38															
26/ 25																			8	37															
24/ 23																			2	31															
22/ 21																				37															
20/ 19																				29															
18/ 17																				38															
16/ 15																				28															
14/ 13																				24															
12/ 11																				16															
10/ 9																				7															
8/ 7																				10															
6/ 5																				15															
4/ 3																				3															
2/ 1																				3															
TOTAL	4.1	25.9	17.8	13.6	10.4	9.0	7.2	4.7	3.9	1.7	1.1						927	927	927	927															
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.	4150262	57894	62.5	4.026	927	≤ 3 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2011974	42796	46.2	6.257	927		1.0					93																							
Wet Bulb	1524464	37202	40.1	5.831	927		8.9					93																							
Dew Point	1057874	29516	31.8	1.292	927		42.4					93																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23119 MARCH AFB CA/RIVERSIDE

66-70, 73-77

DEC

PAGE 1

ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po														
84/ 83													.0	.0				4	4																
82/ 81												.0	.0	.0		.0		7	7																
80/ 79											.0	.1	.0	.0	.1			15	15																
78/ 77									.0	.0	.0	.1	.0	.1	.1	.1		28	28																
76/ 75								.0	.0	.0	.1	.1	.2	.1	.3	.2		51	51																
74/ 73								.0	.0	.0	.1	.2	.1	.3	.2			80	80																
72/ 71								.0	.1	.2	.2	.3	.1	.4	.0			106	106																
70/ 69								.0	.2	.3	.4	.2	.4	.3				141	141																
68/ 67						.0	.0	.2	.3	.4	.2	.4	.5	.0				152	152																
66/ 65				.0		.1	.1	.2	.5	.5	.3	.5	.2					178	178																
64/ 63			.0		.1	.2	.2	.5	.4	.5	.4	.4						202	202																
62/ 61		.2	.0	.1	.2	.4	.4	.6	.5	.5	.6	.3						275	275	4															
60/ 59		.4	.1	.3	.5	.4	.5	.5	.3	.5	.4	.1						303	303	35	7														
58/ 57	.0	.3	.3	.6	.6	.7	.5	.7	.5	.5	.3	.0						366	366	44	27														
56/ 55		.4	.0	.8	.6	.6	.6	.5	.6	.3	.3							385	385	96	15														
54/ 53	.0	.4	1.0	.7	.7	.8	.5	.5	.5	.2	.1							455	455	204	48														
52/ 51	.2	.9	1.3	.9	.9	.7	.4	.5	.6	.1								483	483	409	62														
50/ 49	.2	1.6	1.4	1.0	.6	.8	.5	.4	.2									515	515	553	154														
48/ 47	.3	2.0	1.4	1.0	.9	.7	.7	.3	.1									558	558	667	287														
46/ 45	.4	2.6	1.2	1.3	.9	.7	.4	.4	.0									595	595	745	365														
44/ 43	.6	2.3	1.5	1.3	.6	.8	.3	.1										548	548	770	382														
42/ 41	.0	2.1	1.0	1.0	.7	.6	.2	.0										510	510	766	483														
40/ 39	.5	1.8	1.3	.8	.8	.3	.1											414	414	696	495														
38/ 37	.3	1.6	1.0	.9	.6	.1												347	347	616	448														
36/ 35	.2	1.2	.8	.7	.3	.1												257	252	556	552														
34/ 33	.1	1.1	.5	.4	.2	.1												200	200	426	300														
32/ 31	.1	.6	.7	.3	.2													129	129	353	487														
30/ 29	.1	.3	.2	.1	.1													59	59	235	442														
28/ 27	.0	.2	.3	.1														45	45	126	385														
26/ 25		.1	.0	.0														10	10	63	304														
24/ 23		.1	.0	.0														8	8	44	253														
22/ 21		.0	.1															7	7	10	294														
20/ 19		.0	.0															2	2	7	312														
18/ 17	.0																	1	1	6	310														
Element (X)	Z <sub>X</sub> <sup>2</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 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# PSYCHROMETRIC SUMMARY

23113 MARCH AFB CA/RIVERSIDE 6-7-73-78 ALL  
 STATION MONTH YEARS MONTH  
 PAGE 1 ALL  
 HOURS - 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														
10/109																		.0	1	1															
108/107																		.0	3	3	8														
105/105																.0	.0	.0	35	38															
104/103															.0	.0	.1	67	67																
102/101														.0	.0	.0	.1	133	133																
100/99													.0	.0	.1	.0	.2	274	274																
98/97												.0	.0	.1	.1	.1	.3	441	441																
96/95										.0	.0	.1	.1	.1	.1	.3	628	628																	
94/93								.0	.0	.1	.1	.1	.2	.2	.1	.3	871	871																	
92/91							.0	.0	.1	.2	.2	.2	.2	.2	.1	.3	1075	1075																	
90/89							.0	.1	.2	.2	.3	.2	.1	.1	.1	.2	1210	1210																	
88/87							.0	.0	.1	.2	.3	.2	.2	.1	.1	.2	1266	1266																	
86/85						.0	.0	.1	.2	.3	.3	.2	.1	.1	.1	.2	1367	1367																	
84/83						.0	.0	.1	.2	.3	.3	.2	.2	.1	.1	.1	1453	1453																	
82/81				.0	.0	.0	.0	.2	.3	.3	.3	.2	.1	.1	.1	.1	1603	1603																	
80/79			.0	.0	.0	.1	.3	.4	.3	.2	.2	.1	.1	.1	.1	.0	1784	1784																	
78/77			.0	.0	.0	.1	.2	.4	.4	.3	.2	.2	.1	.1	.2	.1	1983	1983	1																
76/75		.0	.0	.0	.1	.2	.4	.4	.4	.2	.2	.1	.2	.1	.2	.0	2231	2231	38																
74/73		.0	.0	.1	.2	.4	.5	.5	.3	.2	.2	.2	.2	.1	.0		2506	2506	166																
72/71		.0	.0	.1	.3	.6	.6	.4	.2	.2	.1	.2	.1	.0			2729	2729	518																
70/69		.0	.1	.2	.6	.6	.6	.3	.3	.2	.2	.1	.2	.1			3181	3181	1107																
68/67		.1	.2	.4	.8	.7	.5	.4	.2	.2	.2	.2	.0				3381	3381	1993																
66/65	.0	.1	.4	.7	.7	.7	.4	.2	.2	.2	.2	.1	.0				3673	3673	3154																
64/63	.0	.2	.6	.9	.8	.8	.4	.3	.2	.2	.2	.2	.0				3983	3983	3664																
62/61	.0	.5	.7	1.0	.7	.6	.3	.3	.3	.2	.2	.1	.0				4307	4307	4942																
60/59	.0	.8	1.3	1.1	.8	.5	.3	.3	.2	.2	.2	.0					5068	5068	5509																
58/57	.1	1.1	1.6	1.0	.6	.5	.3	.2	.2	.2	.1	.0					5179	5179	6054																
56/55	.1	1.4	1.6	1.0	.6	.4	.3	.2	.2	.1	.1						5194	5194	6655																
54/53	.2	1.5	1.7	.9	.4	.4	.2	.2	.2	.1	.0						5061	5061	6647																
52/51	.2	1.6	1.7	.7	.4	.3	.2	.2	.2	.1	.0						4862	4862	6795																
50/49	.2	1.6	1.5	.5	.4		.2	.1	.1	.0							4312	4313	6613																
48/47	.1	1.8	1.1	.5	.2		.2	.1	.0	.0							3899	3899	6394																
46/45	.1	1.9	.8	.3	.3	.2	.1	.1	.0								3588	3588	5876																
44/43	.2	1.4	.7	.4	.2	.2	.1	.0	.0								2784	2784	4934																
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>		X	X <sub>2</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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23113 MARC 1 AFB CA/RIVERSIDE 66-7 73-76 ALL  
STATION NAME YEARS MONTH

PAGE 2 ALL  
HOURS - 5

Temp F	WET SUBL 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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point							
42/ 41	.1	1.1	.0	.3	.2	.1	.1	.0										2231	2231	4194	5120							
40/ 39	.1	.9	.5	.3	.2	.1	.0	.0										1775	1775	3523	4366							
38/ 37	.1	.7	.3	.2	.1	.0	.0											1315	1315	2788	3673							
36/ 35	.1	.5	.1	.1	.1	.0	.0											871	871	2130	3460							
34/ 33	.0	.3	.2	.1	.0	.0												589	589	1482	2572							
32/ 31	.0	.2	.1	.0	.0	.0												311	311	951	2645							
30/ 29	.0	.1	.1	.0	.0													177	177	627	2318							
28/ 27	.0	.1	.0	.0	.0													110	110	325	2652							
26/ 25	.0	.0	.0	.0														39	39	105	1674							
24/ 23	.0	.0	.0	.0														17	17	53	1364							
22/ 21	.0	.0	.0	.0														13	13	24	1311							
20/ 19	.0	.0	.0															5	5	15	1221							
18/ 17	.0																	1	1	9	1074							
16/ 15		.0																1	1	1	876							
14/ 13																					532							
12/ 11																					385							
10/ 9																					345							
8/ 7																					212							
6/ 5																					141							
4/ 3																					98							
2/ 1																					69							
0/ -1																					44							
-2/ -3																					29							
-4/ -5																					9							
TOTAL	1.9	17.9	16.2	11.1	8.8	7.5	6.1	5.3	4.7	4.0	3.5	3.1	2.6	2.0	1.7	1.2	2.5	87615	87615	87615	87615							

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	349773631	5093445	58.124	750	87615	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	345821525	5351063	61.114	730	87615		67.32	225.6	896.4	138.6	246.2	8760
Wet Bulb	238147586	4492486	51.3	9.432	87615		223.2	382.5	20.5			8760
Dew Point	174364816	3764910	43.011	984	87615	8.21	659.8	22.3	.3			8760

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AF

### MEANS AND STANDARD DEVIATIONS

DAY-BY-DAY TEMPERATURES DEGREE F FROM HOURLY OBSERVATIONS

2311- MURCH AFB CA/RIVERSIDE

JA-73, 73-73

STATION	STATION NAME	YEARS												
MPS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-32	MEAN	44.3	45.3	45.7	46.7	52.4	58.3	64.9	65.7	61.9	54.6	49.9	43.7	52.7
	S D	6.756	5.758	5.537	5.005	4.644	4.375	4.502	5.291	5.403	5.445	5.140	6.672	9.624
	TOTAL OBS	930	840	929	900	927	900	930	930	930	900	929	900	930
03-05	MEAN	47.4	43.7	43.8	44.5	51.6	56.7	62.2	62.7	59.6	52.4	44.6	41.1	50.5
	S D	7.735	6.185	6.342	5.425	4.902	4.787	4.522	5.374	5.525	5.338	5.235	6.909	9.645
	TOTAL OBS	929	840	930	900	930	900	930	930	930	900	930	900	930
05-08	MEAN	47.4	47.7	45.4	48.3	50.5	61.3	68.4	67.1	62.9	54.4	47.0	41.2	53.5
	S D	7.493	6.511	6.502	6.582	7.008	7.504	7.006	7.411	7.429	6.998	7.574	7.302	11.846
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	929	10955
09-11	MEAN	57.1	55.0	56.0	60.9	64.5	75.0	83.5	82.5	77.0	70.0	62.0	53.7	66.5
	S D	7.944	7.980	8.354	8.631	9.321	11.247	7.836	8.744	10.300	9.690	9.507	8.580	14.133
	TOTAL OBS	930	840	930	900	930	900	930	930	898	930	900	930	10954
12-14	MEAN	67.9	62.0	62.2	67.0	75.3	82.5	90.7	90.3	84.6	77.7	70.1	62.0	73.9
	S D	8.559	8.982	9.165	9.396	10.957	10.827	8.293	7.510	9.472	9.495	9.948	8.666	14.165
	TOTAL OBS	930	840	930	900	930	900	930	930	898	930	900	930	10954
15-17	MEAN	59.7	62.1	62.2	66.3	74.2	81.5	88.7	88.3	82.7	75.4	67.1	59.5	72.4
	S D	8.287	8.483	8.738	8.967	10.794	9.885	5.792	6.781	8.302	8.683	9.307	8.262	13.500
	TOTAL OBS	929	840	930	899	929	900	930	928	900	930	900	928	10949
18-20	MEAN	51.4	53.8	54.2	57.0	64.7	71.3	78.3	77.4	72.1	64.6	57.6	50.9	62.5
	S D	6.503	6.010	6.508	7.003	8.037	8.325	5.941	6.367	7.121	6.513	6.996	6.373	11.799
	TOTAL OBS	930	840	930	899	930	900	930	927	900	930	900	927	10948
21-23	MEAN	47.1	48.9	48.8	50.2	57.1	62.7	69.5	69.4	65.2	58.0	52.0	46.2	56.3
	S D	6.764	5.301	5.364	4.948	5.579	5.754	4.808	5.413	5.761	5.429	6.100	6.257	10.027
	TOTAL OBS	930	840	930	900	930	900	930	926	900	930	899	927	10948
ALL HOURS	MEAN	51.2	51.8	52.3	55.1	62.7	68.7	75.8	75.4	70.7	63.4	56.5	49.7	61.1
	S D	10.183	10.133	9.969	10.998	11.919	12.692	11.910	12.123	11.899	11.951	11.628	10.670	14.730
	TOTAL OBS	7438	6767	7439	7198	7438	7200	7440	7431	7195	7439	7199	7431	87616

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAF

### MEANS AND STANDARD DEVIATIONS

RET-6 L3 TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25119 MARCH AFB FA/RIVERSIDE

66-7, 73-78

STATION	STATION NAME	YEARS												ANNUAL
HRS	S*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
00-72	MEAN	30.6	41.2	42.6	43.7	47.6	53.5	58.1	58.5	55.9	47.7	47.2	38.3	47.0
	S D	6.001	5.572	5.456	4.857	4.717	3.137	3.350	4.476	5.115	6.334	6.172	4.362	8.501
	TOTAL OBS	929	846	929	900	929	900	930	930	930	929	900	930	10952
03-05	MEAN	32.3	38.7	41.0	41.9	43.4	50.7	56.7	57.2	54.5	47.4	41.5	36.0	44.4
	S D	7.238	6.007	5.979	5.345	4.709	3.587	3.516	4.814	5.555	6.764	6.443	5.782	9.192
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
06-08	MEAN	32.2	39.2	42.2	44.3	51.4	55.2	59.8	59.2	56.3	48.6	42.3	36.9	47.9
	S D	7.171	5.911	6.009	4.853	4.393	3.524	3.644	4.941	5.426	6.477	6.403	6.695	9.739
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10955
09-11	MEAN	44.5	45.4	48.0	49.9	55.5	59.2	64.2	63.0	61.3	54.7	49.5	44.1	52.5
	S D	5.579	4.558	5.002	4.305	4.709	3.905	3.341	4.847	4.756	4.694	5.267	5.589	6.526
	TOTAL OBS	930	846	930	900	930	900	930	930	898	930	900	930	10954
12-14	MEAN	47.6	49.3	50.0	52.3	57.7	61.6	66.3	66.3	63.7	55.0	52.1	47.4	55.0
	S D	5.165	4.293	5.123	4.822	4.907	3.777	3.215	4.412	4.357	4.591	5.261	5.231	8.310
	TOTAL OBS	930	846	930	900	930	900	930	930	898	930	900	930	10954
15-17	MEAN	47.4	49.2	50.6	52.7	58.0	61.8	66.1	66.2	63.8	57.7	51.0	46.7	55.0
	S D	5.231	4.378	5.378	4.957	4.639	3.550	2.946	3.946	4.170	4.823	5.577	5.437	8.331
	TOTAL OBS	929	846	930	899	928	900	930	928	908	930	900	928	10949
18-20	MEAN	47.9	46.2	47.8	49.3	54.9	59.0	63.2	63.0	60.4	54.1	48.3	42.9	52.0
	S D	5.777	4.619	5.200	4.516	4.354	3.383	2.998	4.003	4.328	5.266	5.764	5.545	8.488
	TOTAL OBS	930	845	930	899	930	900	930	927	900	930	900	927	10948
21-23	MEAN	41.5	43.5	44.5	46.0	51.7	53.7	60.3	60.0	57.7	50.0	45.3	40.1	49.9
	S D	6.218	4.845	5.051	4.239	4.039	3.085	3.022	4.092	4.620	5.700	5.901	5.831	8.526
	TOTAL OBS	930	846	930	900	930	900	930	926	900	930	899	927	10948
ALL HOURS	MEAN	42.6	44.4	45.9	47.5	53.4	57.3	61.8	61.9	59.2	52.3	46.8	41.7	51.2
	S D	7.166	6.232	6.426	6.067	5.649	4.518	4.726	5.523	5.874	6.700	7.071	7.155	9.432
	TOTAL OBS	7437	6767	7439	7198	7438	7200	7440	7431	7196	7439	7199	7431	87617

DATA PROCESSING BRANCH  
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### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2311- MARCH APR CA/RIVERSIDE  
 STATION

1-72, 73-76  
 YEAR

PERIOD	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 37.9 SD 11.737 TOTAL OBS 129	MEAN 35.7 SD 10.731 TOTAL OBS 842	MEAN 39.1 SD 7.575 TOTAL OBS 929	MEAN 40.2 SD 5.755 TOTAL OBS 900	MEAN 45.1 SD 5.543 TOTAL OBS 229	MEAN 49.5 SD 4.244 TOTAL OBS 901	MEAN 53.1 SD 4.961 TOTAL OBS 920	MEAN 53.7 SD 5.530 TOTAL OBS 930	MEAN 51.0 SD 9.100 TOTAL OBS 900	MEAN 42.9 SD 12.059 TOTAL OBS 929	MEAN 34.1 SD 11.763 TOTAL OBS 900	MEAN 31.2 SD 11.560 TOTAL OBS 930	MEAN 42.7 SD 11.740 TOTAL OBS 10952
03-05	MEAN 37.2 SD 11.366 TOTAL OBS 929	MEAN 34.9 SD 9.474 TOTAL OBS 840	MEAN 37.6 SD 8.493 TOTAL OBS 930	MEAN 38.9 SD 7.155 TOTAL OBS 900	MEAN 45.5 SD 6.309 TOTAL OBS 930	MEAN 49.7 SD 5.205 TOTAL OBS 900	MEAN 52.5 SD 4.976 TOTAL OBS 920	MEAN 53.7 SD 6.633 TOTAL OBS 930	MEAN 51.3 SD 9.187 TOTAL OBS 900	MEAN 41.7 SD 12.203 TOTAL OBS 930	MEAN 35.1 SD 11.393 TOTAL OBS 900	MEAN 30.9 SD 10.716 TOTAL OBS 930	MEAN 41.0 SD 11.554 TOTAL OBS 10950
06-10	MEAN 37.0 SD 11.420 TOTAL OBS 930	MEAN 34.7 SD 9.594 TOTAL OBS 840	MEAN 38.5 SD 8.609 TOTAL OBS 930	MEAN 40.5 SD 6.994 TOTAL OBS 900	MEAN 47.7 SD 6.067 TOTAL OBS 930	MEAN 50.7 SD 5.127 TOTAL OBS 900	MEAN 53.9 SD 4.658 TOTAL OBS 920	MEAN 53.7 SD 5.795 TOTAL OBS 930	MEAN 51.1 SD 9.341 TOTAL OBS 900	MEAN 42.7 SD 11.764 TOTAL OBS 930	MEAN 35.4 SD 11.175 TOTAL OBS 900	MEAN 30.4 SD 10.416 TOTAL OBS 929	MEAN 42.5 SD 12.058 TOTAL OBS 10950
09-11	MEAN 34.6 SD 11.754 TOTAL OBS 930	MEAN 37.3 SD 9.865 TOTAL OBS 846	MEAN 39.8 SD 9.100 TOTAL OBS 930	MEAN 39.5 SD 8.696 TOTAL OBS 900	MEAN 45.6 SD 7.373 TOTAL OBS 930	MEAN 47.0 SD 6.795 TOTAL OBS 900	MEAN 53.1 SD 5.949 TOTAL OBS 930	MEAN 52.9 SD 8.645 TOTAL OBS 930	MEAN 51.3 SD 9.553 TOTAL OBS 930	MEAN 42.7 SD 12.047 TOTAL OBS 930	MEAN 37.4 SD 11.372 TOTAL OBS 900	MEAN 32.9 SD 11.259 TOTAL OBS 930	MEAN 43.0 SD 11.801 TOTAL OBS 10954
12-14	MEAN 33.4 SD 12.154 TOTAL OBS 930	MEAN 35.4 SD 10.657 TOTAL OBS 840	MEAN 38.5 SD 9.743 TOTAL OBS 930	MEAN 39.4 SD 9.344 TOTAL OBS 900	MEAN 45.4 SD 7.773 TOTAL OBS 930	MEAN 49.3 SD 6.235 TOTAL OBS 900	MEAN 53.6 SD 6.212 TOTAL OBS 930	MEAN 53.7 SD 7.976 TOTAL OBS 930	MEAN 51.6 SD 8.215 TOTAL OBS 930	MEAN 41.7 SD 11.567 TOTAL OBS 930	MEAN 36.0 SD 11.585 TOTAL OBS 900	MEAN 31.6 SD 12.917 TOTAL OBS 930	MEAN 42.5 SD 12.412 TOTAL OBS 10954
15-17	MEAN 34.3 SD 11.928 TOTAL OBS 929	MEAN 36.5 SD 10.742 TOTAL OBS 840	MEAN 39.7 SD 9.805 TOTAL OBS 930	MEAN 41.7 SD 9.081 TOTAL OBS 899	MEAN 46.5 SD 7.224 TOTAL OBS 929	MEAN 49.0 SD 6.050 TOTAL OBS 900	MEAN 54.1 SD 5.637 TOTAL OBS 930	MEAN 54.3 SD 7.123 TOTAL OBS 925	MEAN 52.7 SD 8.608 TOTAL OBS 900	MEAN 43.7 SD 11.601 TOTAL OBS 930	MEAN 37.4 SD 12.202 TOTAL OBS 900	MEAN 32.6 SD 12.061 TOTAL OBS 929	MEAN 43.5 SD 12.186 TOTAL OBS 10949
18-20	MEAN 34.5 SD 12.393 TOTAL OBS 930	MEAN 37.7 SD 10.497 TOTAL OBS 845	MEAN 41.1 SD 9.025 TOTAL OBS 930	MEAN 41.9 SD 7.575 TOTAL OBS 899	MEAN 47.2 SD 6.682 TOTAL OBS 930	MEAN 50.5 SD 5.195 TOTAL OBS 900	MEAN 54.0 SD 5.261 TOTAL OBS 930	MEAN 54.1 SD 7.031 TOTAL OBS 927	MEAN 52.4 SD 8.559 TOTAL OBS 900	MEAN 44.7 SD 11.873 TOTAL OBS 930	MEAN 38.3 SD 12.478 TOTAL OBS 900	MEAN 32.8 SD 11.775 TOTAL OBS 927	MEAN 44.2 SD 11.801 TOTAL OBS 10948
21-23	MEAN 37.9 SD 12.054 TOTAL OBS 930	MEAN 37.3 SD 10.078 TOTAL OBS 846	MEAN 40.4 SD 8.126 TOTAL OBS 930	MEAN 41.6 SD 6.467 TOTAL OBS 900	MEAN 47.0 SD 6.011 TOTAL OBS 730	MEAN 50.3 SD 4.811 TOTAL OBS 900	MEAN 54.1 SD 6.791 TOTAL OBS 930	MEAN 54.4 SD 6.441 TOTAL OBS 925	MEAN 51.9 SD 9.116 TOTAL OBS 900	MEAN 43.7 SD 11.392 TOTAL OBS 930	MEAN 37.3 SD 12.020 TOTAL OBS 930	MEAN 31.8 SD 11.292 TOTAL OBS 927	MEAN 43.7 SD 11.740 TOTAL OBS 10948
ALL HOURS	MEAN 37.5 SD 12.068 TOTAL OBS 7437	MEAN 36.2 SD 10.191 TOTAL OBS 6767	MEAN 39.3 SD 8.943 TOTAL OBS 7639	MEAN 40.5 SD 7.890 TOTAL OBS 7198	MEAN 46.7 SD 6.757 TOTAL OBS 7438	MEAN 49.7 SD 5.624 TOTAL OBS 7200	MEAN 53.5 SD 5.361 TOTAL OBS 7400	MEAN 53.8 SD 7.260 TOTAL OBS 7431	MEAN 51.5 SD 9.086 TOTAL OBS 7196	MEAN 42.7 SD 11.944 TOTAL OBS 7439	MEAN 36.6 SD 11.778 TOTAL OBS 7199	MEAN 31.7 SD 11.051 TOTAL OBS 7431	MEAN 43.0 SD 11.934 TOTAL OBS 87615























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### RELATIVE HUMIDITY

24119 STATION MARCH 1968 CA/RIVERSIDE 50-70.7A-77 PERIOD 76C 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%		
01-02	100.0	98.2	92.0	83.3	73.7	63.0	50.1	34.7	14.7	66.8	930	
03-05	100.0	98.4	95.2	87.4	78.1	68.2	53.8	39.8	16.7	69.7	930	
02-06	100.0	98.1	94.5	87.9	77.7	65.5	50.3	39.6	16.9	69.1	927	
07-11	100.0	87.6	72.3	58.5	48.1	39.1	30.0	19.0	7.0	51.9	930	
12-14	99.7	70.8	50.1	37.6	30.4	19.2	11.3	5.4	1.5	37.9	930	
15-17	100.0	77.3	61.2	45.4	36.2	24.2	15.0	5.4	2.8	42.2	928	
18-20	100.0	91.0	81.0	68.1	54.9	44.3	35.5	19.2	5.5	55.6	927	
21-23	100.0	95.8	86.7	75.8	66.1	55.4	44.2	31.5	16.0	62.5	927	
TOTALS		100.0	89.7	79.1	68.1	58.1	47.5	36.8	24.3	9.5	57.0	7431

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DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AF

## RELATIVE HUMIDITY

23119  
 STATION

MARCH AFB CA/RIVERSIDE  
 STATION NAME

66-70, 73-78  
 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	90.3	79.5	70.5	62.0	54.1	44.2	30.9	10.9	60.0	7437
FEB		100.0	91.5	81.6	74.0	66.7	58.3	47.7	33.0	14.3	62.4	6707
MAR		100.0	95.3	89.1	83.1	75.2	65.8	54.4	36.0	11.0	66.8	7439
APR		99.5	94.1	88.2	80.4	70.0	59.5	47.1	29.8	9.8	63.5	7195
MAY		100.0	94.3	88.1	78.7	66.3	54.9	41.3	27.1	6.3	60.9	7438
JUN		99.9	92.9	83.6	72.6	59.0	47.4	35.0	15.8	4.0	56.9	7200
JUL		100.0	95.2	80.6	62.8	47.1	33.4	19.9	7.0	1.0	50.6	7440
AUG		99.8	93.5	81.3	65.4	50.0	36.3	23.0	11.0	2.4	52.1	7431
SEP		99.4	92.2	82.2	70.3	58.3	47.7	36.1	21.5	7.0	57.2	7196
OCT		98.8	84.3	75.2	66.8	57.1	46.2	36.2	23.3	6.0	55.2	7439
NOV		99.8	85.5	74.8	65.1	55.5	45.9	36.2	24.0	9.7	55.3	7199
DEC		100.0	87.7	79.1	68.1	58.1	47.5	36.8	24.3	9.5	57.0	7431
TOTALS		99.7	91.6	81.9	71.5	60.7	49.8	38.2	23.4	7.9	58.0	87015

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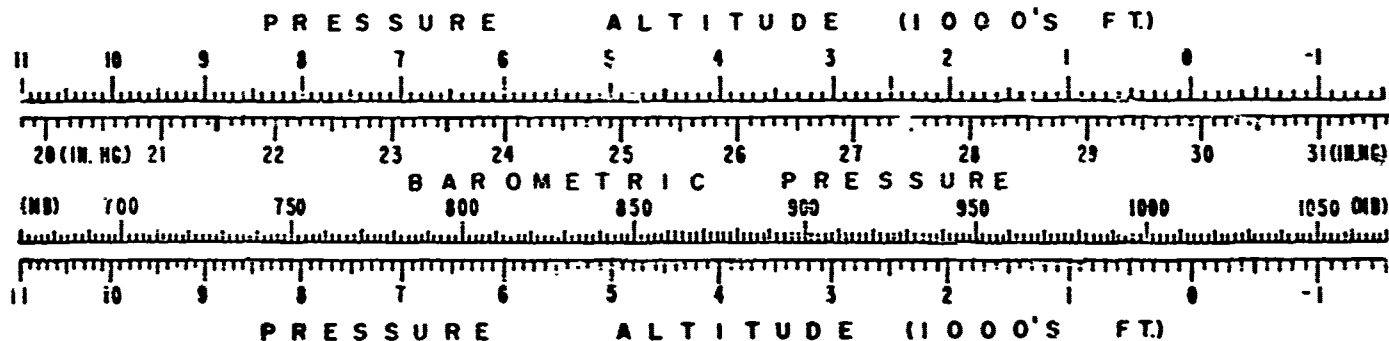
## PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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DATA PROCESSING BRANCH  
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### MEANS AND STANDARD DEVIATIONS

STATION PP. SSURE I. INCHES HG FROM HOURLY OBSERVATIONS

2311- MARCH /PP CA/RIVERSIDE

6-70, 73-78

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28.453	28.442	28.388	28.374	28.332	28.301	28.327	28.319	28.311	28.370	28.420	28.440	28.373
	S.D.	.110	.109	.113	.087	.078	.064	.054	.067	.066	.085	.097	.111	.107
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	28.443	28.425	28.368	28.300	28.319	28.294	28.320	28.311	28.300	28.352	28.411	28.431	28.361
	S.D.	.111	.112	.113	.082	.080	.065	.055	.062	.067	.080	.096	.110	.103
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	28.459	28.443	28.393	28.389	28.346	28.320	28.347	28.339	28.329	28.384	28.434	28.448	28.380
	S.D.	.111	.114	.115	.082	.080	.064	.053	.061	.068	.080	.097	.113	.101
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	28.493	28.408	28.411	28.399	28.348	28.321	28.344	28.339	28.333	28.393	28.451	28.477	28.392
	S.D.	.109	.112	.114	.081	.078	.063	.053	.061	.068	.081	.099	.113	.106
	TOTAL OBS	310	282	310	300	310	300	310	310	299	309	300	310	3650
13	MEAN	28.427	28.418	28.370	28.361	28.318	28.293	28.314	28.302	28.287	28.338	28.390	28.410	28.352
	S.D.	.106	.108	.111	.080	.076	.065	.053	.063	.069	.080	.097	.112	.100
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
16	MEAN	28.415	28.392	28.340	28.328	28.288	28.265	28.280	28.267	28.257	28.317	28.374	28.400	28.327
	S.D.	.106	.105	.109	.079	.074	.063	.053	.063	.067	.080	.098	.111	.102
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
19	MEAN	28.440	28.416	28.363	28.349	28.309	28.282	28.298	28.289	28.286	28.351	28.406	28.425	28.351
	S.D.	.108	.105	.108	.080	.074	.062	.055	.062	.066	.078	.099	.111	.103
	TOTAL OBS	309	282	310	300	310	300	310	309	300	310	300	309	3649
22	MEAN	28.462	28.441	28.394	28.384	28.346	28.318	28.338	28.326	28.318	28.376	28.429	28.446	28.381
	S.D.	.109	.109	.109	.081	.075	.063	.053	.062	.066	.079	.099	.111	.101
	TOTAL OBS	310	282	310	300	310	300	310	309	300	309	300	309	3649
ALL HOURS	MEAN	28.449	28.431	28.379	28.368	28.326	28.299	28.321	28.312	28.302	28.361	28.414	28.435	28.366
	S.D.	.111	.111	.113	.083	.079	.066	.058	.066	.071	.083	.100	.114	.104
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2480	2477	2398	2478	2400	2477	29209

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 AIR WEATHER SERVICE/TAC

### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MB'S FROM HOURLY OBSERVATIONS

23110 MARCH APR CA/RIVERSIDE

6-70, 73-76

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1018.4	1018.0	1018.0	1015.4	1017.4	1017.0	1012.6	1012.3	1012.7	1014.7	1016.9	1018.0	1015.0
	S D	3.733	3.853	4.009	2.952	2.868	2.339	1.961	2.338	2.423	2.880	3.488	3.957	3.940
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
04	MEAN	1018.1	1017.4	1015.3	1014.9	1017.0	1011.3	1012.4	1012.1	1011.9	1014.3	1016.5	1017.7	1014.5
	S D	3.880	4.030	4.005	2.951	2.927	2.340	2.003	2.335	2.420	2.907	3.490	4.039	3.938
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
07	MEAN	1017.0	1018.3	1016.4	1016.1	1014.1	1012.9	1013.5	1013.7	1013.1	1015.5	1017.7	1018.5	1015.7
	S D	4.221	4.156	4.140	2.994	2.920	2.326	1.932	2.355	2.451	2.917	3.505	4.082	3.919
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	308	3649
10	MEAN	1020.0	1019.0	1018.9	1016.3	1014.1	1012.8	1013.3	1013.1	1013.1	1015.6	1018.1	1019.4	1016.0
	S D	3.893	4.017	4.046	2.956	2.848	2.317	1.943	2.382	2.501	2.885	3.555	4.036	4.111
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1017.5	1017.1	1015.4	1014.9	1017.9	1011.7	1012.1	1011.7	1011.4	1013.6	1015.8	1016.9	1014.2
	S D	3.762	3.845	3.945	2.925	2.901	2.373	1.916	2.385	2.535	2.886	3.505	3.979	3.831
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
15	MEAN	1017.2	1016.3	1014.3	1013.8	1011.9	1010.8	1011.0	1010.5	1010.3	1012.9	1015.3	1016.6	1013.4
	S D	3.777	3.739	3.871	2.886	2.694	2.273	1.929	2.356	2.426	2.901	3.536	3.946	3.930
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
19	MEAN	1018.3	1017.3	1015.4	1014.7	1012.8	1011.5	1011.7	1011.4	1011.6	1014.3	1016.7	1017.8	1014.5
	S D	3.892	3.818	3.853	2.956	2.664	2.246	1.962	2.355	2.395	2.844	3.589	3.962	4.017
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	1018.9	1018.0	1016.3	1015.8	1014.0	1012.7	1013.0	1012.6	1012.8	1015.0	1017.3	1018.4	1015.4
	S D	3.916	3.929	3.887	2.939	2.700	2.336	1.911	2.298	2.426	2.918	3.569	3.977	3.884
	TOTAL OBS	310	282	310	300	310	300	310	309	299	310	300	309	3649
ALL HOURS	MEAN	1018.4	1017.7	1015.8	1013.2	1013.3	1012.0	1012.4	1012.1	1012.0	1014.5	1016.8	1017.9	1014.8
	S D	3.981	4.009	4.037	3.049	2.895	2.414	2.094	2.494	2.599	3.007	3.629	4.083	4.025
	TOTAL OBS	2480	2256	2480	2399	2480	2400	2480	2477	2399	2479	2358	2475	29203