AD A074683

USAFETAC/DS-79/064

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

DAVIS-MONTHAN AFB AZ WBAN# 23109
N 32 10 W 110 53 FLD ELEV 2705 FT DMA WMO #

PARTS A-F

POR FROM HOURLY OBS: MAR 6' - DEC 70, JAN 73 - FEB 79
POR FROM DAILY OBS: MAR 49 - FEB 79

JUL 12 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

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II
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1
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-79/064	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Davis-Monthan AFB, Tuscon, Arizona		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG REPORT NUMBER
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18 SUPPLEMENTARY NOTES

This supersedes AD-A069238.

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 Davis-Monthan AFB, Tuscon, Arizona

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

DD FORM 1 JAN 73 1473

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

* Arizona * Davis-Monthan AFB AZ

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
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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

- PART A WEATHER CONDITIONS
  - ATMOSPHERIC PHENOMENA
- PART B PRECIPITATION
  - SNOWFALL
  - SNOW DEPTH
- PART C SURFACE WINDS
- PART D CEILING VERSUS VISIBILITY
  - SKYCOVER
- PART E DAILY MAX, MIN, & MEAN TEMP
  - EXTREME MAX & MIN TEMP
  - PSYCHROMETRIC-DRY VS WET BULB
  - MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
  - RELATIVE HUMIDITY
- PART F STATION PRESSURE
  - SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

874 29046

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
23109	DAVIS MONTHAN AFB AZ	N 32 10	W 110 53	2705	DMA	

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			STATION (FT)	TYPE BAROMETER	
1	Davis Monthan AFB AZ	AFB	Mar 49	Mar 53	N 32 11	W 110 55	2565	2616	24
2	Same	Same	Apr 53	26 May 53	Same	W 110 53	2626	Same	24
3	Same	Same	27 May 53	16 Oct 55	Same	Same	2688	Same	24
4	Same	Same	17 Oct 55	3 Apr 68	N 32 10	Same	Same	2654	24
5	Same	Same	4 Apr 68	Feb 79	Same	Same	2705	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	Mar 49	Located on top of control tower.	Selsyn	ML-144A	66 ft	
2	14 Apr 54	Located on roof of weather station.	GMQ-1	ML-144	35 ft	
3	4 May 55	Mounted on roof of bldg.	Same	Same	25 ft	
4	17 Oct 55	Mounted on top of weather station.	Same	Same	40 ft	
5	2 May 56	Located between active rnwy and ramp, 750 ft from centerline of rnwy, opposite base operations bldg.	GMQ-11	RO-2	13 ft	
6	6 Aug 57	Located 800 ft from end of rnwy 12, on SW side.	Same	Same	Same	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7	1 Apr 58	Located 800 ft along NE side of rnwy, approximately center of rnwy.	Same	Same	Same	
8	12 Apr 60	Located 500 ft from centerline of rnwy on SW side approximately midway along the length.	Same	Same	Same	
9	4 Feb 69	1. Located 800 ft from centerline on SW side, 1000 ft from end of runway 12.	Same	RO-362	Same	
		2. Located 500 ft from centerline on SW side, 1000 ft from end of runway 30.	Same		Same	
10	Jan 70	1. Located 500 ft from centerline on NE side, 1000 ft from end of runway 12.	GMQ-20	Same	Same	
		2. Located 500 ft from centerline on SW side, 1000 ft from end of runway 30.	Same		Same	
11	Feb 79	1. Same	Same	Same	Same	
		2. 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 60 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 DAVIS-MONTHAN AFB AZ 73-79 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		5.1		.2		5.2	1.1				1.1	927
	03-05		4.1		.4		4.3	1.3				1.2	926
	06-08		4.5		.4		5.0	2.3				2.3	927
	09-11		3.9		.3		4.2	1.9				1.9	930
	12-14	.3	2.9		.1		3.0	.9				.9	927
	15-17	.3	4.2				4.2	.4				.4	926
	18-20	.2	4.9				4.9	1.0				1.0	927
	21-23		4.8				4.8	.9				.9	926
TOTALS		.1	4.3		.2		4.5	1.2				1.2	7418

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		3.9				3.9	.2			.1	.4	846
	03-05	.1	4.8				4.8	.7			.1	.8	846
	06-08	.1	3.3				3.3	.9			.1	1.1	846
	09-11		2.8				2.8	.4			.1	.5	846
	12-14		2.8				2.8	.4				.4	846
	15-17	.1	3.8		.1		3.8	.1			.4	.5	845
	18-20	.2	4.5		.1		4.5				.4	.4	842
	21-23		4.2		.1		4.3						842
TOTALS		.1	3.8		.0		3.8	.3			.2	.5	6759

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WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02	.1	3.4		.1		3.4	.4				.4	930
	03-05		3.8				3.8						930
	06-08	.1	3.1		.3		3.1				.4	.4	930
	09-11		3.8		.4		3.8	.1			.6	.8	930
	12-14	.2	4.2		.3		4.2	.1			.1	.2	929
	15-17	1.0	5.4		.4		5.4	.5				.5	930
	18-20	.2	4.7		.3		5.1	.4				.4	929
	21-23	.4	4.1		.1		4.2	.2				.2	930
TOTALS		.3	4.1		.2		4.1	.2			.1	.4	7438

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WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		.8				.8						900
	03-05		1.6		.1		1.6						900
	06-08		.7		.2		.8				.2	.2	900
	09-11	.2	.9				.9						900
	12-14	.2	.6				.6				.1	.1	900
	15-17	.3	1.8				1.8						900
	18-20	.3	2.6		.1		2.6						899
	21-23	.2	2.1				2.1						900
TOTALS		.2	1.4		.1		1.4				.0	.0	7199

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WEATHER CONDITIONS

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-7[illegible]73-78 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	.6				.6						930
	03-05	.1	.1				.1						930
	06-08		.4				.4						930
	09-11	.1	.6		.1		.6	.1				.1	929
	12-14	.5	.6				.6	.3				.3	930
	15-17	1.6	2.2				2.2	.2			.1	.3	930
	18-20	1.4	2.0				2.0	.1				.1	930
	21-23	.3	.9				.9						929
TOTALS		.5	.9		.0		.9	.1			.0	.1	7438

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	.1	.4				.4						900
	03-05		.4				.4						900
	06-08		.3				.3						900
	09-11		.2				.2						900
	12-14	1.1	.6				.6				.2	.2	900
	15-17	2.3	1.3				1.3				.2	.2	900
	18-20	1.8	2.1				2.1				.1	.1	899
	21-23	1.1	.8				.8						900
TOTALS		.8	.8				.8				.1	.1	7199

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WEATHER CONDITIONS

23108 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-7[illegible]73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	2.6	5.2				5.2						930
	03-05	1.5	3.5				3.5						930
	06-08	1.0	2.0				2.0						930
	09-11	.4	1.8				1.8						930
	12-14	2.6	2.3				2.3						930
	15-17	10.3	5.6				5.6		.1		.2	.3	930
	18-20	13.2	8.9				8.9				.4	.4	930
	21-23	9.0	11.0				11.0		.1		.1	.2	930
TOTALS		5.1	5.0				5.0		.0		.1	.1	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70, 73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	2.0	3.1				3.1						930
	03-05	.9	2.4				2.4						930
	06-08	.4	.6				.6						930
	09-11	.2	.5				.5						930
	12-14	2.2	1.7				1.7						930
	15-17	9.0	5.2				5.2		.1		.2	.3	930
	18-20	11.1	7.0				7.0		.3		.1	.4	930
	21-23	5.4	6.1				6.1						930
TOTALS		3.9	3.3				3.3		.1		.0	.1	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23109	DAVIS-MONTHAN AFB AZ	67-70,73-78	SEp
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.1	2.9				2.9						899
	03-05	.4	2.0				2.0						900
	06-08	.4	1.9				1.9	.1	.2			.2	900
	09-11		1.4				1.4	.1	.1			.2	900
	12-14	1.3	1.8				1.3	.1				.1	900
	15-17	4.9	3.9			.2	3.9						900
	18-20	4.7	4.7			.1	4.7						900
	21-23	2.1	2.9				2.9						900
TOTALS		1.9	2.7			.0	2.7	.0	.0			.1	7199

USAFETAC FORM 10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.6	1.6				1.6	.2				.2	930
	03-05	.3	1.8				1.8				.2	.2	930
	06-08	.2	2.6				2.6	.3				.3	930
	09-11	.1	2.8				2.8	.1				.1	930
	12-14	.8	2.6				2.6	.1				.1	930
	15-17	1.0	3.1				3.1						930
	18-20	1.0	3.0				3.0				.1	.1	930
	21-23	.6	1.9				1.9				.1	.1	929
TOTALS		.6	2.4				2.4	.1			.1	.1	7439

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	2.6				2.6	.4			.2	.7	900
	03-05	.1	3.1		.1		3.1	.9			.3	1.2	900
	06-08		2.2				2.2	.4			.1	.6	897
	09-11		2.7				2.7	.4	.2		.1	.7	897
	12-14		2.9				2.9	.3	.2		.2	.8	897
	15-17	.3	3.5				3.5	.4				.4	897
	18-20	.1	2.3				2.3	.4				.4	900
	21-23	.1	1.1				1.1	.4				.4	900
TOTALS		.1	2.6		.0		2.6	.5	.1		.1	.7	7188

USAFETAC FORM MAY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		5.2		.2		5.2	2.4				2.4	929
	03-05		4.1				4.1	2.3				2.3	930
	06-08	.1	4.8		.2		5.0	2.8				2.8	929
	09-11		4.8		.9		5.6	4.0				4.0	929
	12-14	.3	4.6		.2	.1	4.8	2.0				2.0	930
	15-17	.1	4.0		.1		4.0	1.2				1.2	929
	18-20	.2	4.5				4.5	2.1				2.1	926
	21-23		4.2				4.2	1.9				1.9	926
TOTALS		.1	4.5		.2	.0	4.7	2.3				2.3	7428

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-79 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	4.3		.2		4.5	1.2				1.2	7418
FEB		.1	3.8		.0		3.8	.3			.2	.5	6759
MAR		.3	4.1		.2		4.1	.2			.1	.4	7436
APR		.2	1.4		.1		1.4				.0	.0	7199
MAY		.5	.9		.0		.9	.1			.0	.1	7438
JUN		.8	.8				.8				.1	.1	7199
JUL		5.1	5.0				5.0		.0		.1	.1	7440
AUG		3.9	3.3				3.3		.1		.0	.1	7440
SEP		1.9	2.7			.0	2.7	.0	.0			.1	7199
OCT		.6	2.4				2.4	.1			.1	.1	7439
NOV		.1	2.6		.0		2.6	.5	.1		.1	.7	7188
DEC		.1	4.5		.2	.0	4.7	2.3				2.3	7426
TOTALS		1.1	3.0		.1	.0	3.0	.4	.0		.1	.5	87585

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

23109 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
70-79 — YEARS
ALL — MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	1.1	18.7		1.7	.5	19.0	4.6	.1			4.7	930
FEB		1.7	16.9		1.7	.7	17.1	2.5			.2	2.7	847
MAR		1.8	19.1		1.9	.6	19.1	1.4			.1	1.5	930
APR		3.0	11.1	.1	.7	.8	11.1	.1				.1	900
MAY		2.9	7.2	.1	.1	.2	7.2	.2			.1	.3	930
JUN		2.0	12.0			.3	12.0				.9	.9	900
JUL		47.4	54.4			.6	54.4	.2	.2		1.8	2.2	930
AUG		41.3	43.3			.6	43.3	.1	.1		.3	.4	930
SEP		16.9	24.4			.3	24.4	.8	.2		.2	1.1	900
OCT		6.2	15.2			.5	15.2	1.3				1.3	930
NOV		1.0	13.6		.6		13.6	1.8	.1			1.5	900
DEC		1.1	18.5		2.7	.4	18.8	4.2				4.2	930
TOTALS		11.0	21.2	.0	.8	.5	21.3	1.4	.1		.3	1.8	10957

U S AIR FORCE
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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

* 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:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 49-79 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR. ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06 10	11 .25	26 50	51-1 00	1 01-2 50	2 51-5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0 4	0 5-1 4	1.5 2 4	2 5 3 4	3 5 4 4	4 5-6.4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25-36	37-48	49 60	61-120	OVER 120					
JAN	80.6	6.2	.8	3.1	1.8	2.5	3.0	1.7	.2					13.1	930	.93	3.00	.00
FEB	82.5	5.7	.7	2.5	2.7	3.3	1.7	.6	.4					11.8	847	.65	2.41	.00
MAR	80.5	6.0	.9	3.7	2.8	3.1	1.9	1.1						13.4	930	.69	2.32	.00
APR	88.8	5.1	.3	1.8	.6	1.6	1.8	.1						6.1	900	.31	1.78	.00
MAY	92.4	5.2	.4	.8	.1	1.0	.1	.1						2.5	930	.09	.89	.00
JUN	87.4	6.8	.8	1.3	1.0	1.3	1.2	.1						5.8	900	.25	1.15	.00
JUL	44.5	23.2	4.3	8.1	4.5	6.9	5.5	2.5	.5					32.3	930	1.99	4.76	.95
AUG	55.4	19.1	2.7	7.5	3.7	5.1	3.5	2.3	.8					25.5	930	1.63	4.09	.15
SEP	74.6	12.1	.7	3.2	2.0	3.3	2.2	1.1	.7	.1				13.3	900	1.12	3.29	.00
OCT	84.6	5.8	.6	2.6	1.3	1.9	.9	1.8	.4					9.6	930	.89	4.88	.00
NOV	86.4	3.7	1.0	1.4	1.0	3.2	2.0	1.0	.2					9.9	900	.70	2.10	.00
DEC	80.8	6.1	.8	2.9	1.6	3.6	1.8	2.0	.3					13.0	929	1.10	5.81	.00
ANNUAL	78.2	8.7	1.2	3.2	1.9	3.1	2.1	1.2	.3	.0				13.0	10956	10.35		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 49-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			.23	.29	TRACE	T. ACE	.64	.99	1.18	.05	.18	.57	
50	.14	1.10	.07	TRACE	TRACE	.30	1.42	.71	.74	.1[illegible]	TRACE	.24	1.42
51	.45	.35	.08	.48	.04	.00	.52	.88	.36	1.89	.03	.21	1.89
52	.52	.18	.54	.38	TRACE	.33	.42	1.35	.19	.00	1.[illegible]7	.20	1.35
53	.06	.49	.37	.02	.01	.54	1.02	.13	.00	TRACE	.19	.18	1.02
54	.52	.36	.62	.00	.20	.31	.71	1.03	.89	.07	.00	.05	1.03
55	.48	.16	TRACE	TRACE	TRACE	.01	.95	.66	.02	.31	T. ACE	*TRACE	.95
56	.65	.33	.00	.20	TRACE	.01	.54	.68	TRACE	.24	TRACE	.24	.68
57	.70	.08	.51	.09	.02	.21	.50	1.08	.00	1.04	.58	.42	1.08
58	TRACE	.63	.87	.35	TRACE	.45	2.28	1.20	.36	.52	.87	.60	2.28
59	.02	.23	TRACE	.01	.00	.11	.88	.52	TRACE	.81	.54	.08	.88
60	1.08	.53	.18	.00	TRACE	T. ACE	.48	.40	.50	.63	.05	.46	1.08
61	.85	.02	.39	TRACE	.00	.24	1.34	2.16	.19	.33	.24	.88	2.16
62	.55	.15	.10	TRACE	.00	T. ACE	.68	.50	1.98	.05	.22	.42	1.98
63	.65	.60	.36	.35	TRACE	.02	.38	1.16	.67	.53	.47	.18	1.16
64	.29	.04	.22	.54	TRACE	.04	.69	.45	1.78	.35	.30	.62	1.78
65	.33	.25	.12	.35	.02	.08	1.22	.73	.18	.18	.37	1.32	1.32
66	.64	1.33	.12	.21	.03	.14	.85	.43	1.72	.77	.28	.20	1.72
67	TRACE	.09	.25	.37	.19	.39	.45	.71	.57	.94	.27	1.45	1.45
68	.26	.39	.77	.34	TRACE	TRACE	.44	1.41	TRACE	.07	1.25	.31	1.41
69	.37	.20	.16	.17	.26	TRACE	.42	.43	.35	TRACE	.39	.43	.43
70	TRACE	.21	.51	.06	.23	.29	.90	.78	1.69	.62	TRACE	.24	1.69
71	.07	.19	TRACE	.44	TRACE	.01	.44	.90	.57	1.00	.49	.78	1.00
72	.00	.00	TRACE	.00	.21	.33	.88	.48	.69	1.70	.67	.44	1.70
73	.02	1.14	.56	.02	.01	.35	.75	.11	TRACE	.00	.65	.00	1.14
74	.66	.02	.41	TRACE	.00	.22	.75	.45	.64	.00	.08	.28	.90
75	.23	.19	.64	.14	TRACE	.00	.41	.07	.30	.02	.22	.67	.67
76	.14	.42	.20	.35	.15	.18	.73	.19	1.77	.25	.15	.76	1.77
77	.58	.04	.58	.18	.02	.09	.55	.08	.83	.98	.25	.77	.98
78	1.18	.51	.47	.04	.66	.45	.38	.29	2.53	1.27	.83	1.18	2.53
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 49-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV	DEC.	ALL MONTHS
79	.60	.23											
MEAN	.401	.349	.311	.179	.068	.170	.754	.701	.691	.525	.395	.489	1.37*
S D.	.327	.336	.251	.176	.139	.169	.403	.466	.704	.519	.329	.376	.517
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	929	1095

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
TOTAL MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23108 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 49-79 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
49			.36	.47	TRACE	TRACE	.95	1.01	1.96	.09	.28	.75	
50	.18	1.39	.09	TRACE	TRACE	.5[illegible]	4.26	.75	.78	.14	TRACE	.24	9.33
51	1.01	.61	.12	1.78	.04	.00	1.45	2.14	.81	2.32	1.76	.07	12.71
52	.57	.16	1.86	.93	TRACE	.39	1.47	2.63	.19	.00	2.10	.52	10.84
53	.06	.89	.79	.02	.01	.54	4.76	.29	.00	TRACE	.20	.16	7.72
54	.84	.38	1.46	.00	.32	.53	1.80	1.99	1.51	.07	.00	.47	8.99
55	1.57	.16	TRACE	TRACE	TRACE	.01	2.95	2.41	.02	.31	TRACE	*TRACE	* 7.43
56	1.11	.88	.00	.24	TRACE	.02	1.58	1.22	TRACE	.28	TRACE	.24	5.67
57	2.85	.40	1.21	.09	.03	.24	1.01	2.47	.00	3.06	.04	.79	12.19
58	TRACE	1.18	2.32	.91	TRACE	.53	2.82	2.18	.96	.77	1.00	.00	12.47
59	.02	.23	TRACE	.01	.00	.19	3.45	2.34	TRACE	1.24	.01	2.38	10.99
60	2.02	.60	.30	.00	TRACE	TRACE	.95	1.18	.67	.78	.15	.55	7.31
61	1.19	.02	.48	TRACE	.00	.24	2.09	4.09	.30	.60	.54	2.26	11.51
62	1.31	.38	.29	TRACE	.00	TRACE	1.95	.57	2.25	.05	.45	.91	8.20
63	.92	1.19	.58	.35	TRACE	.02	1.18	2.51	1.16	.58	.96	.18	9.63
64	.38	.04	.54	.57	TRACE	.04	1.89	1.59	3.17	.74	.78	.94	10.65
65	.38	.47	.27	.37	.02	.11	1.85	2.08	.47	.10	.90	5.51	12.91
66	2.11	2.41	.16	.26	.03	.15	1.80	1.22	3.29	1.06	.31	.22	13.02
67	TRACE	.11	.47	.49	.21	.43	2.23	1.61	1.40	1.14	.42	3.40	11.91
68	.50	1.16	1.56	.78	TRACE	TRACE	1.82	2.72	TRACE	.09	1.58	.33	10.54
69	.74	.41	.29	.17	.41	TRACE	1.22	1.44	.61	TRACE	1.29	.82	7.40
70	TRACE	.24	1.37	.06	.23	.43	2.21	2.13	2.63	.62	TRACE	.40	10.52
71	.08	.47	TRACE	.44	TRACE	.01	1.24	3.17	1.12	1.25	.53	2.12	10.74
72	.00	.00	TRACE	.00	.35	1.15	1.71	1.54	.97	4.88	1.10	.73	12.43
73	.10	1.92	2.04	.02	.01	.60	2.65	.34	TRACE	.00	.98	.00	8.66
74	1.21	.02	.93	TRACE	.00	.25	1.78	.91	1.72	2.04	.81	.35	10.02
75	.46	.23	1.11	.28	TRACE	.00	2.14	.15	.77	.03	.50	.68	6.35
76	.14	.87	.20	.72	.27	.26	1.82	.58	2.21	.44	.41	.76	8.70
77	2.20	.05	.69	.26	.02	.06	1.28	.33	1.34	2.15	.41	1.42	10.24
78	3.00	2.10	1.33	.04	.89	.81	1.27	1.34	2.77	1.65	1.77	3.49	20.46
MEAN													
S D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AK 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
79	2.79	.45											
MEAN	.925	.648	.694	.309	.095	.251	1.989	1.531	1.119	.887	.596	1.095	1,445
S D.	.931	.642	.671	.402	.194	.289	.910	.952	1.017	1.105	.581	1.312	2.372
TOTAL OBS	930	847	930	900	930	900	930	930	900	93	900	929	10954

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

23109 STATION DAVIS-MONTHAN AFB AZ STATION NAME 49-79 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-05	06 10	11 .25	.26-.50	.51 1 00	1.01 2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0 4	0 5-1.4	1 5 2 4	2 5 3 4	3 5-4 4	4 5-6 4	6 5-10 4	10.5-15 4	15 5-25 4	25 5 50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13 24	25 36	37 48	49 60	61-120	OVER 120					
JAN	98.3	1.3	.1	.2		.1								.4	930	.2	3.6	.0
FEB	98.9	1.0	.1											.1	816	TRACE	.1	.0
MAR	98.0	1.7			.3									.3	930	.2	4.1	.0
APR	99.3	.6		.1										.1	900	TRACE	.5	.0
MAY	99.9	.1													930	TRACE	TRACE	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	100.0														930	.0	.0	.0
NOV	99.4	.4							.1					.1	900	.2	6.6	.0
DEC	97.4	2.0	.1	.3				.1						.5	929	.3	6.0	.0
ANNUAL	99.3	.6	.0	.0	.0	.0		.0	.0					.1	10925	.9		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

S.D. FALL

(FROM DAILY OBSERVATIONS)

23109 DAVIS-MONTHAN AFB AZ 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP.	OCT	NOV	DEC.	ALL MONTHS
49			.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
51	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
52	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	6.6	.0	6.6
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.2
65	TRACE		.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	
66	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.8	.8
68	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5
69	.0	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
76	.0	.2	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.5
77	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	All MONTHS
79	1.0	.0											
MEAN	.13	.00	.12	.02	TRACE	.00	.00	.00	.00	.00	.22	.27	.78
S D	.505	.017	.478	.091	.000	.000	.000	.000	.000	.000	1.205	1.123	1.74
TOTAL OBS	930	818	930	900	930	900	930	930	900	930	900	929	10925

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 49-79 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
49			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6
52	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	4.6	.0	0.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.1
65	TRACE		.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	
66	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	*TRACE
67	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.0
68	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6
69	.0	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	5.0	5.1
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
76	.0	.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.0
77	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23109 DAVIS-MONTHAN AFB AZ 49-79
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
79	1.0	.0											
MEAN	.17	.00	.19	.02	TRACE	.00	.00	.00	.00	.00	.22	.28	.9
S D	.677	.017	.788	.091	.000	.000	.000	.000	.000	.000	1.265	1.120	1.901
TOTAL OBS.	930	816	930	900	930	900	930	930	900	930	900	929	1925

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 49-79 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06-10	11 25	26-50	51 100	1 01 2 50	2 51 5 00	5 01 10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5 1 4	1.5 2 4	2 5 3 4	3 5-4 4	4 5 6 4	6 5-10 4	10 5 15 4	15 5 25.4	25 5 50 4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25-36	37 48	49-60	61 120	OVER 120					
JAN	99.7		.3											.3	930			
FEB	99.8		.1			.1								.2	847			
MAR	99.7	.1		.1		.1								.2	930			
APR	100.0														900			
MAY	100.0														930			
JUN	100.0														900			
JUL	100.0														930			
AUG	100.0														930			
SEP	100.0														900			
OCT	100.0														930			
NOV	99.9				.1									.1	900			
DEC	99.6	.2	.1		.1									.2	930			
ANNUAL	99.9	.0	.0	.0	.0	.0								.1	10957			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

S[illegible]EPT-

(FROM DAILY OBSERVATIONS)

23169 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 49-79 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
49			0		0		0					TRACE	
50	0	0	0		0		0						
51	1	0	0										1
52	0	0	TRACE		0		0						TRACE
53	0	0	0		0		0						
54	0	0	0		0		0						
55	0	0	0				0						
56	0	0	0		0		0						
57	0	0	0		0		0						
58	0	0	0		0		0						
59	0	0	0		0								
60	0	0	0		0		0						
61	0	0	0		0		0						
62	0	0	0		0		0						
63	0	0	0		0		0						
64	0	0	4		0		0						
65	0	6	0		0		0						
66	0	1	0		0		0						1
67	0	0	0		0		0						
68	0	0	0		0		0					1	
69	0	0	0		0		0						
70	0	0	0		0		0						
71	0	0	0		0		0					3	
72	0	0	0		0		0						
73	0	0	0		0		0						
74	0	0	0		0		0						
75	0	0	0		0		0						
76	0	0	2		0		0						2
77	0	0	0		0		0						
78	0	0	0		0		0						
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

S ... DEPTH

(FROM DAILY OBSERVATIONS)

23109 STATION DAVIS-MONTHAN AFB AZ STATION NAME 49-79 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	1												
MEAN	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.7
S D	.254	1.104	.805	.000	.000	.000	.000	.000	.000	.000	.548	.571	1.48
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 AUG 64 0-88-5 (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 degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

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

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

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

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

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

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

C

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AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 49-53, 56-79 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
49			SSW 36	W 31	W 33	SSW 32	W 35	E 34	S 37	S 35	*26 S 2		
50	WSW 36	S 37	SW 45	SSW 32	S 40	S 43	ENE 44	SW 44	ENE 32	SSW 2	SSW 1	S 32	S 45
51	S 30	NNE 30	E 33	W 32	S 44	N 31	SSE 40	S 47	SSE 43	S 37			
52	ENE *24	ENE *36	S 43	SW 56	W 31	W 34	SSE 56	SW 41	NE 40	S 29	43	42	S, 56
53	NW *31	W 45	NNW 36	SSW 42	WSW 30	ESE 35	SSW 46		W 35	WSW 23	SE *41	N *43 W 40	45
56	SW *36	SSW 28	WNW 36	SSW *39	S 30	W 35	ESE 45	N 44	SE 23	S 28	ESE 35	ESE 41	ESE 45
57	ESE 35	N 24	SW 32	N 41	SE 35	N 34	S 42	E 37	ENE 26	S 45	ESE 29	ESE 38	S, 45
58	NE 30	W 32	SSW 31	S 33	SSE 45	N 6	E 41	ESE 49	ENE 47	S 37	W 32	23	60
59	S 28	W 36	WSW 37	SE 31	S 35	SE 35	ESE 50	ESE 28	SSW 32	SE 32	E 29	25	ESE 50
60	SE 26	W 34	NW 34	SW 30	S 31	N 36	ENE 45	NE 35	46	W 33	ESE 31	WS 29	45
61	ESE 33	N 38	SW 31	WSW 37	S 32	SE 48	SE 39	WSW 36	ESE 29	E 35	SE 33	SE 26	SE 45
62	ENE 41	W 30	NW 36	S 35	SSW 33	SS 41	E 45	SE 39	W 42	ESE 33	ESE 29	WS 34	NE 45
63	W 30	SE 31	W 39	S 32	ESE 26	SS 36	S 37	ENE *29	SW *24	S 23	W 31	E E *27	39
64	E 26	N 30	SW 38	S 44	S 31	ENE 40	SE 40	ENE 35	W 32	S 29	S 28	ESE 32	S 44
65	NW 26	W 32	W 47	ENE 33	E 39	ESE 37	ESE 47	N 45	S 36	E 46	S 34	E 41	E 49
66	E 31	ESE 36	SW 35	N 40	ESE 36	ENE 35	NE 61	NE 52	E 40	W 28	S 35	SSW 36	NNE 61
67	ESE 33	SSW 36	S 35	SSW 33	S 40	SW 34	SE 49	NNE 46	ENE 38	ESE 31	ESE 34	S 37	SE 49
68	SE 35	ESE 32	SSW 32	E 38	WSW 40	WSW 38	11/ 46	16/ 45	10/ 33	23/ 29	11/ 45	26/ 34	11/ 46
69	13/ 27	21/ 40	22/ 36	23/ 29	19/ 30	16/ 38	6/ 53	6/ 62	10/ 36	21/ 32	5/ 40	29/ 33	6/ 62
70	30/ 29	12/ 46	21/ 35	22/ 39	5/ 43	17/ 45	15/ 46	5/ 32	12/ 35	26/ 36	20/ 31	24/ 30	12/ 46
71	24/ 37	20/ 50	30/ 36	22/ 33	18/ 37	6/ 42	14/ 58	13/ 47	14/ 42	20/ 36	10/ 23	19/ 42	14/ 58
72	29/ 31	29/ 31	33/ 41	23/ 30	7/ 36	24/ 42	15/ 45	23/ 44	20/ 37	19/ 30	33/ 36	31/ 32	24/ 45
73	21/ 35	21/ 36	27/ 31	10/ 34	10/ 38	21/ 35	3/ 48	15/ 37	16/ 29	29/ 26	31/ 33	12/ 32	3/ 48
74	20/ 36	33/ 35	20/ 30	27/ 36	24/ 36	14/ 51	13/ 50	13* 30	7/ 38	11/ 30	15/ 28	6/ 30	14/ 51
75	7/ 29	29/ 33	25/ 33	27/ 34	18/ 42	25/ 30	10/ 67	19/ 39	20/ 40	16/ 29	19/ 43	27/ 31	10/ 67
76	12/ 31	12/ 37	22/ 38	30/ 33	19/ 38	19/ 40	7/ 41	13/ 46	16/ 44	18/ 36	11/ 33	14/ 27	13/ 46
77	13/ 31	23/ 33	31/ 38	28/ 38	20/ 29	16/ 42	5/ 43	14/ 34	13/ 30	20/ 30	24/ 30	18/ 33	16/ 43
78	32/ 33	19/ 34	21/ 34	21/ 30	20/ 37	11* 38	25/ 36	2/ 38	12/ 42	6/ 33	19/ 40	12/ 35	12/ 42
79	31/ 29	13/ 27											
MEAN	31.5	34.6	36.0	35.4	35.6	39.6	46.3	41.2	36.1	33.2	34.6	34.2	40.3
S D.	3.776	5.666	4.101	5.606	4.947	7.154	7.477	7.257	5.767	5.379	5.400	6.453	5.785
TOTAL OBS	862	803	898	865	893	931	866	851	831	736	799	732	10019

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

USAF ETAC FORM AK 64 0-86-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (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	.3											.3	2.3
NNE	.2	.1										.3	2.7
NE	.1	.1	.1	.2								.5	7.8
ENE	1.1	.6		.1								1.8	3.7
E	1.0	2.4	1.3	.2	.1							5.0	6.0
ESE	3.2	5.7	3.5	1.7	.1							14.2	6.2
SE	8.2	17.5	4.0	1.3	.2							31.2	5.1
SSE	6.5	7.6	1.1	.1								15.2	4.0
S	4.5	2.7	.6									7.9	3.5
SSW	1.7	1.1	.3	.2								3.3	4.1
SW	.4	1.1	.1	.1								1.7	4.7
WSW	.5	.5	.3	.2								1.6	5.7
W	1.0	.4		.2								1.6	3.9
WNW	.3	.1	.3	.1		.1						1.0	7.7
NW	.1	.5	.3	.3								1.3	7.4
NNW		.1	.2		.1							.4	9.8
VARBL													
CALM												12.5	
	29.2	40.6	12.2	4.9	.5	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 64-70,73-79 YEARS | JAN MONTH

ALL WEATHER CLASS | 0301-0500 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										.6	2.3
NNE		.3										.3	4.7
NE	.1	.2	.3									.6	6.0
ENE	.2	.3	.3	.1								1.0	6.0
E	.5	1.9	1.2	.2								3.9	6.1
ESE	3.1	5.3	3.0	1.7	.4	.2						13.8	6.7
SE	6.6	17.9	5.7	2.2	.1							32.5	5.5
SSE	6.9	8.8	4.1	.2								20.1	4.7
S	2.4	2.0	.6									5.1	4.0
SSW	.8	.4	.1									1.3	3.3
SW	1.3	.5	.1									1.9	3.1
WSW	.6	.5	.3									1.5	4.3
W	.6	.4	.4									1.6	4.5
WNW	.6	.2										.9	2.4
NW	.3	.3	.5	.1								1.3	6.3
NNW	.3	.3										.6	3.5
VARBL													
CALM												12.9	
	25.1	39.8	16.8	4.5	.5	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 55-70,73-79 YEARS — JA MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.1										.8	2.6
NNE	.4											.4	3.0
NE	.4		.1									.5	3.2
ENE	.3	.1	.4	.3								1.2	5.5
E	1.7	1.4	.9	.4								4.4	5.3
ESE	1.3	5.2	2.5	1.3	.4							10.7	6.9
SE	6.9	13.1	7.7	2.2	.4							30.2	5.9
SSE	5.3	10.7	5.0	.3								21.3	5.1
S	3.6	2.7	1.1	.1								7.4	4.0
SSW	1.0	.6	.2	.1	.1							2.0	4.9
SW	.3	.5	.1									1.0	4.0
WSW	.9	.1		.1								1.1	3.3
W	.5	.8	.4									1.7	4.9
WNW	.3	.5	.3									1.2	4.9
NW	.2	.3										.5	3.6
NNW	.5	.5	.2									1.3	4.4
VARBL													
CALM												14.2	
	24.4	36.7	18.9	4.9	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION — DAVIS-MONTHAN AFB A/ STATION NAME — 70,73-79 YEARS — JA MONTH

ALL WEATHER CLASS — 090 1-100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	.1									1.1	3.3
NNE	.3	.1	.2									.6	4.5
NE	.4	.4	.1	.1								1.0	5.1
ENE	.9	1.0	.2	.4	.2							2.7	6.7
E	1.8	1.8	1.2	.4								5.3	5.4
ESE	2.2	2.6	2.0	2.0	1.3	.1						11.7	8.9
SE	3.7	6.1	5.6	3.1	.6	.1						19.2	7.3
SSE	4.4	5.7	4.4	1.1								15.6	5.6
S	4.8	4.2	1.1	.1								10.2	4.6
SSW	1.2	.2	.2	.8								2.4	6.1
SW	1.1	1.0	.2	.3								2.6	5.6
WSW	.5	.4	.9	.1								1.9	6.3
W	1.2	1.1	1.0	.3								3.5	5.7
WNW	1.1	.2	.5	.3								2.2	5.3
NW	1.0	1.1	.4	.1								2.6	4.3
NNW	1.0	.8	.2									1.9	3.7
VARBL													
CALM												15.5	
	26.0	27.2	18.9	10.0	2.2	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 030

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 52-70,73-79 (YEARS) JA (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	3.9	1.9	.9									6.7	3.8
NNE	1.4	.6	.2									2.4	3.3
NE	2.4	1.1	.6									4.1	3.6
ENE	1.2	.9	.5	.6	.1							3.5	6.8
E	2.0	1.7	1.2	.5	.1							5.6	5.7
ESE	2.9	1.2	1.5	2.3	.8	.1						7.9	8.9
SE	1.3	2.4	1.1	1.5	.2	.1						6.6	7.3
SSE	1.3	1.5	.6									3.5	4.5
S	1.1	1.4	.9	.2								3.6	5.2
SSW	.9	.4	.8	.4	.2							2.7	7.4
SW	.8	.5	.3	.4	.2							2.3	7.3
WSW	1.3	.9	.6	.3	.1							3.2	6.1
W	3.0	2.5	2.3	1.2								9.0	5.9
WNW	1.8	2.5	1.6	1.4								7.3	6.8
NW	2.2	2.7	2.2	.5								7.6	5.6
NNW	2.0	2.7	1.5	.2								6.5	5.0
VARBL													
CALM												17.8	
	28.0	25.0	16.8	9.4	1.7	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23100 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70, 72-79 YEARS — JA MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.3	1.1	.1								7.7	4.3
NNE	1.3	.3		.1								1.7	3.6
NE	.6	1.0	.6	.2								2.5	6.2
ENE	.3	1.0	1.0	1.3	.1							3.7	9.0
E	.8	1.5	1.0	.3								3.6	6.1
ESE	.6	1.1	.6	1.2	.1							3.7	8.2
SE	.2	.4	.3	.8								1.7	8.7
SSE	.2	.2	.1									.5	5.2
S	.3	.5	.6	.5								2.3	8.1
SSW	.3	.3	.4	1.0								2.1	9.9
SW	.3	.4	1.2	.8	.1							2.7	9.8
WSW	1.6	.5	.8	.8	.1							3.1	7.3
W	1.6	2.1	2.3	1.8								7.8	7.6
WNW	1.0	3.5	3.9	1.6								9.9	7.5
NW	3.0	7.7	7.3	2.1	.1							20.2	6.7
NNW	3.0	7.1	3.7	.7	.2							15.8	6.1
VARBL													
CALM												10.0	
	17.8	31.0	27.0	13.4	.8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 55-70,73-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.8	.1									2.7	2.1
NNE	1.1	.3	.1	.1								1.6	4.3
NE	.5	.4	.2	.1								1.2	4.4
ENE	1.0	1.0	1.4	.5								3.9	5.9
E	1.2	2.5	1.8	.5								6.0	5.0
ESE	.8	.4	1.3	.5		.1						3.1	7.8
SE	.4	1.4	.2									2.0	4.6
SSE	1.3	1.1	.2									2.6	4.0
S	.6	1.0	.8	.3								2.7	6.3
SSW	.4	.4	.3	.4								1.5	7.3
SW	.9	.5	.9									2.2	5.5
WSW	1.1	1.2	.5	.3								3.1	5.1
W	2.7	2.2	1.3	.2								6.4	4.7
WNW	3.5	4.1	2.5	.4								10.5	4.9
NW	5.0	8.4	3.8	.9	.3							18.2	5.2
NNW	4.4	3.9	1.1	.2								9.6	4.2
VARBL													
CALM												22.2	
	26.6	29.6	16.5	4.0	.3	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 46-70,73-79 (YEARS) JA (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	.2										.8	2.5
NNE		.1										.1	4.0
NE	.2	.4	.1									.8	4.1
ENE	.2	.2	.4	.1								1.0	7.2
E	1.5	1.4	2.2	.4								5.5	5.2
ESE	3.1	4.2	2.5	1.2	.1							11.1	5.9
SE	5.8	10.9	1.0	.4								18.1	4.4
SSE	6.6	8.2	.9									15.9	3.9
S	4.5	3.6	.3	.2								8.6	3.5
SSW	1.6	1.1	.1	.2								3.0	4.2
SW	1.7	1.2	.5	.3								3.8	4.7
WSW	1.6	.9	.2	.2								2.9	4.1
W	1.9	1.6	.4	.1	.1							4.2	4.8
WNW	1.0	1.5	.4	.1								3.0	4.4
NW	1.0	.4	.8	.3	.1							2.6	6.3
NNW	.6			.1								.8	3.5
VARBL													
CALM												17.8	
	32.3	36.0	9.6	3.8	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 226

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 60-70,73-79 (YEARS) JA (MONTH)

ALL OF THE (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	.8	.3	.1								2.6	3.7
NNE	.6	.3	.1	.1								.9	3.7
NE	.9	.5	.3	.1								1.4	4.8
ENE	.8	.6	.5	.5	.1							2.3	7.0
E	1.3	1.8	1.3	.4	.0							4.9	5.9
ESE	2.0	3.2	2.2	1.0	.4	.1						9.5	7.2
SE	4.1	9.7	3.2	1.4	.2	.						17.7	5.7
SSE	4.1	5.5	2.0	.2								11.8	4.7
S	2.7	2.3	.8	.2								6.0	4.3
SSW	1.0	.6	.3	.4	.0							2.3	5.8
SW	.8	.7	.4	.2	.0							2.3	5.6
WSW	.9	.6	.5	.3	.0							2.3	5.5
W	1.6	1.4	1.0	.5	.0							4.5	5.7
WNW	1.2	1.6	1.2	.2		.1						4.5	6.0
NW	1.6	2.7	1.9	.5	.1							6.8	5.9
NNW	1.5	1.9	1.1	.2	.0							4.7	5.2
VARBL													
CALM												15.4	
	26.3	33.2	17.1	7.0	.9	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7417

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION — DAVIS-MOUNTAIN AFB AZ STATION NAME — 4-70,73-79 YEARS — FEB MONTH

ALL WEATHER CLASS — 0000-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4											.4	1.7
NNE	.2	.1										.4	2.7
NE	.1	.1										.2	2.5
ENE	.2	.2	.5	.1								1.1	6.9
E	1.2	2.0	1.7	.6			.1					5.6	6.8
ESE	1.8	5.9	3.4	1.4	.1							12.6	6.4
SE	9.5	10.4	3.0	1.2	.1							30.1	4.7
SSE	5.3	11.5	1.9									18.7	4.3
S	3.7	4.1	.4									8.2	3.8
SSW	1.8	1.1	.5									3.3	3.5
SW	1.1	1.2	.2	.1								2.6	4.7
WSW	.6	.6										1.2	3.5
W	.5	.2	.4	.1								1.2	5.8
WNW	.4	.5	.4									1.2	5.1
NW	.4	1.1	.5		.1							2.0	6.1
NNW													
VARBL													
CALM												11.3	
	27.3	45.0	12.1	3.5	.6		.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 945

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0600 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	.1											.1	1.0
ENE		.2	.2									.5	6.3
E	.7	2.2	1.5	.4	.2	.2						5.2	7.5
ESE	3.1	5.6	2.6	1.5	.2	.1						13.4	5.3
SE	8.3	16.9	8.2	1.9		.2						35.5	5.7
SSE	5.3	12.2	2.4	.1								20.0	4.6
S	3.2	3.4	.5									7.1	3.9
SSW	.2	.4	.2	.1								.9	5.0
SW	.4	.4	.2									.9	4.8
WSW	.3	.4	.1		.1							1.1	5.2
W	.1	.7	.5	.4								1.7	7.6
WNW			.3									.5	8.0
NW	.2	.5	.4	.2	.1							1.4	7.9
NNW	.2	.1		.2								.6	6.2
VARBL													
CALM												11.1	
	22.3	43.1	17.3	4.3	.7	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 946

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23155 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 70,73-79 (YEARS) FEB (MONTH)

ALL OF THE (CLASS) 0001-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4										.5	4.5
NNE	.1	.1										.2	3.0
NE	.1	.1										.2	3.5
ENE	.3	.2	.2	.1								1.4	5.7
E	.7	1.7	1.1	.2								3.7	5.0
ESE	2.4	3.9	3.5	2.1	.2		.1					13.0	7.4
SE	6.4	14.4	8.0	1.7	.1							20.6	5.2
SSE	6.9	13.0	6.1	.1								26.1	5.0
S	4.0	2.5	1.3	.2								8.0	4.3
SSW	.5	.9	.5									2.0	4.2
SW	.9	.1	.1									1.2	2.9
WSW	.2	.1	.1									.5	5.3
W	.2	.6	.4	.2								1.4	6.5
WNW	.2	.1			.1							.5	7.0
NW	.1	.1	.2									.5	6.3
NNW	.1	.4	.1									.6	5.8
VARBL													
CALM												9.6	
	23.8	38.7	22.0	5.4	.5		.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23102 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 63-70,73-79 (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	.6	.6										1.2	3.4
NNE	.5	.2										.7	3.2
NE	.4	.8	.1	.1								1.4	4.[illegible]
ENE	1.1	.7	.9	.1	.1							3.0	5.9
E	2.3	2.2	2.1	.7		.1						7.8	4.6
ESE	2.2	2.7	3.3	1.8	.9	.1						11.1	[illegible].0
SE	3.3	6.1	4.5	2.5	.7	.4						17.5	7.5
SSE	4.3	7.1	2.8	.2								14.4	4.[illegible]
S	4.5	5.6	1.3	.4								11.7	4.6
SSW	1.1	1.1		.1	.2							2.5	5.4
SW	1.3	.7	.5									2.5	4.0
WSW	1.5	.8	.5									2.8	4.0
W	1.1	.8	.9	.1	.1							3.1	5.7
WNW	.8	.7	.7	.5								2.7	6.7
NW	.2	.5	.2	.1								1.1	5.3
NNW	.7	.6	.2									1.5	4.2
VARBL													
CALM												15.0	
	26.1	31.3	18.2	6.0	2.1	.0						100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 65-70,73-79 (YEARS) FEB (MONTH)

ALL IFR THRU (CLASS)

120-1400 (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	2.7	2.4	.8									5.9	3.9
NNE	1.3	.6	.1									2.0	3.2
NE	.0	1.2		.2	.1							2.1	6.1
ENE	2.1	.9	.5	.4	.1							4.0	4.7
E	2.0	1.1	1.3	.7								5.1	5.9
ESE	.9	.9	2.5	2.2	1.9	.4						8.9	11.7
SE	1.5	.9	1.1	1.5	.8							5.9	9.3
SSE	.0	1.1	.7		.1							2.7	5.6
S	1.3	.8	.6	.5	.4							3.7	7.0
SSW	.6	.4	.9	1.4	.2							3.5	9.4
SW	.0	1.4	.7	.7	.5							3.9	8.2
WSW	1.3	1.4	.8	.0	.2							4.4	6.6
W	3.2	4.1	1.7	1.4	.2							10.6	6.1
WNW	.9	2.7	2.0	1.4								7.1	7.2
NW	3.3	2.0	2.1	.7	.2							8.4	5.7
NNW	2.6	3.8	.8	.4	.1							7.7	5.1
VARBL													
CALM												14.1	
	25.9	25.8	16.7	12.3	5.0	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 70,73-79 (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	1.8	2.6	1.3									5.7	4.9
NNE	.8	1.1	.1									2.0	4.1
NE	.5	.8	.6	1.1								3.0	7.7
ENE	.0	1.2	.8	.7	.2							3.8	8.3
E	.9	1.1	.9	.6	.1							3.7	6.9
ESE	.4	.8	1.2	1.3	.5							4.1	9.8
SE	.2	.2	.4	.7	.1							1.7	10.3
SSE	.6	.1	.2	.1								1.1	5.0
S	.4	.5	.5	.5								1.8	7.6
SSW	.6	.2	.6	1.5	.5	.1						3.6	11.3
SW	.1	.2	.6	1.3	.4							2.6	11.4
WSW	.1	.7	1.5	1.3	.1	.1						3.9	9.7
W	1.3	3.0	3.7	2.1	.5	.1						10.7	8.2
WNW	1.1	4.6	4.0	2.6	.2							12.5	7.7
NW	2.0	5.0	7.7	3.2	.4							18.2	7.6
NNW	2.6	5.9	4.9	1.9								15.3	6.5
VARBL													
CALM												6.5	
	14.0	28.0	29.0	19.2	3.0	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 845

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 60-70,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	.5									2.6	4.3
NNE	.7	.2	.2									1.2	3.7
NE	.7	.4	.4	.2								1.7	5.6
ENE	.6	2.0	2.1	1.2								5.9	7.2
E	.5	1.3	2.5	.6	.1							5.0	7.3
ESE	.7	.6	.5	.2								2.0	5.5
SE	.4	.7										1.1	4.2
SSE	.6	.1		.1	.1							1.0	5.5
S	.8	.5		.1								1.4	3.9
SSW	1.0	.6	.6	1.1								3.2	7.8
SW	.5	.5	1.3	.4								2.6	6.7
WSW	1.1	1.4	.8	.5	.1							3.9	6.5
W	3.1	2.0	1.9	.6	.1							7.7	5.7
WNW	2.9	4.6	4.8	.8								13.1	6.1
NW	4.6	11.0	7.0	2.4								25.7	6.1
NNW	2.0	4.0	3.3	.1	.1							9.6	5.2
VARBL													
CALM												12.4	
	20.9	31.4	26.5	8.3	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 342

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 66-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1									.5	4.3
NNE	.2											.2	1.5
NE			.1									.1	8.0
ENE	.2	1.4	1.0	.1								2.7	6.4
E	.7	2.3	2.1	.6								5.7	6.5
ESE	1.9	3.3	1.0	.7	.2							7.1	6.0
SE	4.5	7.4	1.9	.1	.1							14.0	4.6
SSE	6.7	6.8	.7									14.1	3.7
S	5.1	6.1	.6									11.8	3.6
SSW	2.4	1.4	.5	.2								4.5	4.1
SW	2.3	1.3	.1	.4								4.0	3.9
WSW	1.5	.7										2.3	2.8
W	3.9	2.1	.6	.1								6.8	3.8
WNW	1.2	1.4	1.1	.4								4.0	5.4
NW	.8	.5	.4	.4								2.0	5.1
NNW	.5	.5		.1								1.1	4.9
VARBL													
CALM												19.0	
	32.1	35.4	10.1	3.1	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 842

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23183 STATION — DAVIS-MONTHAN AFB,AZ STATION NAME — 56-70,73-79 YEARS — FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	.3									2.1	4.2
NNE	.5	.3	.1									.9	3.5
NE	.3	.4	.1	.2	.0							1.1	4.1
ENE	.7	.9	.8	.4	.1							2.9	6.7
E	1.2	1.7	1.7	.5	.1	.0	.0					5.2	6.5
ESE	1.7	3.0	2.2	1.3	.5	.1	.0					9.0	7.6
SE	4.3	7.9	3.4	1.2	.3	.1						17.1	5.2
SSE	3.9	6.5	1.8	.1	.0							12.3	4.6
S	2.9	2.9	.6	.2	.0							6.7	4.4
SSW	1.0	.8	.5	.6	.1	.0						2.9	6.6
SW	.9	.7	.5	.4	.1							2.5	6.1
WSW	.9	.8	.5	.3	.1	.0						2.5	6.1
W	1.7	1.7	1.2	.5	.1	.0						5.4	6.2
WNW	.9	1.8	1.7	.7	.0							5.2	6.7
NW	1.5	2.6	2.4	.9	.1							7.4	6.0
NNW	1.1	1.9	1.2	.3	.0							4.5	5.9
VARBL													
CALM												12.4	
	24.1	34.8	19.0	7.9	1.6	.2	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3759

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.3	.2										.5	3.4
NNE	.1	.1										.2	3.5
NE	.1		.1	.1								.3	6.7
ENE	.3	.2	.1									.6	4.5
E	1.0	1.7	.6									3.3	4.1
ESE	2.9	5.3	1.4	.3								9.9	4.3
SE	6.0	17.2	2.4									26.1	4.4
SSE	7.4	11.1	.9									19.4	3.9
S	4.3	4.0	1.1	.1								9.5	4.1
SSW	2.0	2.0	1.8	.6	.1							6.7	6.1
SW	.6	1.0	.8	.5								2.9	6.7
WSW	.9	1.0	.5									2.4	4.6
W	1.1	1.4	.9	.2		.1						3.7	4.1
WNW	.3	.5	.4	.1								1.4	5.3
NW		.2	.4	.2								.9	7.6
NNW	.3	.1	.1									.5	3.6
VARBL													
CALM												11.7	
	28.3	46.0	11.5	2.3	.1	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-78 (YEARS) A (MONTH)

ALL WEATHER (CLASS) 0400-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE	.2	.1										.3	4.0
NE	.1											.1	2.0
ENE	.1	.6	.2	.1								1.1	6.2
E	.6	1.2	.3									2.2	4.3
ESE	3.5	7.1	2.0	.3								13.0	5.0
SE	6.5	21.1	4.2	.1								31.9	4.8
SSE	4.3	10.5	1.6	.1								16.6	4.6
S	2.8	3.4	1.4	.3	.1							8.1	5.1
SSW	1.6	1.3	.6	.3								3.9	5.3
SW	.9	.8	1.3	.2								3.1	5.2
WSW	.9	.6	.8	.2	.1							2.6	6.6
W	.3	.8	.8									1.9	5.9
WNW	.2	.8										1.0	4.4
NW	.5	.2	.3	.2								1.3	5.9
NNW	.1	.1										.2	3.0
VARBL													
CALM												12.8	
	22.8	48.7	13.5	1.9	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) A (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2										.8	3.1
NNE	.2											.2	3.0
NE	.3		.1									.4	3.5
ENE	.4	.5	.1	.1								1.2	5.0
E	.0	1.4	.8									2.8	5.1
ESE	2.0	4.7	1.4	.5								8.2	5.1
SE	4.5	16.3	5.5	.0								27.0	5.4
SSE	4.7	14.7	5.1	.2								24.7	5.2
S	3.1	4.9	2.0	.2	.1							10.4	5.0
SSW	.5	.3	.6	.3								1.8	7.0
SW	.6	1.4	.6	.2								2.8	5.6
WSW	.5	.2	.2	.1	.1							1.2	6.3
W	.6	.6	.6	.3								2.3	5.8
WNW		.1	.2									.3	7.7
NW	.4	.2	.4									1.1	5.3
NNW	.1	.3										.4	4.0
VARBL													
CALM												13.2	
	20.0	46.1	17.7	2.7	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	1.2	.1									2.7	3.4
NNE	.5	.2	.1									.9	3.1
NE	1.4	.3	.3	.1								2.0	4.1
ENE	1.2	.4	.2	.6								2.5	5.2
E	1.9	1.4	.3	.2	.1							4.0	4.2
ESE	1.9	2.0	1.2	.8	.2							6.1	6.1
SE	2.2	4.7	2.4	1.1								10.2	5.4
SSE	3.9	6.4	2.2	.3								12.7	4.8
S	5.4	5.2	3.7	.9	.1							15.2	5.3
SSW	1.9	.5	1.5	1.2	.2	.1						5.5	7.4
SW	1.1	1.3	1.4	1.6	.1	.2						5.1	7.1
WSW	1.2	1.1	1.0	.6								4.0	6.0
W	1.9	1.1	1.8	.6	.1							5.6	6.2
WNW	1.3	1.5	.9	.2	.2							4.1	5.8
NW	1.5	1.6	1.0	.2								4.3	5.0
NNW	1.1	.2	.3	.2								1.8	5.0
VARBL													
CALM												13.3	
	29.8	29.2	18.3	8.0	1.1	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 629

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 47-70,73-78 (YEARS) A (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.9	1.7	.1								7.0	4.9
NNE	.4	.6	.1	.1								1.2	4.5
NE	1.9	.5	.1	.1								2.7	3.3
ENE	.6	.8	.2	.4	.1							2.2	6.9
E	.6	1.1	.5									2.2	4.8
ESE	.4	.8	.2	.2	.1							1.7	6.6
SE	.8	.6	.6	.2	.3							2.6	7.2
SSE	.6	1.1	.5	.2								2.6	5.5
S	1.2	1.8	1.1	1.0	.2							5.3	7.1
SSW	1.1	.5	1.5	3.8	.6							7.5	10.8
SW	.6	1.0	1.7	3.4	.6	.1						7.5	11.0
WSW	1.4	1.4	2.5	2.5	1.0							8.7	9.5
W	2.2	3.9	2.6	2.2	.6							11.4	7.5
WNW	1.2	3.0	3.0	1.8	.1							9.1	7.5
NW	2.5	3.7	4.0	1.6	.3							12.1	7.1
NNW	2.4	3.4	2.0	.4	.1							8.4	5.5
VARBL													
CALM												7.6	
	20.3	27.1	22.5	18.1	4.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) A (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	2.0	.2								6.5	5.
NNE	.6	.5	.1									1.3	4.1
NE	.5	.3	.3									1.2	3.9
ENE	.2	.4	.3									1.0	5.0
E	.2	.3	.2									.8	4.8
ESE	.2	.3	.5	.1								1.2	6.5
SE	.2			.2								.4	8.0
SSE		.1										.1	5.0
S	.2	.4	.8	.6	.3	.1						2.5	11.1
SSW	.3	.2	1.3	1.7	.9	.2						4.6	12.2
SW	.4	.3	1.5	4.9	.9	.2						8.3	12.7
WSW	.5	1.2	3.2	3.5	.4							8.9	9.5
W	1.1	3.4	5.3	4.4	.5							14.7	7.0
WNW	1.3	2.8	5.9	3.2	.2							13.4	6.4
NW	2.3	4.3	6.2	3.3	.4	.0						17.2	8.5
NNW	1.6	4.0	6.0	1.9	.1	.1						12.2	7.2
VARBL													
CALM												4.2	
	10.9	21.8	33.8	24.3	3.8	1.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1600-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	1.0	.2								5.1	4.5
NNE	.6	.2	.2	.1								1.2	4.3
NE	.2	.4	.1	.3								1.0	5.5
ENE		.5	.3	.2								1.1	7.6
E	.6	.5	.3									1.5	4.3
ESE		.3	.3	.1								.7	5.0
SE	.2	.2	.1									.5	4.0
SSE	.4	.2	.2	.1								1.0	5.3
S	.2	.4	.6	.3	.1							1.7	9.4
SSW	.4	.5	1.0	.9	.1							2.9	8.7
SW	1.0	1.2	1.6	2.0	.2							6.0	9.0
WSW	1.4	1.3	2.4	2.8	.3							8.2	9.8
W	2.2	3.4	3.3	1.8	.1							10.8	8.9
WNW	3.1	3.9	4.3	1.0								12.3	6.0
NW	4.5	6.7	8.8	2.9	.4							23.4	6.8
NNW	1.4	3.9	3.9	.9								10.0	6.5
VARBL													
CALM												10.0	
	18.5	27.8	28.7	13.7	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23169 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) 10 (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	.4										.6	3.-
NNE		.3										.3	4.3
NE	.1	.4	.2	.1								.9	5.5
ENE	.2	.4	.4	.1								1.2	4.3
E	.6	.9	.2	.1								1.8	4.6
ESE	.9	2.0	.6									3.5	4.6
SE	2.6	4.2	.9									7.6	4.3
SSE	5.1	4.9	.4									10.4	3.7
S	6.0	3.9	.9	.3								11.1	3.8
SSW	2.2	2.8	1.0	.4								6.3	4.9
SW	1.5	1.8	1.9	.9								6.1	6.4
WSW	1.0	2.0	1.2	.2								5.3	5.1
W	2.9	3.2	2.3	.4								8.8	5.2
WNW	2.9	3.7	.5	.1								7.2	4.1
NW	1.4	1.6	.9	1.0								4.9	4.4
NNW	.8	.3	.3									1.4	3.9
VARBL													
CALM												22.3	
	29.1	33.0	11.9	3.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 DAVIS-MONTHAN AFB AZ 67-70,73-78 JAN

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	1.3	.0	.1								2.5	4.5
NNE	.4	.3	.1	.0								.7	4.1
NE	.0	.3	.2	.1								1.1	4.4
ENE	.4	.5	.2	.2	.0							1.3	5.2
E	.8	1.1	.4	.0	.0							2.3	4.5
ESE	1.0	2.8	1.0	.3	.0							5.7	5.2
SE	2.9	8.1	2.0	.3	.0							13.3	5.0
SSE	3.3	6.1	1.4	.1								10.9	4.6
S	2.9	3.0	1.4	.5	.1	.0						8.0	5.3
SSW	1.3	1.0	1.2	1.2	.2	.0						4.9	7.9
SW	.8	1.1	1.4	1.7	.2	.1						5.3	9.0
WSW	1.1	1.1	1.5	1.3	.2							5.1	7.9
W	1.5	2.2	2.2	1.3	.2	.0						7.4	7.1
WNW	1.3	2.0	1.9	.8	.1							6.1	6.6
NW	1.6	2.6	2.0	1.2	.1	.1						8.4	7.1
NNW	1.0	1.5	1.6	.4	.0	.0						4.6	6.6
VARBL													
CALM												11.9	
	22.5	35.0	19.8	9.3	1.4	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70, 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				.1							1.0	4.1
NNE													
NE	.1											.1	2.0
ENE	.1	.4	.1	.3								1.0	7.0
E	1.4	1.7	.3									3.4	4.0
ESE	2.3	6.9	.9	.2	.1							10.4	4.8
SE	6.9	16.9	.7									24.4	4.2
SSE	5.0	10.4	.6									16.8	4.0
S	4.6	6.2	.4	.3	.1							11.7	4.2
SSW	1.7	2.0	.3	.2								4.2	4.5
SW	2.2	2.0	.6	.1								4.9	4.2
WSW	1.3	.8		.2								2.5	3.9
W	1.4	1.1	.7	.1								3.3	4.1
WNW	.2	.6	.9									1.7	5.4
NW	.4	.3	.4	.2								1.4	5.6
NNW	.6	.3		.3								1.2	5.2
VARBL													
CALM												11.6	
	30.4	49.7	5.5	2.1	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0500-0500 (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											.2	3.0
NNE			.1									.1	7.0
NE		.2	.3									.5	7.0
ENE	.7	.4	.2									1.3	4.0
E	1.2	.3	.5									2.1	3.9
ESE	2.7	7.2	1.4	.1								11.4	4.8
SE	8.4	25.1	3.3									36.9	4.6
SSE	7.4	14.1	1.2									22.8	4.2
S	3.0	3.3	.4	.2								7.0	4.1
SSW	.9	.6	.1	.3	.1							2.0	6.0
SW	.4	.2	.7	.1								1.4	5.8
WSW	1.1	.8			.1							2.0	4.2
W	1.3	.1										1.4	2.3
WNW	.6		.1									.7	3.7
NW		.2	.2	.4	.1							1.0	11.0
NNW	.3	.2	.1									.7	3.8
VARBL													
CALM												8.2	
	28.3	52.9	8.9	1.2	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23103 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1										.2	4.0
NNE	.2											.2	1.0
NE	.2			.1								.3	5.7
ENE	.4	.2	.3		.1							1.1	5.2
E	1.2	1.8	.4									3.4	4.5
ESE	1.8	3.6	1.4	.1								7.1	4.8
SE	5.6	15.4	6.1	.4								28.1	5.3
SSE	4.0	15.7	7.7	.1								27.4	5.4
S	4.6	5.3	1.7	.1								11.7	4.4
SSW	.7	.6	.2	.4								1.9	6.9
SW	.6	.8	.6	.2								2.1	5.7
WSW	.4	.9	.6	.6								2.4	7.3
W	.7	.6	.6	.1								1.9	5.5
WNW	.4	.1		.1		.1						.8	7.6
NW	.7	.6	.6									1.8	4.7
NNW	.2		.3									.6	5.8
VARBL													
CALM												3.0	
	22.0	45.8	20.4	2.7	.1	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.2	.4									3.7	3.8
NNE	.7	1.0		.1								1.8	4.3
NE	.7	.3	.2									1.2	3.5
ENE	1.0	.7	.6	.2	.2							2.7	5.3
E	2.0	.9	.6	.6								4.0	5.3
ESE	1.8	1.6	.9	.3								4.6	5.0
SE	2.0	2.1	1.8	1.0	.1							7.0	6.4
SSE	3.2	3.8	1.1	.4								8.6	4.6
S	3.9	4.3	2.7	1.0								11.9	5.5
SSW	1.4	1.3	1.7	2.1	.4							7.0	8.6
SW	1.9	.8	.7	1.3	.3							5.0	7.0
WSW	2.0	1.4	1.0	.3								4.8	4.9
W	2.3	2.7	1.3	1.7	.2	.1						8.3	6.9
WNW	2.0	1.2	1.0	.6								4.8	5.3
NW	1.7	2.1	1.6	.4								5.8	5.5
NNW	1.6	1.4	1.0	.6								4.6	5.5
VARBL													
CALM												14.4	
	30.1	26.9	16.4	10.7	1.3	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 960

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23102 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.7	1.6	.2								6.9	5.0
NNE	1.0	.9	.2									2.1	4.0
NE	.7	.7		.3								1.7	5.2
ENE	.4	.3		.2								1.0	5.4
E	1.3	.3	.6	.5								2.8	6.2
ESE	.4	.3	.9	.1								1.8	6.2
SE	.6	.9	.2	.4		.1						2.2	7.6
SSE	.4	.7	.4									1.6	5.1
S	1.1	1.2	1.3	1.2	.1							5.0	7.6
SSW	.4	1.3	2.0	2.8	.4	.1						7.1	10.3
SW	.6	2.4	2.6	2.8	.2	.1						8.7	9.2
WSW	1.1	2.9	2.3	3.7	.3	.2						10.6	9.3
W	1.7	4.3	5.3	4.1	.9	.2						16.6	8.3
WNW	1.0	2.4	3.2	1.4	.3							8.4	8.1
NW	1.1	3.0	3.7	1.1	.1							9.0	7.0
NNW	2.1	3.9	3.2	.7	.1							10.0	6.2
VARBL													
CALM												4.7	
	16.3	28.3	27.6	19.8	2.6	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1700 (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	1.0	1.9	1.1	.4								4.4	5.7
NNE	.2	.2										.4	3.5
NE	.6	.2	.1	.2								1.1	5.3
ENE	.3	.6	.2	.3								1.4	6.6
E	.1	.4	.2	.4								1.2	8.1
ESE	.1	.1	.1	.1								.4	7.8
SE	.1	.3	.2	.1								.8	5.4
SSE	.1			.1								.2	7.5
S	.1	.3	.3	1.0	.1							1.9	10.4
SSW	.4	.2	1.7	2.3	.6							5.2	11.0
SW	.3	.7	2.6	3.9	1.2	.1						8.8	12.1
WSW	.0	1.0	4.3	6.4	1.1	.1						13.6	11.3
W	.9	3.2	9.0	6.4	.6							20.0	9.7
WNW	.8	2.6	6.0	3.1	.4							12.9	9.1
NW	1.4	3.1	5.6	3.4	.1							13.9	8.2
NNW	1.3	3.6	5.0	2.3	.1							12.3	7.9
VARBL													
CALM												1.3	
	8.3	18.4	36.7	30.8	4.2	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.8	.1								2.6	4.7
NNE	.1	.1	.2	.1								.6	[illegible]
NE	.1	.1	.2		.1							.6	[illegible]
ENE	.2	.6	.4	.2	.1							1.6	7.9
E	.1	.3	.2	.3	.1							1.0	10.5
ESE	.1	.3										.4	4.2
SE	.1	.1	.2	.1	.1							.7	8.7
SSE		.1	.2									.3	7.7
S	.2	.3	.4	.4								1.4	[illegible]
SSW	.3	.2	1.0	1.0	.1							3.2	[illegible]
SW	1.3	1.3	2.1	2.3	.3							7.5	8.7
WSW	1.2	2.3	5.2	2.8								11.6	[illegible]
W	2.6	5.1	9.0	3.1	.4							20.2	7.8
WNW	1.8	3.9	3.1	1.2	.1							10.1	6.9
NW	2.7	7.6	8.6	2.7	.2							21.7	7.2
NNW	1.2	4.1	4.7	1.6	.1							11.9	7.4
VARBL													
CALM												4.7	
	13.2	27.1	36.4	16.3	1.8							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 299

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) -- (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	.3	.1									1.3	3.0
NNE	.7											.7	2.3
NE	.2											.2	2.0
ENE	.7	.2	.2	.1								1.2	4.4
E	.4	1.1	.3	.3								2.2	6.0
ESE	.7	.9	.0	.2	.1	.1	.1					2.7	8.0
SE	2.4	1.9	.8	.1								5.2	4.2
SSE	3.1	4.0	.1									7.2	3.7
S	6.3	3.1	.6									10.0	3.3
SSW	3.0	1.6	.6	.3								5.4	4.4
SW	2.9	2.2	.9	.6								6.6	4.7
WSW	3.8	3.4	1.4	.1	.1							8.9	4.0
W	5.0	4.8	2.0	.4								12.2	4.5
WNW	2.8	4.2	1.9	.6								9.4	5.2
NW	2.2	2.8	1.6	1.1	.1							7.8	6.2
NNW	.7	.7	.6									1.9	4.6
VARBL													
CALM												17.0	
	35.8	31.2	11.5	3.9	.3	.1	.1					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.8	.5	.1	.0							2.5	4.7
NNE	.4	.3	.1	.0								.7	4.2
NE	.3	.2	.1	.1	.0							.7	5.3
ENE	.5	.4	.3	.2	.1							1.4	6.1
E	1.0	.9	.4	.2	.0							2.5	5.4
ESE	1.2	2.6	.8	.2	.0	.1	.0					4.9	5.1
SE	3.3	7.8	1.7	.3	.0	.1						13.2	4.9
SSE	3.0	6.1	1.4	.1								10.6	4.5
S	3.0	3.0	1.0	.5	.0							7.6	4.9
SSW	1.1	1.0	.9	1.3	.2	.1						4.5	6.1
SW	1.3	1.3	1.3	1.4	.3	.1						5.6	6.0
WSW	1.5	1.7	1.9	1.8	.2	.1						7.1	6.0
W	2.0	2.7	3.5	2.0	.3	.1						10.5	7.6
WNW	1.2	1.9	2.0	.9	.1	.1						6.1	7.2
NW	1.3	2.5	2.8	1.2	.1							7.8	7.1
NNW	1.0	1.8	1.9	.7	.0							5.4	6.8
VARBL													
CALM												3.9	
	23.1	35.0	20.5	11.0	1.4	.2	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1										.4	3.0
NNE	.2	.1										.3	2.7
NE	.3	.2	.1	.2								.9	6.5
ENE	.3	1.0	.3	.3								1.9	6.4
E	1.9	2.3	.6	.1								4.9	4.3
ESE	2.5	4.1	.8	.1	.2							7.6	4.6
SE	6.3	13.8	1.3	.1								21.5	4.3
SSE	7.8	13.0	.6	.1								21.6	3.9
S	7.0	7.0	.6			.1						14.7	3.7
SSW	1.9	1.4	.1	.1								3.5	3.7
SW	1.7	1.5	.3	.2								3.6	4.4
WSW	1.5	.9	.2	.1								2.7	3.7
W	.6	1.1	.5									2.3	4.7
WNW	.4	.3	.3									1.1	4.3
NW	.5	.1										.6	3.0
NNW	.3											.3	3.0
VARBL													
CALM												11.7	
	33.9	46.8	5.9	1.4	.2	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70, 73-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE			.1									.1	7.0
NE	.1	.2										.3	4.3
ENE	.3	.4	.1									1.1	3.7
E	1.4	3.2	.9	.2								5.7	5.0
ESE	3.2	7.2	1.6	.4								12.5	5.2
SE	8.1	24.3	3.2	.4								36.0	4.7
SSE	5.4	16.5	1.7	.2								23.8	4.6
S	2.4	4.7	.6									7.7	4.2
SSW	1.1	.3	.2									1.6	3.6
SW	.4	.4	.3									1.2	4.7
WSW	.6	.3	.1									1.1	2.9
W	.2	.1	.2									.5	5.4
WNW		.1										.1	6.0
NW		.1		.1								.2	8.5
NNW	.1		.1	.1								.3	8.0
VARBL													
CALM												7.6	
	23.5	58.1	9.2	1.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 738

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

ALL WEATHER CLASS | 0000-0900 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3			.1								.4	5.0
NNE	.1											.1	2.0
NE	.4		.1									.5	3.5
ENE	.8	.3	.1	.1								1.3	4.5
E	1.6	1.7	1.2	.1								4.6	5.3
ESE	1.5	4.3	1.6	.2								7.6	5.4
SE	5.9	12.7	6.5	.3	.1							25.4	5.2
SSE	6.1	17.1	6.1	.6	.3							30.3	5.3
S	5.9	6.7	2.5	.2	.1							15.4	4.5
SSW	1.4	.2	.2	.1								1.9	3.7
SW	.6	.5	.9									2.0	5.0
WSW	.4		.3									.8	4.4
W	.1	.2	.1									.4	4.5
WNW	.3	.3	.2									.9	4.4
NW	.1	.1	.2									.4	7.0
NNW	.1	.3	.1									.5	4.5
VARBL													
CALM												7.3	
	25.8	44.4	20.1	1.8	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 DAVIS-MONTHAN AFB AZ 67-70,73-78 MAY
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	.3									4.2	3.3
NNE	1.5	.5	.1									2.2	2.9
NE	1.6	.5			.1							2.3	3.5
ENE	1.5	.4	.3	.1								2.5	3.7
E	2.9	1.7	.2	.2	.2							5.3	4.1
ESE	.9	1.1	.9	.5	.4							4.1	5.3
SE	3.0	2.4	1.0	1.0	.6							8.0	6.4
SSE	3.1	2.0	1.1	.5	.1							7.0	5.1
S	3.7	4.3	1.9	1.0								10.9	5.2
SSW	2.3	1.5	1.9	1.7	.1	.1						7.6	7.3
SW	2.4	1.8	1.3	.5	.2							6.2	5.7
WSW	1.8	2.4	.4	.5								5.2	5.1
W	3.1	2.3	.8	.2		.1						6.5	4.7
WNW	1.3	2.4	1.1	.1								4.9	5.1
NW	1.8	1.5	.5	.2								4.1	4.5
NNW	2.0	2.7	.8	.2								5.7	4.4
VARBL													
CALM												13.6	
	35.2	29.3	12.6	7.3	1.8	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23100 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.5	2.0									6.5	4.9
NNE	.5	1.3	.2									2.0	4.5
NE	.9	.2	.4	.1								1.6	4.1
ENE	.3	.3	.4	.4								1.5	5.0
E	.6	.4	.5	.1								1.6	4.0
ESE	.2	1.0	.1	.6	.1	.1						2.2	7.0
SE	.4	.9	.6	.4								2.4	6.0
SSE	.8	1.2	.4	.5								2.9	5.3
S	.9	1.9	1.8	1.2								5.8	7.4
SSW	.3	1.5	2.7	2.3	.6							7.4	10.3
SW	1.0	1.2	3.5	2.3	.4	.3						8.7	9.7
WSW	1.8	2.4	2.8	1.9		.1						9.0	7.5
W	1.3	5.6	5.2	3.1								15.2	7.4
WNW	1.8	2.5	4.3	1.1	.1							9.8	7.2
NW	1.4	4.5	3.1	.9	.1							10.0	6.5
NNW	1.3	4.7	3.1	1.2								10.3	6.5
VARBL													
CALM												3.1	
	15.6	32.0	31.2	16.1	1.4	.5						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DAY (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	1.0	2.3	2.7	.3								6.2	6.5
NNE	.5	.6	.5		.1							1.9	6.1
NE	.2	.1	.6									1.0	6.6
ENE	.2	.5	.3	.5	.1							1.7	9.7
E	.1	.3	.6	.3								1.4	8.5
ESE	.1		.2	.3								.6	11.3
SE		.2	.1	.2	.2							.8	11.4
SSE	.4	.2	.2	.1								1.0	4.3
S	.3	.5	.5	.2		.1						1.7	7.9
SSW	.3	.6	1.2	2.4	.4							4.9	10.9
SW	.3	.9	4.1	4.2	.8	.2						10.4	11.4
WSW	.4	1.8	5.3	5.1	.1	.1						12.9	10.0
W	1.3	4.7	10.1	4.9	.1							21.2	8.4
WNW	.6	2.7	4.0	1.9	.1							9.4	8.2
NW	.8	2.4	5.7	1.5	.3							12.7	8.9
NNW	.6	2.8	4.9	2.7	.1							11.2	8.4
VARBL													
CALM												1.2	
	7.3	20.8	41.2	26.8	2.4	.4						100	8.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23106 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) ANY (MONTH)

ALL WEATHER (CLASS) 1500-2000 (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	1.2	.9	2.7	.4								5.2	7.0
NNE	.5	.1	.3		.1							1.1	6.0
NE		.2	.4	.1								.7	8.3
ENE	.1		.3	.1								.5	7.6
E	.2	.2	.8	.6								1.3	9.2
ESE	.1	.2	.1	.3								.8	8.4
SE		.1	.3	.2								.8	10.7
SSE	.1		.4	.1								.6	8.5
S	.4	.5	.5	.6								2.2	7.9
SSW		1.0	1.0	1.1	.1	.1						3.2	10.1
SW	.3	1.1	2.2	2.4		.1						6.0	9.5
WSW	2.0	3.3	6.3	3.4	.1							15.3	8.0
W	1.6	4.4	9.0	3.1	.2							18.4	7.9
WNW	1.1	1.7	4.0	2.2	.1							9.0	8.3
NW	1.3	6.8	7.0	2.9								18.0	7.3
NNW	1.3	3.1	6.2	2.7	.1							13.4	8.0
VARBL													
CALM												3.0	
	10.3	23.7	41.6	20.4	.8	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 922

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23103 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.4										1.4	3.3
NNE	.4	.2	.1	.1	.1							1.0	6.7
NE	.3	.4		.1								.8	4.1
ENE	.1	.2	.2	.5								1.1	9.7
E	.9	.6	.6	.1								2.3	5.0
ESE	.6	.6	.4	.2	.1							2.0	6.0
SE	1.4	1.5	.3		.1							3.3	4.8
SSE	2.7	2.6	.3	.1								5.7	3.8
S	2.7	3.1	.8	.1								6.7	4.2
SSW	1.6	2.2	.4									4.2	4.1
SW	3.7	1.6	1.2	.3								6.8	4.3
WSW	3.8	5.0	1.2	.4								10.3	4.7
W	4.8	5.5	5.1	.4								15.8	5.3
WNW	4.1	3.2	1.4									8.7	4.1
NW	2.4	4.3	2.5	.2								9.4	5.2
NNW	1.1	1.7	.2	.1								3.1	4.2
VARBL													
CALM												17.3	
	31.5	33.3	14.7	2.8	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JAY (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	1.0	1.0	.1								3.1	5.4
NNE	.5	.4	.2	.0	.0							1.1	4.5
NE	.5	.2	.2	.1	.0							1.0	4.9
ENE	.5	.4	.3	.3	.0							1.5	6.4
E	1.2	1.3	.7	.2	.0							3.5	5.1
ESE	1.1	2.3	.7	.4	.1	.0						4.7	5.8
SE	3.1	7.0	1.7	.3	.1							12.3	5.0
SSE	3.3	6.6	1.4	.3	.1							11.6	4.7
S	2.9	3.6	1.2	.4	.0	.0						8.1	4.8
SSW	1.1	1.1	1.0	1.0	.2	.0						4.3	7.6
SW	1.3	1.1	1.7	1.2	.2	.1						5.6	7.9
WSW	1.6	2.0	2.1	1.4	.0	.0						7.1	7.2
W	1.6	3.0	3.9	1.5	.0	.0						10.0	7.0
WNW	1.2	1.7	1.9	.7	.0							5.5	6.6
NW	1.0	2.5	2.4	1.0	.1							6.9	6.9
NNW	.9	1.9	1.9	.9	.0							5.6	7.0
VARBL													
CALM												8.1	
	22.9	36.0	22.1	9.8	.9	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 47-70,73-76 (YEARS) JU. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1									.2	6.5
NNE	.2											.2	2.5
NE	.1			.1								.2	7.0
ENE	.1	.1	.2									.4	6.0
E	1.3	2.1	.8	.1	.1							4.9	4.9
ESE	1.9	2.4	1.0	.6	.1							6.0	5.7
SE	5.2	8.9	2.0	1.1								17.2	4.8
SSE	8.2	11.1	.8	.1								20.2	3.8
S	5.9	7.8	.6	.1								14.3	3.8
SSW	2.7	3.1	.4	.2								6.4	4.0
SW	2.6	3.1	.4	.4								6.6	4.3
WSW	1.7	2.4	.3									4.4	4.1
W	1.8	1.3	.9									4.0	4.4
WNW	.3	.8	.4									1.6	5.1
NW	.1		.1									.2	5.0
NNW	.2	.2	.1									.6	4.2
VARBL													
CALM												12.2	
	33.0	43.6	8.2	2.8	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 500

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	6.0
NNE	.1											.1	2.0
NE		.2										.2	4.0
ENE	.3	.3										.7	3.9
E	1.2	1.7	.3	.1								3.3	4.2
ESE	2.9	6.2	1.9	.4	.2							11.7	5.2
SE	8.2	20.7	4.7	.8	.1							34.4	4.9
SSE	6.1	17.2	2.4	.3								26.1	4.6
S	5.0	4.8	1.2									11.0	4.0
SSW	.3	.8	.6	.1								1.8	6.1
SW	.4	.8	.2	.1								1.6	5.6
WSW	.6											.6	1.3
W	.2	.1	.1									.4	4.8
WNW													
NW	.1	.2										.3	4.0
NNW	.1											.1	3.0
VARBL													
CALM												7.6	
	25.7	53.1	11.4	1.9	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 500

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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											.1	2.0
NNE													
NE	.3											.3	2.3
ENE	.4	.1										.6	1.8
E	1.0	1.1	.1	.1								2.3	4.4
ESE	1.8	3.9	1.4	1.0	.2	.2						8.6	6.5
SE	5.4	12.4	5.8	1.9								25.6	5.7
SSE	6.7	14.6	6.2	.1								27.6	5.1
S	5.2	9.0	3.3	.2								17.8	4.8
SSW	2.1	1.0	.6	.3								4.0	4.8
SW	.7	.1	.1	.1								1.0	4.2
WSW	.3	.3										.7	3.2
W	.3	.2										.6	2.6
WNW	.2	.2	.1									.6	4.0
NW	.1	.2										.3	3.3
NNW	.2											.2	2.5
VARBL													
CALM												9.9	
	25.0	43.2	17.7	3.8	.2	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 500

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0500-1100 (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	3.0	1.8	.4									5.2	2.5
NNE	2.2	.9										3.1	2.5
NE	1.0	.2										1.2	2.4
ENE	.7	.9	.1	.1	.1							1.9	5.1
E	2.0	1.2	.4	.2								3.9	4.3
ESE	1.6	.8	.7	1.3	.6							5.1	6.0
SE	1.1	1.1	.8	.9	.3							4.2	7.7
SSE	1.8	2.3	.7	.6								5.3	5.3
S	3.2	3.1	2.3	1.0								9.7	5.7
SSW	1.7	1.6	2.2	.9	.6							6.9	7.7
SW	2.3	2.3	1.3	1.7	.2	.2						8.1	7.3
WSW	1.8	2.0	1.2	.4								5.4	5.2
W	3.0	3.2	1.2	.1								7.6	4.3
WNW	1.1	1.9	.7									3.7	5.0
NW	2.8	2.6	1.4	.3								7.1	4.7
NNW	2.4	2.6	1.7	.2								7.1	5.0
VARBL													
CALM												14.4	
	31.9	28.7	15.2	7.8	1.8	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JJ, (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	4.2	2.4	.2								8.4	5.5
NNE	.8	.8	.7									2.2	4.9
NE	.6	.3	.1	.1								1.1	5.0
ENE	.4	.6	.1	.4								1.6	6.4
E	.6	.6	.6	.4	.2							2.3	7.9
ESE	.3	.6	.3	.1	.2							1.6	7.4
SE	.1	.3	.3	.0		.1						1.7	10.4
SSE	.7	.8	.3	.3	.2							2.3	6.9
S	.4	1.3	1.7	1.1	.1			.1				4.8	6.7
SSW	.6	.8	2.1	2.1	.4							6.0	10.3
SW	.6	2.2	2.7	2.1	.6							8.1	9.3
WSW		3.0	3.4	1.2	.4							8.1	8.6
W	.9	4.9	5.7	1.4								12.9	7.3
WNW	1.4	2.6	3.9	1.1								9.0	7.0
NW	1.4	4.1	5.4	2.2	.1							13.3	7.6
NNW	2.1	3.4	5.9	2.1	.1							13.7	7.5
VARBL													
CALM												2.9	
	12.4	30.4	35.7	15.9	2.4	.1		.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.4	1.6	2.4	1.4	.1	.1						6.1	8.7
NNE		.9										.9	4.5
NE		.2	.6									.8	8.0
ENE	.3	.6	.6	1.0								2.4	8.3
E	.3	.3	.6	.3	.2							1.8	9.2
ESE		.1	.3	.4		.1						1.0	11.7
SE			.4		.2	.2						.9	14.8
SSE	.1	.2	.1	.4	.1							1.0	10.7
S	.2	.2	1.0	.2	.1							1.8	8.6
SSW	.1	.3	1.3	1.4	1.0	.1						4.3	12.7
SW	.2	1.1	3.6	4.6	.9							10.3	11.3
WSW	.2	1.3	4.6	3.4	1.1	.1						10.8	10.4
W	1.0	3.1	8.0	4.9	.2							17.2	9.0
WNW	.4	2.0	4.2	2.2	.1							9.0	8.6
NW	.4	3.3	6.9	4.2	.7							15.6	9.4
NNW	1.1	3.1	4.8	5.8	.4							15.2	9.2
VARBL													
CALM												.9	
	5.0	18.4	39.3	30.4	5.2	.7						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.2	1.0	.2							4.3	8.2
NNE	.2	.1	.2	.1								.7	6.7
NE		.1										.1	4.0
ENE	.2	.4	.7	.7			.1					2.1	9.7
E	.4	.3	.8	.7	.2		.1					2.6	10.1
ESE	.1	.2	.6	.4	.2							1.6	10.2
SE		.3	.1	.4	.1							1.0	10.2
SSE	.2	.1	.2	.5	.2							1.3	9.8
S	.2	.4	.1	.3	.1							1.2	8.6
SSW	.1	.4	.6	1.2								2.3	10.0
SW	.7	1.0	2.4	1.7	.7							6.5	9.6
WSW	1.0	3.1	3.6	2.1	.6							10.3	8.4
W	1.6	3.7	9.8	4.2								19.2	8.1
WNW	1.2	3.2	3.4	1.4								9.3	7.2
NW	1.4	5.7	6.9	5.9	.3							20.2	8.7
NNW	.4	2.9	6.8	6.0	.1							16.2	9.4
VARBL													
CALM												.9	
	8.5	23.5	37.4	26.6	2.8		.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23100 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.2	.1									1.0	2.9
NNE	.4	.1										.5	2.6
NE	.1		.1			.1						.3	11.3
ENE	.3	.7	.1	.6								1.7	7.5
E	.6	.7	1.2	.4								2.9	7.3
ESE	.3	.6	1.0	.8								2.7	7.2
SE	.6	1.7	1.0	.3	.1							4.2	7.1
SSE	1.1	1.1	.1	.3	.1							2.9	5.2
S	1.7	2.1	.9	.1	.1							4.9	5.1
SSW	2.0	1.2	.6	.3		.1						4.2	5.2
SW	2.3	2.1	.4	.3								5.2	4.5
WSW	4.4	4.7	.9	.1								10.1	4.0
W	5.1	8.4	5.7	.4								19.7	5.3
WNW	4.7	5.7	1.7	.1								12.1	4.5
NW	3.2	5.3	2.7	.9								12.1	5.5
NNW	.9	1.9	.7	.1								3.6	4.8
VARBL													
CALM												12.0	
	28.4	36.4	17.7	4.9	.3	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 907

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.2	.8	.3	.0	.0						3.2	6.2
NNE	.5	.3	.1	.0								1.0	3.7
NE	.3	.1	.1	.0		.0						.5	5.1
ENE	.4	.5	.2	.3	.0		.0					1.4	7.0
E	1.0	1.0	.6	.3	.1		.0					3.0	6.1
ESE	1.1	1.8	.9	.6	.2	.0						4.8	6.6
SE	2.6	5.7	2.0	.8	.1	.0						11.2	5.6
SSE	3.1	5.9	1.4	.3	.1							10.8	4.8
S	2.7	3.6	1.4	.4	.1			.0				8.2	5.1
SSW	1.2	1.2	1.0	.8	.3	.0						4.5	7.5
SW	1.3	1.6	1.4	1.4	.3	.0						5.9	8.0
WSW	1.3	2.1	1.8	.9	.3	.0						6.3	7.1
W	1.7	3.1	3.9	1.4	.0							10.2	6.9
WNW	1.2	2.0	1.8	.6	.0							5.7	6.4
NW	1.2	2.7	2.9	1.7	.1							8.7	7.6
NNW	.9	1.8	2.5	1.8	.1							7.1	7.9
VARBL													
CALM												7.6	
	21.2	34.7	22.8	11.8	1.7	.2	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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	.2	.1	.3									.6	5.3
NNE	.3	.2		.1								.6	4.5
NE	.2	.1	.4		.1							.9	7.6
ENE	.4	.5	.5	.5								2.0	7.4
E	.8	2.3	1.5	.5								5.1	6.4
ESE	1.9	4.5	1.5	1.1								9.0	5.8
SE	5.9	7.8	3.4	1.7	.5	.2						19.7	6.0
SSE	7.6	7.4	3.0	.4	.1							18.6	4.6
S	8.4	5.8	2.8	.3								17.3	4.2
SSW	2.3	1.1	1.3	.4	.1							5.2	5.4
SW	1.5	1.1	.3	.1								3.0	4.0
WSW	.3	.9	.2	.1								1.5	5.1
W	1.0	1.0	.2									2.2	4.2
WNW	.3	.4	.1	.1								1.0	5.7
NW			.5									.5	7.4
NNW	.3	.1	.2									.6	4.2
VARBL													
CALM												12.2	
	31.5	33.3	16.5	5.5	.9	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	5.7
NNE		.2										.2	4.5
NE	.2	.1	.1									.4	4.5
ENE	.1	.4		.1								.6	6.0
E	1.5	2.5	1.4	.2								5.6	5.6
ESE	2.3	5.5	2.6	.8								11.1	5.7
SE	6.1	12.5	4.3	1.4								24.3	5.3
SSE	8.1	12.4	3.0	.1								23.5	4.4
S	7.0	5.9	1.5									14.4	3.9
SSW	1.1	1.1	.5	.1								2.8	4.7
SW	.4	.6										1.1	3.7
WSW	.4											.4	2.5
W	.5	.1										.6	2.3
WNW	.1	.1										.2	4.0
NW	.1		.2									.3	7.0
NNW				.1								.1	13.0
VARBL													
CALM												13.9	
	29.1	41.5	13.8	2.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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	.2			.1								.3	5.7
NNE	.2	.2										.4	3.8
NE	.3		.1									.4	3.0
ENE	.4	.4	.1		.1							1.1	5.7
E	1.4	1.1	1.4	.2								4.1	5.5
ESE	1.6	2.5	3.1	.8								8.0	6.4
SE	4.3	8.0	5.8	1.4	.1							19.6	6.0
SSE	6.2	15.2	3.7	.1	.2							25.4	4.8
S	7.0	8.3	4.2	.6								20.1	4.8
SSW	2.3	.8	.6	.1								3.8	4.0
SW	1.1	.3	.2	.1								1.7	3.8
WSW	.5	.1	.1									.8	3.1
W	.8											.8	1.4
WNW	.3											.3	2.0
NW	.4	.1										.5	3.0
NNW		.1	.1									.2	6.5
VARBL													
CALM												12.6	
	27.1	37.0	19.5	3.4	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 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 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.4	.9									6.1	4.0
NNE	.5	.4	.1									1.1	3.3
NE	1.2	1.1										2.3	3.2
ENE	.6	.9	.3		.1							1.9	5.5
E	2.5	1.6	.6									4.7	3.8
ESE	1.2	1.2	1.3	.6								4.3	6.4
SE	2.5	2.3	2.2	1.3	.1							8.3	6.2
SSE	2.8	3.1	1.5	.4								7.8	4.9
S	4.4	3.4	1.6	.6								10.1	4.6
SSW	1.3	1.7	.9	.1	.1							4.1	5.4
SW	1.9	1.4	.5									3.9	3.8
WSW	2.4	1.4	.5	.1								4.4	3.9
W	2.7	2.9	.2									5.8	3.6
WNW	1.3	2.3	1.5	.1								5.2	5.1
NW	2.7	3.4	1.3									7.4	4.5
NNW	2.6	3.1	1.3									7.0	4.5
VARBL													
CALM												15.6	
	33.4	32.6	14.7	3.3	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	2.4	3.7	2.4	.1								8.5	5.2
NNE	1.2	1.8	.3									3.3	4.2
NE	.9	1.0	.3	.2	.1							2.5	5.3
ENE	1.2	1.0	.3									2.5	3.8
E	.9	1.6	.4	.1	.1	.1						3.2	6.0
ESE	.3	.5	.9	.8	.1							2.6	8.5
SE	1.2	.4	1.1	.5								3.2	6.8
SSE	1.3	1.2	.5	.1								3.1	4.7
S	1.0	1.6	1.9	.3								4.8	6.6
SSW	.8	.9	.6	.1								2.4	5.6
SW	.9	1.3	1.2	1.1								4.4	7.3
WSW	1.8	1.4	1.4	.3								4.9	5.4
W	2.8	4.5	2.5	.2								10.0	5.2
WNW	.9	4.7	3.4	1.0								10.0	6.7
NW	1.5	4.2	6.9	1.6	.1							14.3	7.3
NNW	1.8	8.1	5.2	.6								15.7	6.0
VARBL													
CALM												4.5	
	20.6	37.8	29.4	7.1	.4	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	1.2	1.3	3.0	1.4	.2							7.1	8.0
NNE	.5	.5	.3	.8								2.2	7.8
NE	.4	.3	.4	.3	.1							1.6	8.2
ENE	.4	1.0	.8	.6	.1							2.9	7.5
E	.4	1.1	1.0	.6		.1						3.2	7.8
ESE	.2	.4	.8	.1		.1						1.6	6.0
SE	.2	1.0	1.1	.8	.2	.1						3.3	9.0
SSE	.6	.6	.9	.6	.2							3.0	8.0
S	1.0	1.7	1.8	1.3	.2	.1						6.1	8.1
SSW	.3	.9	1.3	1.4	.1							4.0	9.4
SW	.3	1.5	1.1	.6	.1							3.7	7.6
WSW	.9	2.2	2.6	1.1								6.7	7.3
W	2.0	2.8	4.5	1.9								11.3	7.4
WNW	.9	2.5	5.4	2.2								10.9	8.2
NW	1.0	3.1	9.8	3.7	.1							17.6	8.6
NNW	1.7	2.3	6.1	2.9								13.0	8.1
VARBL													
CALM												1.8	
	12.2	23.1	40.8	20.3	1.4	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1300-2000 (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	.9	1.0	1.0	.9	.1							3.8	7.6
NNE	.3	.6	.5	.2	.1							1.8	7.1
NE	.4	.6	.6		.2	.3						2.3	9.7
ENE	.3	.8	.8	.9	.2	.4		.1				3.4	12.0
E	1.0	.5	2.0	.4	.3	.1						4.4	8.2
ESE	.2	1.3	.6	.5	.4	.3	.1					3.5	10.8
SE	.9	.5	1.2	1.3	.3	.2						4.4	10.1
SSE	1.4	1.9	1.3	1.0	.2							5.8	6.9
S	1.9	3.8	3.1	1.3	.2							10.3	6.8
SSW	.9	1.0	1.0	.6	.1							3.5	7.0
SW	.9	1.6	1.5	.9	.1		.1					5.1	7.7
WSW	1.1	1.7	1.9	.5								5.3	6.5
W	1.2	2.5	5.4	.8	.1							9.9	7.4
WNW	1.4	1.9	2.3	1.5								7.1	7.1
NW	1.2	3.3	6.6	4.0	.1							15.2	8.6
NNW	.9	1.7	4.9	1.7	.2							9.5	8.4
VARBL													
CALM												4.7	
	14.7	24.8	34.7	16.5	2.8	1.4	.2	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.1									.6	4.8
NNE	.2		.3	.3								.9	7.9
NE	.2	.2	.3	.2								1.0	7.6
ENE	.5	.2	.8	1.0	.1							2.6	9.0
E	.9	1.9	2.2	.3	.4							5.7	7.3
ESE	.9	1.9	2.0	.5	.9	.4						6.7	9.4
SE	2.7	.4	1.7	2.6	.8							10.1	8.1
SSE	1.9	4.7	3.2	.8	.1	.1						10.9	6.4
S	3.5	5.5	4.4	1.4		.1						14.9	6.2
SSW	1.6	1.4	.8	1.2								4.9	6.5
SW	1.5	1.1	.8	.1	.1							3.5	5.2
WSW	2.5	2.2	.6	.1								5.4	3.9
W	3.3	3.3	1.8	.1		.1						8.7	4.9
WNW	2.2	1.7	.5	.1								4.5	4.2
NW	1.5	2.5	.5	.3								4.8	5.0
NNW	.5	.6	.3	.1								1.6	5.2
VARBL													
CALM												13.1	
	24.2	30.0	20.4	9.1	2.4	.8						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.0	.3	.0							3.4	6.0
NNE	.4	.5	.2	.2	.0							1.3	5.6
NE	.5	.4	.3	.1	.1	.0						1.4	6.4
ENE	.5	.6	.4	.4	.1	.1		.0				2.1	7.7
E	1.2	1.6	1.3	.3	.1	.0						4.5	6.3
ESE	1.1	2.2	1.6	.6	.2	.1	.0					5.8	7.0
SE	3.0	4.4	2.6	1.4	.3	.1						11.6	6.4
SSE	3.7	5.8	2.1	.4	.1	.0						12.3	5.1
S	4.3	4.5	2.7	.7	.1	.0						12.3	5.3
SSW	1.3	1.1	.9	.5	.1							3.8	6.0
SW	1.1	1.1	.7	.4	.0		.0					3.3	5.9
WSW	1.2	1.2	.9	.3								3.7	5.4
W	1.8	2.1	1.8	.4	.0	.0						6.2	5.7
WNW	.9	1.7	1.7	.6								4.9	6.6
NW	1.0	2.1	3.2	1.2	.0							7.6	7.4
NNW	1.0	2.0	2.3	.7	.0							6.0	6.8
VARBL													
CALM												9.8	
	24.0	32.5	23.7	8.5	1.1	.4	.0	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3										.4	3.5
NNE	.1		.2									.3	5.3
NE	.4	.4	.2	.1								1.2	5.1
ENE	.5	.1	.4	.1								1.2	5.7
E	1.6	3.5	1.0	.6								6.8	5.4
ESE	2.2	3.8	2.9	1.1	.2							10.1	6.5
SE	6.0	9.4	3.8	.6	.2							20.0	5.0
SSE	9.0	9.6	2.0	.1	.2							21.0	4.3
S	8.4	7.6	1.6	.1								17.7	3.9
SSW	2.5	1.1	.2	.1								3.9	3.6
SW	1.2	.5	.1									1.8	3.3
WSW	1.4	.5	.3									2.3	3.3
W	.9	.3	.1	.1								1.4	3.8
WNW	.3											.3	3.0
NW	.2	.2	.1	.1								.6	5.8
NNW	.2	.1			.1							.4	7.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.5	
	35.1	37.5	13.0	3.1	.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.2	.2										.4	3.8
NNE	.1	.1										.2	2.5
NE	.1	.1										.2	3.0
ENE	.9	.2	.3									1.4	3.8
E	1.4	1.5	1.1	.4								4.4	5.3
ESE	3.3	4.4	2.5	.6	.1							11.0	5.4
SE	8.2	14.1	4.4	.6								27.3	4.8
SSE	9.4	15.2	2.5	.2								27.2	4.3
S	6.9	5.2	.9	.2								13.1	3.6
SSW	.3	.2	.1	.3								1.4	5.7
SW	.5	.2	.1									.9	3.1
WSW	.1											.1	2.0
W	.1											.1	2.0
WNW	.3											.3	1.7
NW	.1		.1									.2	5.5
NNW	.3	.1										.4	2.5
VARBL													
CALM												11.3	
	32.7	41.5	11.9	2.5	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE													
NE	.1											.1	1.0
ENE	.4	.6	.3	.1								1.5	5.0
E	1.1	2.6	1.1	.3								5.3	5.6
ESE	1.8	5.1	4.1	1.0								11.9	6.3
SE	4.9	14.5	5.2	.6								25.3	5.3
SSE	6.3	15.8	4.6	.2								27.0	4.9
S	6.8	7.4	1.9									16.1	4.0
SSW	1.0	.5	.2									1.7	3.7
SW	.8											.8	2.3
WSW	.1											.1	1.0
W	.2											.2	2.0
WNW													
NW													
NNW	.1	.1										.2	2.5
VARBL													
CALM												9.7	
	23.8	46.9	17.4	2.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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	2.6	.8	.2									3.5	2.8
NNE	1.1	.4	.1									1.6	2.8
NE	.9	.6	.2									1.7	3.7
ENE	1.3	.6	.4	.1								2.5	4.4
E	2.8	1.7	1.3	.3								6.1	4.8
ESE	3.3	2.0	1.7	1.7	.2							9.0	5.4
SE	3.8	2.9	1.8	1.0	.1							9.6	5.4
SSE	4.0	3.4	1.6	.3								9.4	4.6
S	5.3	5.7	1.8									12.8	4.2
SSW	2.2	1.5	.6									4.3	3.9
SW	2.5	.5	.8	.1								3.9	4.2
WSW	1.9	.8	.1									2.8	3.0
W	2.7	1.9	.3									4.9	3.5
WNW	1.2	.8	.4									2.4	3.8
NW	1.9	1.1	.3									3.3	3.6
NNW	1.8	2.0	.3	.1								4.3	4.0
VARBL													
CALM												17.8	
	39.1	26.9	12.2	3.7	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	3.5	3.8	1.1	.4								8.8	4.5
NNE	.9	1.6	.2									2.7	4.1
NE	.8	.6	.2	.1								1.7	4.8
ENE	1.2	.9	.5	.2								2.8	5.3
E	.9	1.6	1.0	.4								3.9	6.1
ESE	.8	.9	1.5	.9								4.0	7.6
SE	.5	1.4	1.8	.6	.1							4.5	7.5
SSE	.6	1.2	1.1	.4								3.3	6.5
S	2.4	1.9	1.1	.3								5.7	4.8
SSW	1.4	1.1	1.4	.2								4.1	5.5
SW	1.1	1.2	1.2	.6								4.1	6.5
WSW	1.7	2.0	1.3	.6								5.7	5.7
W	3.1	5.7	2.2	.5								11.5	5.2
WNW	1.9	4.5	2.3	.3								9.0	5.3
NW	3.0	4.7	4.0	.3								12.0	5.4
NNW	2.9	4.8	2.2	.3								10.2	5.1
VARBL													
CALM												5.9	
	26.7	38.0	22.9	6.5	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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	1.7	3.3	1.7	.5								7.3	5.6
NNE	.5	1.1	.4	.3	.1							2.5	6.9
NE	.6	.4	.8	.2	.1							2.2	6.8
ENE	1.3	.5	.6	.5	.1							3.1	6.3
E	.4	1.3	1.5	1.0	.1							4.3	8.2
ESE	.3	.6	.6	.9	.1	.1						2.7	9.3
SE	.3	1.2	1.0	.8		.1						3.3	8.5
SSE	.9	.6	.8	.1	.2							2.6	6.3
S	1.1	1.5	1.4	.8		.1						4.8	7.2
SSW	1.0	1.4	1.3	.4								4.1	6.2
SW	.5	1.4	2.6	.4								4.9	7.1
WSW	1.1	2.2	2.5	1.1								6.8	7.3
W	1.8	4.4	5.7	1.4								13.3	6.9
WNW	1.2	2.7	3.7	.8								8.3	7.0
NW	1.8	3.5	6.6	1.8	.3							14.1	7.7
NNW	1.2	3.7	5.7	2.2								12.7	7.6
VARBL													
CALM												3.0	
	15.8	29.9	36.8	13.1	1.1	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.5	.3								3.4	6.9
NNE	.9	.9	.1	.2		.1						2.2	5.9
NE	.6	1.0	.6									2.3	4.7
ENE	1.0	1.2	.8	.6	.2	.1						3.9	7.5
E	.5	1.1	1.4	.5								3.5	7.3
ESE	.6	.8	.9	.3								2.6	6.7
SE	.5	1.7	1.8	1.2								5.3	7.6
SSE	1.0	2.5	1.3	.4	.3	.1						5.6	7.0
S	1.5	2.4	1.5	.4	.4							6.2	6.7
SSW	.6	1.8	1.5	.4								4.4	6.8
SW	1.2	1.3	2.0	.4								4.9	6.5
WSW	.9	2.3	1.8	.5	.1							5.6	6.6
W	1.5	3.1	4.3	.4								9.4	6.2
WNW	2.2	3.2	4.1	.4								9.9	6.0
NW	2.8	5.7	5.2	1.6								15.3	6.5
NNW	1.4	2.8	4.5	.6	.2							9.6	7.1
VARBL													
CALM												6.0	
	17.5	32.9	33.3	8.6	1.3	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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	.8	.1	.1									1.0	3.0
NNE	.2	.1	.1									.4	4.8
NE	.9		.9	.2	.2							2.2	7.9
ENE	.5	1.1	.8	.4	.5							3.3	8.5
E	1.0	1.5	1.9	1.0	.1	.1						5.6	7.6
ESE	1.4	2.0	3.3	1.4	.2	.2						8.6	8.1
SE	2.2	3.8	2.4	1.4	.3	.1						10.1	6.9
SSE	2.6	4.7	2.4	.4	.1							10.2	5.4
S	6.0	5.1	2.6	.3								14.0	4.6
SSW	2.3	1.7	1.1	.1								5.2	4.5
SW	2.2	1.4	.2	.1								3.9	3.8
WSW	2.9	1.3	.4	.1								4.7	3.8
W	2.4	2.8	.4									5.6	3.9
WNW	1.4	2.4	.5	.1								4.4	4.4
NW	2.3	1.6	.4									4.3	3.7
NNW	.6	.3	.1									1.1	3.6
VARBL													
CALM												15.5	
	29.5	29.9	17.6	5.6	1.5	.4						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	.6	.2								3.1	4.8
NNE	.5	.5	.1	.1	.0	.0						1.2	5.0
NE	.6	.4	.4	.1	.0							1.4	5.5
ENE	.9	.7	.5	.3	.1	.0						2.5	6.3
E	1.2	1.9	1.3	.6	.0	.0						5.0	6.2
ESE	1.7	2.4	2.2	1.0	.1	.0						7.5	6.7
SE	3.3	6.1	2.8	.9	.1	.0						13.2	5.5
SSE	4.2	6.6	2.0	.3	.1	.0						13.3	4.8
S	4.8	4.6	1.6	.3	.1	.0						11.3	4.5
SSW	1.5	1.2	.8	.2								3.6	5.0
SW	1.2	.8	.9	.2								3.1	5.4
WSW	1.3	1.1	.8	.3	.0							3.5	5.4
W	1.6	2.3	1.6	.3								5.8	5.5
WNW	1.1	1.7	1.4	.2								4.3	5.7
NW	1.5	2.1	2.1	.5	.0							6.2	6.1
NNW	1.1	1.7	1.6	.4	.0							4.9	6.2
VARBL													
CALM												10.0	
	27.5	35.4	20.6	5.7	.6	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.3	.1	.2									.7	4.8
NNE	.1											.1	3.0
NE		.3		.1								.4	6.3
ENE	.7	.4	1.2	.2								2.6	6.7
E	1.6	3.0	2.3	1.2	.2							8.3	7.0
ESE	2.2	3.7	3.3	2.0	.1	.2						11.6	7.3
SE	6.2	10.9	5.0	1.3	.6							24.0	5.9
SSE	8.2	11.2	1.6	.1	.1							21.2	4.1
S	6.9	5.1	.7									12.7	3.5
SSW	1.4	.6	.3									2.3	3.7
SW	1.0	.3	.1									1.4	3.2
WSW	.8	.3		.1								1.2	3.5
W	.2	.2	.1									.6	4.8
WNW	.6	.2										.8	2.7
NW	.1	.4										.6	3.8
NNW		.1	.1									.2	7.5
VARBL													
CALM												11.2	
	30.4	37.0	15.0	5.1	1.0	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.1										.3	3.3
NNE	.1	.1										.2	3.5
NE	.1	.6	.2									.9	5.4
ENE	.3	.7	.4	.1								1.6	5.6
E	2.0	2.7	2.1	.8	.1							7.7	5.9
ESE	2.6	5.0	3.1	2.6	.4							13.7	7.2
SE	6.2	15.6	6.1	1.1	.1							29.1	5.4
SSE	6.6	14.2	2.2	.1								23.1	4.3
S	4.8	5.4	1.3									11.6	4.1
SSW	.6	.1	.1	.1								.9	4.4
SW	.4	.1	.1	.1								.8	4.9
WSW	.1	.1										.2	3.5
W		.1										.1	4.0
WNW	.1											.1	2.0
NW		.1										.1	4.0
NNW		.2										.2	5.0
VARBL													
CALM												9.4	
	24.1	45.1	15.8	4.9	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.3
NNE	.1	.3										.4	4.0
NE	.1	.3										.4	3.5
ENE	.3	.7	.6									1.6	5.6
E	1.1	2.9	1.6	.7								6.2	6.1
ESE	1.9	5.0	4.6	1.6	1.0	.1						14.1	7.7
SE	4.9	13.2	6.1	2.1	.3	.1						26.8	6.1
SSE	4.2	15.2	5.9	.7								26.0	5.4
S	5.0	7.4	1.4	.3								14.2	4.4
SSW	.6	.1	.1									.8	3.3
SW	.4	.2	.1									.8	3.7
WSW	.3	.1										.4	2.3
W	.1			.1								.2	7.5
WNW													
NW			.1									.1	10.0
NNW													
VARBL													
CALM												7.6	
	19.4	45.6	20.4	5.4	1.3	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.7										1.9	2.9
NNE	.7	.2										.9	2.6
NE	1.1	.6	.3	.1								2.1	4.7
ENE	2.1	1.3	1.2	.6								5.2	5.4
E	2.7	2.1	1.4	.8	.6							7.6	6.2
ESE	2.6	1.3	2.8	3.0	2.0	.8						12.4	10.7
SE	2.1	3.3	2.9	2.7	2.2	.1						13.3	9.3
SSE	3.2	3.7	1.2	.7								8.8	4.9
S	6.0	5.9	1.9	.2								14.0	4.4
SSW	1.7	1.3	1.0	.4								4.4	5.2
SW	1.1	1.2	.2	.1								2.7	4.4
WSW	1.8	.9	.2									2.9	3.3
W	1.0	.8	.3									2.1	4.3
WNW	.9	.6	.3									1.8	3.4
NW	.6	.9		.1								1.6	4.6
NNW	1.8	.7		.1								2.6	3.2
VARBL													
CALM												15.8	
	30.4	25.4	13.9	8.8	4.8	.9						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	3.1	.3									7.2	3.6
NNE	.8	.9	.2									1.9	4.4
NE	.9	.4	.8	.2								2.3	6.1
ENE	1.2	.6	.7	.8	.1							3.3	6.8
E	1.1	1.6	1.4	1.3	.2							5.7	7.6
ESE	.4	.7	1.9	2.7	1.0	.6						7.2	12.4
SE	1.2	1.0	1.4	2.3	.8							6.8	9.8
SSE	.8	1.1	1.6	.4								4.1	6.8
S	1.7	2.0	1.4	.7								5.8	6.2
SSW	1.0	1.4	1.4	.7	.2							4.8	7.4
SW	.8	1.6	1.4	.3								4.1	6.0
WSW	2.6	2.0	2.3	.6								7.4	5.7
W	2.6	2.8	3.4	.1								8.9	5.7
WNW	2.2	3.3	3.0	.1								8.7	5.6
NW	1.3	3.6	2.2									7.1	5.5
NNW	2.1	3.3	2.1	.1								7.7	5.2
VARBL													
CALM												7.0	
	24.4	29.3	26.0	10.3	2.3	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.3	.2								6.8	5.9
NNE		.7	.1	.1								.9	6.0
NE	.4	.8	1.1	.7								3.0	8.0
ENE	1.0	1.6	.6	1.4	.2							4.8	8.3
E	.6	1.4	1.2	1.8	.2							5.2	9.1
ESE	.6	.3	1.6	1.6	.4		.1					4.8	10.9
SE	.4	.9	1.1	2.3	.3	.2						5.3	10.8
SSE	.1	.4	1.2	.2	.1							2.1	8.4
S	.6	1.2	.7	.6								3.0	6.8
SSW	.7	1.6	1.3	1.2	.2							5.0	7.9
SW	.9	.7	2.6	1.2								5.3	7.9
WSW	1.6	2.6	3.1	1.6								8.8	7.2
W	2.2	4.7	4.3	1.1								12.3	6.5
WNW	1.0	2.4	3.2	1.1	.1							7.9	7.3
NW	1.7	4.4	3.6	1.1								10.8	6.4
NNW	1.4	4.1	4.1	.7								10.3	6.5
VARBL													
CALM												3.7	
	14.6	30.6	32.1	17.1	1.7	.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	1.0	.8	1.0									2.8	5.0
NNE	.3	.3	.3	.1	.1							1.2	7.6
NE	.4	.6	.4	.4								1.9	7.4
ENE	.4	1.2	2.9	1.8	.1	.1						6.6	9.0
E	.9	1.9	2.8	1.1	.1							6.8	7.5
ESE	.4	.9	2.6	1.3	.3	.1						5.7	9.6
SE	.8	.9	1.4	1.3	.2	.2	.1					5.0	9.5
SSE	.4	.6	.9	.3	.1	.1						2.4	7.9
S	1.3	1.6	2.0	1.0	.1							6.0	7.0
SSW	1.1	.6	.7	.3	.1							2.8	5.9
SW	1.2	1.7	2.0	.1								5.0	5.8
WSW	1.9	2.6	1.0	.7								6.1	5.4
W	2.4	2.9	2.8	.2								8.3	5.5
WNW	2.7	2.2	3.1	.4								8.4	5.7
NW	2.4	7.0	3.4	.7								13.6	5.5
NNW	2.2	3.3	2.6	.4								8.6	5.6
VARBL													
CALM												8.9	
	20.1	28.9	29.9	10.3	1.2	.6	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4		.2	.1								.8	5.1
NNE	.4	.1	.2									.8	4.1
NE	.6	.3	.1		.1							1.1	5.0
ENE	.4	1.6	.8	.4	.1	.1						3.4	7.7
E	1.6	2.8	3.8	1.2	.1							9.4	6.9
ESE	1.7	3.1	2.3	2.3	.1							9.6	7.6
SE	3.4	4.1	3.2	1.4	.4	.2						12.9	6.9
SSE	3.4	5.3	1.3	.3								10.4	4.6
S	6.8	4.3	1.3	.1								12.6	3.9
SSW	2.8	1.8	.2	.2		.1						5.1	4.6
SW	1.9	1.3	.1									3.3	3.3
WSW	2.0	1.3	.4									3.8	3.7
W	2.4	2.9	.8	.2								6.3	4.3
WNW	1.3	1.3	1.3	.1								4.1	5.4
NW	.9	1.7	.8									3.3	5.0
NNW	1.2	.4	.1									1.8	3.1
VARBL													
CALM												11.2	
	31.3	32.4	17.1	6.6	.9	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	1.1	.9	.5	.0								2.6	4.6
NNE	.3	.3	.1	.0	.0							.8	4.9
NE	.5	.5	.4	.2	.0							1.5	6.3
ENE	.8	1.0	1.0	.7	.1	.0						3.6	7.3
E	1.4	2.3	2.1	1.1	.2							7.1	6.9
ESE	1.5	2.5	2.8	2.2	.7	.2	.0					9.9	8.8
SE	3.2	6.2	3.4	1.8	.6	.1	.0					15.4	6.9
SSE	3.4	6.5	2.0	.4	.0	.0						12.3	4.9
S	4.1	4.1	1.3	.4	.0							10.0	4.5
SSW	1.2	.9	.7	.4	.1	.0						3.3	5.9
SW	1.0	.9	.8	.2								2.9	5.5
WSW	1.4	1.2	.9	.4								3.9	5.4
W	1.4	1.8	1.5	.2								4.9	5.6
WNW	1.1	1.3	1.4	.2	.0							4.0	5.8
NW	.9	2.3	1.3	.2								4.6	5.7
NNW	1.1	1.5	1.1	.2								3.9	5.5
VARBL													
CALM												9.3	
	24.4	34.3	21.3	8.6	1.7	.4	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.2		.1									.3	4.3
NE		.3	.1									.4	6.3
ENE	.3	.5	.3									1.2	5.2
E	1.3	2.0	2.0	.4	.1							5.9	6.5
ESE	1.6	5.8	3.0	.8	.1							11.3	6.3
SE	6.0	20.0	2.9	1.1	.2							30.2	5.0
SSE	8.0	16.1	1.4	.4								25.9	4.3
S	5.2	4.0	.6	.2								10.0	3.7
SSW	1.4	1.0	.3	.1								2.8	4.2
SW	.3	.2		.1								.6	4.7
WSW	.5	.2	.1									.9	3.5
W	.3	.5	.1									1.0	4.6
WNW	.1	.3	.1									.5	4.6
NW	.1	.1										.2	3.5
NNW	.2			.1								.3	5.3
VARBL													
CALM												8.4	
	25.6	51.2	11.2	3.2	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2										.3	3.3
NNE		.1										.1	5.0
NE	.3											.3	2.3
ENE	.4		.4									.9	5.3
E	1.2	1.3	2.0	.8								5.3	6.9
ESE	2.5	4.9	3.2	1.3	.4	.2						12.6	6.8
SE	6.9	22.5	5.9	1.7	.2		.1					37.3	5.5
SSE	5.3	15.9	4.1	.4								25.7	4.9
S	2.3	3.0	.2									5.5	3.7
SSW	.2	.1	.3	.1								.8	7.3
SW	.4											.4	1.8
WSW	.1	.2										.3	4.7
W	.2	.4	.2									.9	4.5
WNW		.2	.1									.3	6.3
NW		.2	.1	.2	.1							.6	9.8
NNW	.1	.1										.2	3.5
VARBL													
CALM												8.5	
	20.0	49.2	16.7	4.5	.8	.2	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1										.4	2.5
NNE	.1		.1									.2	4.0
NE	.1	.1	.1									.3	5.3
ENE	.1	.2	.5	.1								1.0	7.7
E	.9	2.0	1.9	.4								5.3	6.4
ESE	1.5	3.4	3.5	1.6	.1							10.2	7.3
SE	3.3	16.9	8.8	2.2	.3							31.5	6.4
SSE	4.8	17.1	7.1	.2								29.2	5.4
S	3.4	4.2	1.6									9.2	4.4
SSW	.2	.3	.1									.6	4.0
SW	.1	.3										.4	4.5
WSW	.3		.1									.4	3.8
W	.1	.1	.1									.3	5.3
WNW	.4	.5	.1	.1								1.2	5.2
NW		.1	.1									.2	7.5
NNW													
VARBL													
CALM												9.4	
	15.8	45.5	24.3	4.6	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.8	.1									2.2	3.1
NNE	.1	.6										.8	4.4
NE	.3	.5	.3	.3	.1							1.6	7.7
ENE	1.4	1.0	.3	.6								3.3	5.6
E	1.7	1.5	.9	.4								4.5	5.2
ESE	2.4	2.4	2.5	2.0	.9	.3						10.4	8.6
SE	1.5	3.3	3.7	4.2	1.5	.2	.1					14.5	9.9
SSE	4.4	5.9	2.3	1.1	.1							13.8	5.4
S	5.6	7.0	1.3	.1								14.0	4.0
SSW	2.3	.9	1.2	.8	.2							5.3	6.4
SW	1.1	.6	.4	.1								2.3	4.5
WSW	.5	.3	.1	.1								1.1	4.8
W	1.0	1.6	.5									3.1	4.7
WNW	.2	.5	.3	.2								1.3	6.8
NW	1.1	.3	.4	.3								2.2	5.2
NNW	1.0	.5		.1								1.6	3.7
VARBL													
CALM												18.2	
	25.8	27.8	14.3	10.4	2.8	.5	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	.6									4.0	4.2
NNE	1.0	1.1	.1									2.2	4.0
NE	1.0	.2	.2	.1								1.5	3.8
ENE	1.3	1.4	.3	.6	.4							4.1	6.9
E	1.6	1.6	1.3	.9	.1							5.5	5.3
ESE	.8	.9	1.3	1.2	.8							4.8	9.7
SE	1.0	2.0	1.5	1.8	.5		.1					7.0	9.0
SSE	1.1	1.5	.6	.4	.1							3.8	6.1
S	1.1	2.4	1.4	1.0	.1	.1						6.0	7.0
SSW	.8	.9	1.4	1.2	.4							4.6	9.1
SW	.9	1.4	2.4	.8	.2							5.6	7.6
WSW	1.6	1.7	.6	1.0	.1							5.1	6.6
W	2.3	2.9	2.4	.4	.1							8.1	5.7
WNW	2.0	2.7	1.3	.6	.2							6.9	6.1
NW	1.7	4.8	1.8	.3	.1							8.8	5.5
NNW	3.2	3.8	2.3	.4								9.7	5.0
VARBL													
CALM												12.5	
	22.8	31.0	19.6	10.8	3.2	.1	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	1.5	3.3	1.6	.2								6.7	5.1
NNE	1.1	.2	.4									1.7	3.6
NE	.4	.6	.5	.9	.2							2.7	8.9
ENE	.9	1.2	1.0	.8	.2							4.0	7.7
E	1.0	1.6	1.3	.5								4.4	5.4
ESE	.5	.8	1.0	1.6	.1							4.0	9.2
SE	.8	.5	.6	.6								2.6	7.3
SSE	.3	.8	.5	.1								1.7	5.8
S	.2	.3	.5	.2	.1							1.4	8.1
SSW	.3	.3	.6	1.1								2.4	9.5
SW	1.0	.9	1.9	2.5	.2							6.5	9.1
WSW	.9	.9	3.2	1.4	.2							6.6	3.7
W	1.7	3.7	3.4	1.3		.1						10.2	6.8
WNW	1.1	2.3	3.7	1.2								8.2	7.2
NW	2.3	5.1	5.5	2.6	.2							15.6	7.4
NNW	2.2	5.1	6.0	1.7	.1							15.1	6.9
VARBL													
CALM												6.5	
	16.0	27.4	31.9	16.7	1.4	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.3	.2									2.5	2.9
NNE	.3	.8										1.1	3.6
NE	.1	.4	.6	.3								1.5	9.0
ENE	1.0	2.4	1.5	1.4								6.2	7.2
E	1.6	2.2	2.5	.8								7.0	6.2
ESE	.5	.9	1.4	.2								3.0	6.8
SE	.8	.6	.4	.3								2.2	5.9
SSE	1.1	.8	.6									2.5	4.6
S	1.1	1.0	.4	.4								2.9	5.5
SSW	1.2	.6	.1	.2								2.2	4.3
SW	1.1	1.3	1.3	.2								3.9	5.6
WSW	2.3	1.9	.9	.4								5.5	5.0
W	4.5	2.6	1.6	.1								8.8	4.2
WNW	3.5	6.1	2.0	.5								12.3	5.0
NW	5.3	6.1	4.6	1.0								17.0	5.6
NNW	2.0	3.8	.9	.2								6.9	4.5
VARBL													
CALM												14.7	
	28.3	31.7	19.1	6.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4			.1								.5	3.8
NNE				.1								.1	14.0
NE	.1	.1		.2								.4	7.8
ENE	.3	1.0	.9									2.2	5.8
E	1.5	3.1	2.4	.1	.1							7.2	5.8
ESE	1.4	3.6	1.8	1.0	.1							7.9	6.4
SE	3.7	9.0	2.3	.5	.1							15.6	5.0
SSE	7.8	8.8	.9									17.4	3.7
S	7.8	6.9	.5	.1								15.3	3.5
SSW	2.2	1.4	.3	.1								4.0	3.9
SW	1.6	1.3	.3									3.2	4.1
WSW	.8	1.3	.2	.1								2.4	4.5
W	2.6	1.2	.4	.1								4.3	3.7
WNW	.9	1.0	.8									2.6	5.0
NW	.5	.5	.2	.1								1.4	5.3
NNW	.5	.4	.2									1.2	4.1
VARBL													
CALM												14.3	
	32.0	39.6	11.2	2.6	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.8	.3	.0								2.1	4.2
NNE	.3	.3	.1	.0								.8	4.1
NE	.3	.3	.2	.2	.0							1.1	7.1
ENE	.7	1.0	.7	.4	.1							2.8	6.7
E	1.3	1.9	1.8	.5	.0							5.6	6.2
ESE	1.4	2.8	2.2	1.2	.3	.1						8.0	7.4
SE	3.0	9.4	3.3	1.6	.4	.0	.0					17.6	6.2
SSE	4.1	8.4	2.2	.3	.0							15.0	4.8
S	3.3	3.6	.8	.3	.0	.0						8.0	4.3
SSW	1.1	.7	.6	.4	.1							2.8	6.3
SW	.8	.8	.8	.5	.1							2.9	6.7
WSW	.9	.8	.7	.4	.0							2.8	6.3
W	1.6	1.6	1.1	.2	.0	.0						4.6	5.3
WNW	1.0	1.7	1.0	.3	.0							4.2	5.8
NW	1.4	2.2	1.6	.6	.1							5.8	6.2
NNW	1.2	1.7	1.2	.3	.0							4.4	5.6
VARBL													
CALM												11.5	
	23.3	37.9	18.5	7.4	1.2	.1	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (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		.2										.2	5.0
NNE		.1										.1	5.0
NE	.3	.1	.1									.6	4.0
ENE	.3	.3	.1	.2	.2							1.2	8.4
E	.7	2.2	1.3	.3								4.6	6.2
ESE	3.0	8.7	3.6	.6								15.8	5.5
SE	7.3	20.4	4.7	1.8								34.2	5.2
SSE	5.3	11.2	2.1	.2	.1							19.0	4.7
S	3.3	3.1	.7	.6	.1	.1						7.9	4.9
SSW	1.1	.7	.2		.1							2.1	4.8
SW	.2	.3	.3	.2								1.1	6.9
WSW	.8	.1	.2									1.1	3.6
W	.2	.3	.3									.9	5.9
WNW	.1	.1		.1	.1							.4	9.5
NW	.2	.1		.2	.1							.7	8.3
NNW	.2	.1										.3	2.7
VARBL													
CALM												9.8	
	23.2	48.2	13.7	4.2	.8	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	5.7
NNE		.2										.2	4.0
NE	.2			.1								.3	5.7
ENE	.1	.1	.3	.4								1.0	9.7
E	1.4	2.3	1.0	.6								5.3	5.6
ESE	3.3	5.6	3.6	1.0								13.4	5.7
SE	6.1	19.0	9.2	1.0	.1							35.4	5.6
SSE	4.8	12.1	4.6	.1								21.6	5.0
S	2.4	3.0	1.4	.3			.1					7.3	5.3
SSW	.9	.3	.3	.4	.1	.1	.1					2.3	8.3
SW	.4	.2	.1									.8	3.0
WSW	.2	.8	.4									1.4	5.2
W	.2	.3			.1							.7	6.2
WNW	.1	.2	.1	.1								.6	7.6
NW	.2		.2									.4	4.8
NNW	.3											.3	2.3
VARBL													
CALM												9.4	
	21.0	44.3	21.4	4.1	.3	.1	.2					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	1.0
NNE	.1											.1	3.0
NE	.2	.1	.1		.1							.5	6.8
ENE	.1	.1	.3	.2	.2							1.0	10.3
E	1.0	1.8	2.6	.6								5.9	6.8
ESE	1.6	4.0	4.3	1.0		.1						11.0	6.9
SE	5.1	14.6	9.5	1.5								30.8	6.0
SSE	6.5	14.2	6.6	.3								27.5	5.2
S	3.1	3.0	2.0									8.1	4.6
SSW	1.7	.7		.3								2.7	4.5
SW	.6	.4	.1	.1								1.2	5.1
WSW	.4	.1	.2	.3								1.1	6.7
W	.1	.1		.1	.1							.4	10.8
WNW	.2	.2										.4	3.5
NW	.4	.1		.1								.7	3.7
NNW		.1										.1	4.0
VARBL													
CALM												8.1	
	21.3	39.6	25.8	4.7	.4	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.6	.6										1.1	3.5
NNE	.1	.1	.1	.1	.1							.6	10.0
NE	1.0	.7	.1	.2	.1	.1						2.2	6.0
ENE	.9	.8	.8	1.0	.2	.1						3.8	8.8
E	3.2	1.9	1.7	.3	.1							7.2	4.7
ESE	2.8	2.3	2.3	1.8	.6							9.8	7.2
SE	1.9	6.0	4.9	2.5	1.1	.3						16.7	8.1
SSE	3.3	4.6	4.3	.4								12.7	5.7
S	4.6	7.2	2.5	.9		.2						15.4	5.3
SSW	1.2	.7	.4	.3			.1					2.8	6.0
SW	.8	.8	.6	.2								2.3	5.7
WSW	1.7	.4	.1	.1								2.3	3.4
W	1.2	1.0	.6	.3								3.1	5.4
WNW	.9	.1		.4								1.4	5.5
NW	.9	.4	.2	.1								1.7	4.0
NNW	.7	.3	.1	.1								1.2	4.4
VARBL													
CALM												15.5	
	25.8	28.0	18.7	8.9	2.2	.8	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 497

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	3.1	1.9	.3									5.4	3.4
NNE	.6	.6	.3	.1								1.6	5.6
NE	1.1	.8	.2	.4	.3							2.9	7.1
ENE	.9	.9	.1	.6	.2	.2						2.9	7.8
E	1.6	1.6	1.0	.4	.2	.2						5.0	6.9
ESE	1.4	1.8	2.0	1.8	1.1	.1						8.2	9.2
SE	1.1	1.4	1.3	2.0	.4							6.4	8.8
SSE	1.2	1.3	.8	.1								3.5	4.9
S	1.1	.9	1.3	.3	.1	.1						3.9	7.1
SSW	1.0	.7	1.1	.7	.2	.1						3.8	8.1
SW	.3	.8	1.0	1.4	.1							3.7	9.9
WSW	1.0	.6	1.9	.3	.1							3.9	7.1
W	3.2	2.2	2.0	1.1								8.6	5.5
WNW	3.5	3.3	2.2	.3								9.4	5.0
NW	4.0	3.3	2.5	.3								10.1	4.8
NNW	2.5	4.0	1.4	.4								8.4	5.0
VARBL													
CALM												12.5	
	27.6	26.1	19.6	10.5	2.9	.8						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	3.1	.7									7.2	3.9
NNE	1.0	.7										1.7	3.3
NE	1.0	.6	1.2	.8	.2							3.8	7.9
ENE	.2	.4	2.1	1.6	.7							5.0	10.3
E	.8	1.4	1.0	.3	.1							3.7	5.4
ESE	.1	.7	.7	.9	.1							2.5	9.5
SE	.2	.7	.8	.6								2.2	7.8
SSE	.3	.6										.9	3.5
S	.7	.2	.2	.3	.2	.1						1.8	8.9
SSW	.3	.3	.4	.8	.2	.1						2.2	10.4
SW	.2	.2	.9	1.6								2.9	9.9
WSW	.7	.7	1.2	.9	.3							3.8	8.8
W	1.8	1.8	3.2	1.1	.1							8.0	6.9
WNW	1.7	2.3	4.7	1.0	.1							9.3	7.0
NW	2.6	8.7	4.9	2.8								19.2	6.5
NNW	3.0	8.4	4.9	.6								17.1	5.8
VARBL													
CALM												8.2	
	18.3	30.8	27.0	13.4	2.1	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.6										2.4	2.8
NNE	.3	.2	.1									.7	4.3
NE	.2	.7	.4	.2	.1							1.7	7.3
ENE	.6	1.2	2.4	.6	.3	.2						5.3	9.2
E	.4	3.4	2.8	.4	.4							7.6	7.1
ESE	1.7	1.3	.7	.2								3.9	4.7
SE	1.3	1.0	.4									2.8	4.1
SSE	1.3	1.7										3.0	3.4
S	2.3	.8	.3	.2								3.7	4.1
SSW	1.3	.7	.2	.2								2.4	4.5
SW	1.1	1.0	.2	.2								2.6	4.7
WSW	2.3	1.1	.4	.2								4.1	4.3
W	2.9	2.2	.3	.2								5.7	3.8
WNW	4.4	5.7	1.6	.4								12.1	4.6
NW	5.8	6.8	2.2	.2								15.0	4.5
NNW	2.3	2.3	.3									5.0	3.8
VARBL													
CALM												22.1	
	30.3	30.7	12.6	3.2	.9	.2						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.3	3.7
NNE	.1	.1										.2	3.5
NE			.2									.2	9.0
ENE	.2	.2	.3	.1	.2							1.1	9.1
E	1.3	3.7	1.7	.6	.1							7.3	6.1
ESE	2.7	5.2	3.8	.7	.2	.1						12.7	6.2
SE	6.3	15.4	2.1	.1								24.0	4.4
SSE	5.9	9.2	.4	.1								15.7	3.9
S	7.2	5.9	.8	.3								14.2	3.8
SSW	1.9	1.1	.2	.1								3.3	4.0
SW	.8	1.1	.6	.1	.1							2.7	5.7
WSW	1.4	.1	.1	.2								1.9	3.9
W	.8	.9	.3	.1		.1						2.2	5.7
WNW	.3	.8	.2									1.3	5.2
NW	.3		.1	.1								.6	4.6
NNW		.1	.1									.2	7.0
VARBL													
CALM												12.0	
	29.6	44.0	11.0	2.6	.7	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	.1									2.1	3.6
NNE	.3	.3	.1	.0	.0							.6	4.9
NE	.5	.4	.3	.2	.1	.0						1.5	7.0
ENE	.4	.5	.8	.6	.3	.1						2.7	9.3
E	1.3	2.3	1.6	.4	.1	.0						5.8	6.2
ESE	2.1	3.7	2.6	1.0	.3	.0						9.7	6.5
SE	3.7	9.8	4.1	1.2	.2	.0						19.1	5.8
SSE	3.6	6.9	2.4	.2	.0							13.0	4.8
S	3.1	3.0	1.2	.4	.1	.1	.0					7.9	5.0
SSW	1.2	.6	.4	.4	.1	.0	.0					2.7	6.3
SW	.6	.6	.5	.5	.0							2.2	7.1
WSW	1.1	.5	.6	.3	.1							2.5	5.7
W	1.3	1.1	.8	.4	.0	.0						3.7	5.7
WNW	1.4	1.6	1.1	.3	.0							4.4	5.5
NW	1.8	2.4	1.3	.5	.0							6.0	5.4
NNW	1.1	1.9	.9	.2								4.1	5.2
VARBL													
CALM												12.1	
	24.6	36.5	18.7	6.4	1.3	.3	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7188

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1										.4	3.5
NNE	.2	.1										.3	2.3
NE	.3	.1	.2	.1								.8	5.6
ENE	.4	.3	.5									1.3	5.3
E	.5	2.0	1.4	.6								4.6	6.7
ESE	2.3	5.9	2.6	2.6	.3							13.7	7.0
SE	5.2	19.9	5.0	1.1								31.1	5.3
SSE	6.2	9.9	2.3	.3								15.7	4.6
S	3.1	2.2	.5									5.8	3.8
SSW	1.1	.3	.4	.4	.1							2.4	5.9
SW	.9	.5	.4	.1								1.9	4.9
WSW	.5	.9	.3	.2								1.9	5.9
W	.9	.6	.3	.1								1.9	4.5
WNW	.2	.5	.5	.1								1.4	6.2
NW	.2	.4	.3	.3								1.3	7.4
NNW	.3			.1								.4	5.0
VARBL													
CALM												11.9	
	22.7	43.9	14.9	6.1	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (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	.2	.2	.2									.6	4.8
NNE	.1											.1	1.0
NE	.2	.1										.3	2.7
ENE	.3	.5		.1	.1							1.1	6.7
E	1.2	1.5	1.3	.4								4.4	5.8
ESE	3.2	7.1	3.4	1.8	.3							15.9	6.4
SE	4.8	18.0	6.2	2.2	.4							31.6	5.9
SSE	3.8	12.9	3.1	.2								20.0	5.0
S	2.3	1.8	.9	.1								5.1	4.4
SSW	.9	.4	.4	.3	.3	.1						2.5	6.1
SW	1.0	.5	.3	.1								1.9	4.4
WSW	.3	.5	.1									1.0	3.9
W	1.1	.3	.3	.1								1.8	4.4
WNW	.3	.3										.6	3.0
NW	.3	.4	.1									.9	4.4
NNW	.4											.4	1.3
VARBL													
CALM												11.7	
	20.4	44.7	16.5	5.4	1.2	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1										.5	2.4
NNE	.1	.1										.2	3.0
NE	.1		.1									.2	6.0
ENE	.6	.4	.2	.1								1.4	4.7
E	1.3	1.5	1.1	.4	.2							4.5	6.3
ESE	1.7	5.0	2.6	2.6	.1							11.9	7.2
SE	6.0	14.6	8.3	2.8	.1							31.9	6.1
SSE	4.3	10.9	6.1	.2	.1							21.6	5.4
S	2.5	3.1	1.4	.3		.1						7.4	5.2
SSW	.4	.8	.5	.2	.1							2.0	7.3
SW	.4	.1		.1								.6	3.8
WSW	.3	.8	.1	.1								1.3	4.9
W	.4	.6	.2									1.3	4.6
WNW	.2	.3	.4	.2								1.2	7.8
NW	.4	.3	.1									.9	4.0
NNW	.3	.4	.1	.1								1.0	4.9
VARBL													
CALM												11.9	
	19.7	39.1	21.3	7.2	.6	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JFC (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	1.1	.2										1.3	2.3
NNE	.2	.3	.1									.6	4.2
NE	.2	.4										.6	4.3
ENE	1.2	1.0	.1	.3								2.6	4.6
E	1.9	1.6	1.4	1.0	.2							6.1	6.5
ESE	2.2	2.7	3.0	4.4	.4	.2						12.9	9.0
SE	2.4	6.4	5.7	3.3	.8							18.5	7.7
SSE	3.4	7.1	4.1	.2								14.9	5.3
S	3.9	4.4	1.4	.1	.1	.1	.1					10.1	4.8
SSW	1.5	1.1	.2	.3	.2							3.3	5.5
SW	1.3	.4	.3	.4								2.5	5.0
WSW	.8	.6	.2	.1								1.7	4.7
W	.8	1.0	.5	.4	.2							2.9	7.1
WNW	1.6	.5	.6	.3								3.1	4.9
NW	1.1	.4	.5	.1								2.2	5.0
NNW	1.3	.3										1.6	2.7
VARBL													
CALM												15.0	
	24.8	28.5	18.3	11.1	1.9	.3	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	2.6	.8	.1								6.9	4.0
NNE	1.6	.9	.3									2.8	3.5
NE	1.4	.5		.4								2.4	4.8
ENE	1.2	.9	.5	.5	.1							3.2	6.0
E	1.7	1.3	1.4	.8								5.2	6.0
ESE	1.0	1.3	1.8	2.0	.3	.4						6.9	9.9
SE	1.2	1.7	2.0	2.4	.4	.1						7.8	9.0
SSE	1.1	1.0	.6	.2		.1						3.0	5.3
S	1.7	1.8	.8	.6	.1	.3						5.4	6.8
SSW	.4	.4	.5	1.1	.5		.1					3.1	11.3
SW	1.2	.2	.4	.4								2.3	5.3
WSW	1.4	.4	1.0	.6	.1							3.5	6.6
W	2.7	2.3	1.2	.4	.2							6.8	5.3
WNW	1.7	2.2	1.5	.3	.1							5.9	5.6
NW	2.6	3.2	2.0	.8	.1	.1						8.8	6.0
NNW	2.2	3.1	1.4	.4	.1	.1						7.3	5.7
VARBL													
CALM												19.8	
	26.5	23.8	16.3	11.2	2.2	1.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.8	.2									5.8	3.7
NNE	.9	.3	.1									1.3	3.8
NE		.3	.2	.3								.9	5.5
ENE	.5	.9	1.4	.9	.3							4.0	5.6
E	.5	1.7	1.6	.5								4.4	4.7
ESE	.5	.6	1.0	.5	.4							3.1	5.9
SE	1.1	.6	.9	.6	.1	.2						3.7	7.9
SSE	.3	.3	.5									1.2	5.5
S	.3	.4	.5	.5		.1						1.9	9.1
SSW	.4	.1	1.0	.6	.3							2.5	10.3
SW	.3	.4	.8	1.3								2.8	10.1
WSW	.3	.4	.9	1.0	.1							2.7	9.4
W	1.5	2.2	2.2	.6	.3							6.8	6.7
WNW	2.4	2.0	3.2	1.4								9.0	6.7
NW	3.0	6.8	7.0	2.2	.5							19.5	7.0
NNW	3.7	6.0	5.7	.9	.1							16.4	6.0
VARBL													
CALM												14.1	
	18.6	26.0	27.1	11.5	2.3	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.2										3.1	3.0
NNE	.6	.1			.1							.9	4.6
NE	.6	.2	.3	.1								1.3	5.1
ENE	.1	1.0	.8	.3	.1	.1						2.4	9.2
E	2.5	1.9	2.6	.4								7.5	5.5
ESE	1.0	1.5	1.0	.5	.1							4.1	6.6
SE	1.1	2.8	1.1	.5								5.5	5.6
SSE	1.7	1.8	.5	.2								4.3	4.6
S	1.1	1.2	.3	.1								2.7	4.4
SSW	.6	.3	.9	.6								2.5	7.5
SW	1.1	.6	.8	.3								2.8	5.8
WSW	.9	.5	.1									1.5	3.4
W	3.6	1.9	1.3	.4								7.2	4.7
WNW	3.2	3.3	1.3	.5								8.4	4.9
NW	4.0	4.9	2.7	.9	.1							12.5	5.3
NNW	2.3	2.5	.5	.2								5.5	4.3
VARBL													
CALM												27.3	
	26.3	25.9	14.1	5.3	.4	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1										.2	3.0
NNE	.1	.1	.1									.3	5.0
NE	.2	.3	.1									.6	4.8
ENE	.4	1.0	.4	.2								2.1	6.3
E	1.4	2.6	2.2	.2								6.4	5.7
ESE	3.2	6.0	2.2	1.1	.1	.1						12.7	5.7
SE	4.5	14.6	3.1	.9	.1							23.2	5.0
SSE	6.0	10.2	.6									16.8	3.9
S	5.8	3.2	.2	.3								9.6	3.5
SSW	1.6	.5	.1	.6	.2	.1						3.2	5.9
SW	.9	.5	.5	.2								2.2	5.5
WSW	1.0	.6	.2	.1								1.9	4.8
W	1.6	1.1	.3									3.0	3.9
WNW	.3	.2	.5									1.1	4.0
NW	.8	.2										1.0	2.7
NNW	.3		.1									.4	3.8
VARBL													
CALM												15.1	
	28.4	41.4	10.8	3.7	.4	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.9	.1	.0								2.4	3.6
NNE	.5	.2	.1		.0							.8	3.7
NE	.4	.3	.1	.1								.9	5.3
ENE	.6	.7	.5	.3	.1	.0						2.2	6.5
E	1.4	1.8	1.6	.6	.1							5.4	6.1
ESE	1.9	3.8	2.2	2.0	.3	.1						10.2	7.3
SE	3.3	9.8	4.0	1.7	.2	.0						19.2	6.1
SSE	3.4	6.8	2.2	.2	.0	.0						12.6	4.9
S	2.6	2.3	.8	.3	.0	.1	.0					6.0	4.8
SSW	.9	.5	.5	.5	.2	.0	.0					2.7	7.9
SW	.9	.4	.4	.4								2.1	6.0
WSW	.7	.6	.4	.3	.0							2.0	5.9
W	1.6	1.3	.8	.3	.1							4.0	5.4
WNW	1.3	1.2	1.0	.4	.0							3.8	5.7
NW	1.5	2.1	1.6	.5	.1	.0						5.9	6.1
NNW	1.3	1.5	1.0	.2	.0	.0						4.1	5.4
VARBL													
CALM												15.8	
	23.4	34.2	17.4	7.7	1.2	.3	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7428

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-79 (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	1.1	1.0	.5	.1	.0	.0						2.7	4.8
NNE	.4	.3	.1	.0	.0	.0						.9	4.4
NE	.4	.3	.2	.1	.0	.0						1.2	5.6
ENE	.6	.6	.5	.4	.1	.0	.0	.0				2.2	7.0
E	1.2	1.6	1.2	.4	.1	.0	.0					4.6	6.1
ESE	1.5	2.8	1.8	1.0	.3	.1	.0					7.5	7.0
SE	3.3	7.6	2.8	1.1	.2	.0	.0					15.0	5.8
SSE	3.6	6.5	1.9	.2	.0	.0						12.2	4.8
S	3.3	3.4	1.2	.4	.0	.0	.0	.0				[illegible]	4.8
SSW	1.1	.9	.7	.6	.1	.0	.0					3.5	5.9
SW	1.0	.9	.9	.7	.1	.0	.0					3.7	7.1
WSW	1.1	1.2	1.0	.6	.1	.0						4.1	6.7
W	1.6	2.0	2.0	.8	.1	.0						6.4	6.4
WNW	1.1	1.7	1.5	.5	.0	.0						4.9	6.3
NW	1.4	2.4	2.2	.8	.1	.0						6.8	6.6
NNW	1.1	1.8	1.5	.5	.0	.0						4.9	6.3
VARBL													
CALM												11.1	
	23.9	35.0	20.1	8.4	1.2	.2	.0	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 87583

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-79 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L S T))

CIG 200 FT, 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.2	.3								4.8	6.6
NNE		.6	.3									1.0	6.7
NE	.3		1.0									1.3	6.5
ENE		.3		.3								.6	8.0
E	1.6	2.9	.3	.3		.3						5.4	6.3
ESE	1.3	1.6				.6	.3					3.8	9.1
SE	1.0	2.6	.3	.3		.6	.3					5.1	8.9
SSE	.6	1.6	.3			.6						3.2	8.4
S	1.9	.3	.6	.6			.3	.3				4.2	9.8
SSW	1.0	.3	.6	.6								2.6	7.1
SW	1.6	1.0		.6			.3					3.5	7.4
WSW	.3	1.0	.6			.3						2.2	8.3
W	3.5	1.9	1.9	1.3								8.7	5.6
WNW	2.6	2.2	1.6	1.9	1.0							9.3	7.7
NW	2.9	4.2	4.8	2.6	.6	.3						15.4	7.6
NNW	2.9	3.2	1.9	1.3								9.3	5.9
VARBL													
CALM												19.6	
	22.1	25.3	16.7	10.3	1.6	2.9	1.3	.3				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 312

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

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.

D

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)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
> 1800																
> 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

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

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (LATITUDE) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) (HOUR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	=0
NO CEILING	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	86.5	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	93.5	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	96.4	97.2	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	96.8	97.5	97.6	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	97.0	98.0	98.1	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	97.0	98.0	98.2	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.3	98.3	98.5	98.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.3	98.4	98.6	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.4	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.4	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.4	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.5	98.6	98.8	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.5	98.6	98.8	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.5	98.6	98.8	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.5	98.6	98.8	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.5	98.6	98.8	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	97.5	98.6	98.8	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	97.5	98.6	98.8	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	97.5	98.6	98.8	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.5	98.6	98.8	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	97.5	98.6	98.8	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ P-70,73-79 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	⅝	½	¼	0
NO CEILING	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	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
≥ 6000	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.3
≥ 5000	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.2
≥ 4500	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.7
≥ 4000	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.4
≥ 3500	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.3
≥ 3000	96.4	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.7	97.8
≥ 2500	96.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.3
≥ 2000	96.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.3
≥ 1800	96.5	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.4
≥ 1500	96.5	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.5
≥ 1200	96.8	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.7
≥ 1000	96.9	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.9
≥ 900	96.9	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.0
≥ 800	96.9	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.0
≥ 700	97.0	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.3
≥ 600	97.0	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.4	99.5
≥ 500	97.0	98.5	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.9
≥ 400	97.0	98.6	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 300	97.0	98.6	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	97.0	98.6	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	97.0	98.6	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
0	97.0	98.6	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 627

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23103 (STATION NUMBER) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-79 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	95.6	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	96.1	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	96.3	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	96.4	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	96.5	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	96.5	97.3	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 1200	96.5	97.3	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1000	96.7	97.5	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 900	96.7	97.5	98.0	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 800	96.7	97.5	98.0	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 700	96.7	97.6	98.1	98.7	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	96.7	97.6	98.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23100 STATION DAVIS-MONTHAN AFB AZ STATION NAME 8-70,73-79 YEARS JA MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	5/16	≥	≥0
NO CEILING	69.5	69.6	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 20000	74.2	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 18000	75.3	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0
≥ 16000	75.8	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 14000	78.1	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9
≥ 12000	80.8	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6	81.6
≥ 10000	83.1	83.3	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	84.0	84.0
≥ 9000	84.1	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.9	84.9
≥ 8000	86.0	86.2	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.9	86.9
≥ 7000	88.1	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9	88.9
≥ 6000	90.6	90.9	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.6	91.6
≥ 5000	93.3	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.3	94.3
≥ 4500	94.0	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.9	94.9
≥ 4000	95.4	95.7	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.6	96.6
≥ 3500	95.6	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	97.0	97.0
≥ 3000	96.7	97.0	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.1	98.1
≥ 2500	96.8	97.1	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.3	98.3
≥ 2000	97.2	97.5	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.9	98.9
≥ 1800	97.2	97.5	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.9	98.9
≥ 1500	97.4	97.7	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1
≥ 1200	97.5	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2
≥ 1000	97.5	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2
≥ 900	97.5	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2
≥ 800	97.5	97.8	98.4	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.5
≥ 700	97.7	98.1	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7
≥ 600	97.7	98.1	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 500	97.7	98.1	98.6	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 400	97.7	98.1	98.6	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 300	97.7	98.1	98.6	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	97.7	98.1	98.6	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	97.7	98.1	98.6	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	97.7	98.1	98.6	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 856

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ 68-76,73-79
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	<0
NO CEILING	67.9	68.0	68.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	96.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	98.4	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.5	98.7	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.5	98.7	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.6	98.8	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.6	98.8	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.6	98.8	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.7	98.9	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-79 (YEARS) JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	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
≥ 4000	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.9	99.1	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
≥ 1000	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ 68-70,73-79 JAN
(STATION NUMBER) (STATION NAME) (YEARS)

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 5/16	≥1	≥0
NO CEILING	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
≥ 20000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	92.9	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
≥ 5000	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.3	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.3	98.6	98.9	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.3	98.6	98.9	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.6	98.9	99.2	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	98.9	99.2	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 92[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ 73-79 JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	
NO CEILING	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	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
≥ 12000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	85.1	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
≥ 8000	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	95.9	96.4	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	96.8	97.6	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.5	97.8	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.8	99.1	99.6	99.7	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 92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 8-70,73-79 (YEARS) JA (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	.	≥2	≥1½	≥1 .	≥1	≥¾	≥ .	≥ .	≥5/16	≥ .	≥0
NO CEILING	70.7	70.7	70.8	70.8	70.8	70.	70.8	70.8	70.8	70.8	70.8	70.9	70.8	70.8	70.8	70.8
≥ 20000	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.8	75.8	75.8	75.8
≥ 16000	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 14000	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 9000	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 8000	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 4000	96.1	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	96.6	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 3000	97.2	97.7	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 2500	97.5	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 2000	97.6	98.2	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1800	97.6	98.3	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	97.7	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1200	97.8	98.4	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1000	97.8	98.5	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 900	97.8	98.5	98.9	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.8	98.5	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 700	97.9	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.9	98.6	99.0	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	97.9	98.6	99.0	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	97.9	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	97.9	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	97.9	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	97.9	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	97.9	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7416

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 20000	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	83.8	83.8	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
≥ 12000	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.8	99.5	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
≥ 1000	98.8	99.3	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
≥ 900	98.8	99.5	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
≥ 800	98.8	99.5	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
≥ 700	98.8	99.5	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
≥ 6[illegible]	98.8	99.5	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
≥ 500	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.9	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 20000	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	84.9	85.1	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
≥ 10000	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	89.1	89.6	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
≥ 6000	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	94.8	95.6	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	95.2	95.0	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	96.2	97.4	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	96.2	97.4	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	96.3	97.5	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	96.5	97.6	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	96.6	98.0	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	96.7	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.0	98.7	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.2	98.8	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	97.2	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.2	98.9	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.2	98.9	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.2	98.9	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.2	98.9	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4
≥ 20000	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 6000	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.3
≥ 5000	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 4500	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3
≥ 4000	96.1	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.3
≥ 3500	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5
≥ 3000	96.7	97.5	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2
≥ 2500	97.0	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.5
≥ 2000	97.4	98.2	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1800	97.5	98.3	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 1500	97.8	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8
≥ 1200	97.8	98.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1000	97.8	98.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 900	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	>0
NO CEILING	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 18000	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 9000	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 18000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	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
≥ 10000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 946

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.6	88.6	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
≥ 8000	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	97.5	97.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.5	98.6	98.6	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.5	98.6	98.6	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.8	98.9	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.9	99.1	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.9	99.1	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.1	99.2	99.2	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.3	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70, 73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	74.0	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	79.1	79.1	79.1	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 18000	79.2	79.2	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	80.5	80.5	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	82.8	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	85.9	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	88.0	88.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	89.0	89.0	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	89.9	89.9	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	91.1	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	93.3	93.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	96.9	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.3	97.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	97.4	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	97.5	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	98.0	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.2	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.6	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 842

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 18000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	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
≥ 4500	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	98.1	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
≥ 3500	98.1	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
≥ 3000	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	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	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 342

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7
≥ 12000	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 3000	98.0	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.5	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.7	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1000	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
= 0	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6759

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.2	75.3	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.7	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
≥ 3000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.6	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
≥ 1200	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.8	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
≥ 900	98.8	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	98.8	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	98.8	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	98.8	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	98.9	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	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	100.0	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	99.1	100.0	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 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (WBAN) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ 0	≥0
NO CEILING	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 20000	77.5	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	89.2	89.4	89.6	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
≥ 6000	91.7	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	95.6	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	96.1	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	96.6	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	97.3	97.5	97.7	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
≥ 2500	98.1	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.5	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.5	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.6	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.8	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼	0
NO CEILING	73.4	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	78.4	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	79.5	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	80.0	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	81.9	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	85.1	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	88.8	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	91.0	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	93.4	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	95.4	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.3	96.6	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	97.0	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	97.7	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.0	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	98.4	98.7	98.7	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
≥ 1800	98.7	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.8	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	84.5	84.7	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
≥ 6000	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	94.1	94.3	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
≥ 4500	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	97.4	97.7	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
≥ 3000	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	[illegible]	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.1	99.6	99.7	99.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.1	99.6	99.7	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
≥ 500	99.1	99.6	99.7	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
≥ 400	99.1	99.6	99.7	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
≥ 300	99.1	99.6	99.7	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
≥ 200	99.1	99.6	99.7	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	99.1	99.6	99.7	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
≥ 0	99.1	99.6	99.7	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

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 9000	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	95.3	95.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	96.7	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.0	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	97.3	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.6	98.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	97.7	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	97.8	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.0	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.1	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.2	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.2	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.2	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.2	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.6	97.8	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	98.2
≥ 3000	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.2	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5
≥ 1800	98.3	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1500	98.5	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1200	98.6	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1000	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 900	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 800	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
0	98.6	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.5	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.6	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1200	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 07-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 20000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 18000	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
≥ 16000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 14000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10000	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
≥ 9000	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
≥ 8000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	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
≥ 4500	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
≥ 4000	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	99.9	99.9	99.9
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 07-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 20000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 18000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 16000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 14000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 12000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000	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
≥ 7000	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
≥ 6000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	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
≥ 4500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 20000	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 18000	90.4	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
≥ 16000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 14000	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 12000	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 10000	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 6000	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4000	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 20000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 18000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 16000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 14000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 12000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 9000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	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
≥ 7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	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	98.2	98.2	98.2
≥ 4500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	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	99.9	99.9	99.9
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (WBAN) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ 7/8	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥0
NO CEILING	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 20000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 18000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000	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
≥ 10000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 8000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 6000	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥½	≥	≥5/16	≥ ¼	≥0
NO CEILING	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 16000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 14000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 12000	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
≥ 10000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	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
≥ 8000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	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
≥ 5000	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
≥ 4500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 20000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 18000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 14000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 12000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 10000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	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
≥ 5000	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
≥ 4500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 20000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 16000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 14000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 12000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 7000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	<¼
NO CEILING	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 20000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 18000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 16000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 14000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 20000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 16000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 14000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 12000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 10000	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 9000	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 8000	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 7000	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 6000	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 10000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 9000	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
≥ 8000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 7000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	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
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 20000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 16000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 12000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 10000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	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	98.2	98.2	98.2
≥ 8000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	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
≥ 6000	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
≥ 5000	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 20000	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	94.1	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
≥ 16000	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 14000	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 12000	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 10000	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 9000	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 300	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 20000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 18000	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 16000	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 14000	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 12000	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 10000	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6000	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	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
≥ 3500	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
≥ 3000	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 20000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 14000	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 12000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 10000	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.6	99.8	99.8	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
≥ 1800	99.6	99.8	99.8	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
≥ 1500	99.6	99.8	99.8	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
≥ 1200	99.6	99.8	99.8	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
≥ 1000	99.6	99.8	99.8	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
≥ 900	99.6	99.8	99.8	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
≥ 800	99.6	99.8	99.8	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
≥ 700	99.6	99.8	99.8	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
≥ 600	99.6	99.8	99.8	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
≥ 500	99.6	99.8	99.8	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
≥ 400	99.6	99.8	99.8	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
≥ 300	99.6	99.8	99.8	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
≥ 200	99.6	99.8	99.8	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	99.6	99.8	99.8	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
≥ 0	99.6	99.8	99.8	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

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 20000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 18000	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
≥ 16000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 12000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	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
≥ 8000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 20000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 18000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 16000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 14000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 12000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 9000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	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
≥ 6000	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	99.9	99.9	99.9
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	86.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 20000	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 18000	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 16000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 14000	94.3	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
≥ 12000	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 10000	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 20000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 18000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 16000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 14000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 12000	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	98.2	98.2	98.2
≥ 10000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 9000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 8000	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
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
– 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
– 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
– 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOUR) 0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 20000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 18000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 16000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥0
NO CEILING	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 20000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 18000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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	99.9	99.9	99.9
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 20000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 18000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 16000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 14000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 12000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	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
≥ 20000	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 18000	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 14000	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 12000	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 10000	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 8000	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 7000	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 6000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 5000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 4500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 4000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 20000	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
≥ 18000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 16000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 14000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 10000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 9000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 6000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 20000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	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
≥ 14000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 12000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 10000	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
≥ 9000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 8000	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 7000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 6000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 5000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 4500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 4000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 20000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 18000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 16000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 14000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 12000	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
≥ 10000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	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
≥ 8000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
≥ 20000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
≥ 18000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
≥ 16000	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	
≥ 14000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
≥ 12000	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
≥ 10000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
≥ 9000	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	
≥ 8000	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	
≥ 7000	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	
≥ 6000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 5000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 4500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 4000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 3500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 3000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 2500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 2000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 1800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 1500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 7199

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 9000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	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
≥ 5000	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 9000	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
≥ 8000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	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
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 8000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 6000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	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
≥ 10000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 9000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 8000	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
≥ 7000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	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
≥ 20000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 10000	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
≥ 9000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 8000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0
≥ 8000	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 7000	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 6000	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 5000	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 4500	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 4000	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3500	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3000	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	=0
NO CEILING	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	95.7	95.8	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.3	96.5	96.5
≥ 6000	98.5	98.7	98.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 5000	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 4500	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 4000	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 3500	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 3000	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.8	99.0	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼	=0
NO CEILING	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 7000	95.3	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 6000	97.6	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 5000	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 4500	98.3	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 4000	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 3500	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 3000	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 2500	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 2000	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1800	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1500	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1200	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	98.4	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-76 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	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
≥ 9000	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 6000	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 5000	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 12000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	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
≥ 9000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 20000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 12000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 9000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	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
≥ 5000	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
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ .	≥5/16	≥ .	≥0
NO CEILING	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	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
≥ 12000	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
≥ 10000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 9000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 8000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 20000	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
≥ 18000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 12000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 10000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 9000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 8000	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
≥ 7000	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
≥ 6000	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	99.9	99.9	99.9
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 14000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 12000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	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
≥ 9000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 8000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	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	98.2	98.2	98.2
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	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
≥ 18000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	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
≥ 8000	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 7000	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 9000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 6000	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.7	99.7	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	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.7	99.7	99.8	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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	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
≥ 18000	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
≥ 16000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	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
≥ 9000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 20000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	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
≥ 12000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 10000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 16000	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
≥ 14000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 12000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 10000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	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
≥ 6000	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
≥ 5000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 999

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥.	≥5/16	≥.	≥0
NO CEILING	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 20000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 12000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HRS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ 0	≥0
NO CEILING	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 20000	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 16000	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 12000	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 10000	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (WBAN) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	< ¼	20
NO CEILING	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 20000	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 14000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 12000	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10000	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	99.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23106 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼
NO CEILING	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 12000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 10000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 000

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 8000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 5000	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 4500	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 4000	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3500	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3000	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 2500	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 2000	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1800	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1500	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	99.1	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 7000	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 6000	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 5000	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 4500	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 4000	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 3500	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 3000	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2500	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2000	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
> 800	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 8000	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
≥ 7000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	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
≥ 5000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 11-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≤ 20000	82.8	82.8	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
≥ 18000	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	94.3	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
≥ 9000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 6000	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3500	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3000	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1250	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 20000	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
≥ 18000	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
≥ 16000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 14000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 12000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) GMT (WORLD)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0
NO CEILING	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 20000	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 18000	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 16000	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 10000	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 9000	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 8000	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 7000	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 20000	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 18000	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 12000	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 5000	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) CT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	>1¼	>1	≥¾	≥½	<½	≥5/16	≥¼	≥0
NO CEILING	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 20000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 18000	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 16000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 12000	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 10000	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	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
4500	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 20000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 18000	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 14000	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 12000	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	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
≥ 7000	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 5000	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	98.8	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	98.9	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.0	99.4	99.6	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
≥ 2500	99.0	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.0	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.0	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.0	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 16000	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 14000	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 8000	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	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
≥ 5000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	=0
NO CEILING	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 14000	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 12000	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 7000	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	99.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.0	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) GCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (MONTH)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0 16	≥¼	≥0
NO CEILING	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 20000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 18000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 16000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 12000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 10000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 8000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	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
≥ 6000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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	99.9	99.9	99.9
≥ 2000	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	99.9	99.9	99.9
≥ 1800	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	99.9	99.9	99.9
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH) ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING, FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 14000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 12000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 10000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 7000	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-76 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0001-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 20000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 18000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 16000	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 14000	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 12000	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 10000	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 9000	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 8000	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 7000	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 6000	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 5000	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 4500	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 4000	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 3500	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 3000	98.6	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 2500	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 2000	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1800	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1500	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1200	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1000	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 900	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.8	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 907

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ 67-70,73-78
STATION NUMBER STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 20000	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 18000	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 16000	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 14000	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 12000	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 10000	90.6	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 9000	90.8	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 8000	92.1	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 7000	93.2	93.6	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 6000	95.0	95.3	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 5000	96.2	96.6	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 4500	97.0	97.7	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 4000	97.4	98.1	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 3500	97.6	98.2	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 3000	97.6	98.2	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 2500	97.8	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 2000	97.9	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1800	97.9	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1500	98.0	98.8	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1200	98.0	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1000	98.0	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	98.0	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	98.0	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	98.0	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	98.1	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-76,73-76 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

060/-0000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	< ¼	0
NO CEILING	80.9	80.9	81.0	81.0	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 20000	83.7	83.7	83.8	83.8	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	83.8	83.8	83.9	83.9	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 14000	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 12000	88.3	88.3	88.4	88.4	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	89.3	89.3	89.4	89.4	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	90.0	90.0	90.1	90.1	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	91.0	91.0	91.1	91.1	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	93.0	93.0	93.1	93.1	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	96.1	96.2	96.3	96.3	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	98.2	98.3	98.4	98.4	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4000	99.0	99.1	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.1	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.1	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.1	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 397

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) JULY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	< ¼	0
NO CEILING	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 20000	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 14000	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 12000	89.5	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	90.7	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 8000	91.3	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	95.8	95.9	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	97.5	97.7	98.0	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	97.9	98.0	98.3	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	98.1	98.2	98.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	98.3	98.4	98.8	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.3	98.4	98.8	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.4	98.6	98.9	99.0	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.6	98.7	99.0	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.6	98.7	99.0	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.7	98.8	99.1	99.2	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.7	98.8	99.1	99.2	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.7	98.8	99.1	99.2	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.7	98.8	99.1	99.2	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	98.8	99.1	99.2	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	98.9	99.2	99.3	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 20000	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	83.9	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 16000	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	86.4	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	87.6	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	89.1	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	89.7	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	90.4	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	91.1	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	94.9	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000	97.1	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	97.2	97.8	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	97.4	98.0	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	97.4	98.0	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.1	98.8	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.2	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.2	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	98.2	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.3	99.0	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.3	99.0	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.0	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) JULY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (LOCAL TIME)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	<¼
NO CEILING	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 20000	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 18000	85.1	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
≥ 16000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 12000	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.7	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
≥ 2000	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.8	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
> 20000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 16000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 12000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	<¼	0
NO CEILING	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 20000	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 16000	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 14000	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 12000	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 10000	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.2	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.4	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.4	98.9	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.8	99.2	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	99.5
≥ 2500	99.0	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.0	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.0	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.6	99.6	99.6	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	99.0	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	<0
NO CEILING	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 16000	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 14000	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 12000	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000	90.8	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 7000	93.1	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	97.6	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	97.9	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.1	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	98.2	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.5	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 2500	98.6	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 2000	98.7	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.7	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.7	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	99.3	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.7	99.3	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7165

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼	0
NO CEILING	78.3	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	81.3	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	81.3	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	81.7	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	82.8	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	84.9	85.0	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	86.3	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	86.8	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	87.3	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	88.4	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	90.7	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	92.8	93.1	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	93.3	93.6	93.9	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	93.5	94.0	94.2	94.4	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	94.3	94.8	95.0	95.3	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	95.9	96.8	97.0	97.2	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	95.9	96.9	97.1	97.4	97.5	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	95.9	97.0	97.2	97.5	97.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	95.9	97.0	97.2	97.5	97.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.1	97.2	97.5	97.8	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1200	96.1	97.2	97.5	97.8	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1000	96.2	97.3	97.7	98.1	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 900	96.2	97.3	97.8	98.2	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 800	96.2	97.4	98.0	98.3	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 700	96.2	97.4	98.1	98.4	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 600	96.2	97.6	98.3	98.6	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 500	96.2	97.6	98.4	98.7	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 400	96.2	97.6	98.4	98.7	98.9	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 300	96.2	97.6	98.4	98.7	98.9	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	96.2	97.6	98.4	98.7	98.9	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 100	96.2	97.6	98.4	98.7	98.9	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	96.2	97.6	98.4	98.7	98.9	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 629

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 20000	82.5	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
≥ 18000	82.5	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
≥ 16000	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10000	87.1	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000	87.2	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	87.5	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	88.9	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	91.1	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	92.8	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	93.8	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	94.1	94.4	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	94.7	95.2	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	95.8	96.2	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	96.2	96.7	97.2	97.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	96.3	96.9	97.4	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.3	96.9	97.4	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.3	97.0	97.5	97.6	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	96.5	97.2	97.7	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	96.5	97.2	98.2	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	96.5	97.2	98.2	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.5	97.2	98.3	98.4	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.5	97.3	98.5	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.5	97.4	98.6	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.5	97.4	98.6	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.5	97.4	98.6	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	96.5	97.5	98.7	98.8	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.5	97.5	98.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.5	97.5	98.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	96.5	97.5	98.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70, 73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	87.7	87.7	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.6	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	94.7	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	95.3	95.5	95.7	95.8	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	95.0	96.2	96.4	96.7	96.7	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.1	96.3	96.6	96.8	96.8	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	96.1	96.3	96.6	96.9	96.9	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	96.1	96.3	96.6	96.9	97.0	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	96.1	96.3	96.7	97.0	97.1	97.7	97.8	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1200	96.2	96.4	96.8	97.1	97.2	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1000	96.2	96.6	97.0	97.3	97.5	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
≥ 900	96.2	96.6	97.0	97.3	97.5	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
≥ 800	96.2	96.6	97.0	97.3	97.6	98.3	98.5	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9
≥ 700	96.2	96.6	97.1	97.4	97.7	98.4	98.6	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 600	96.2	96.6	97.3	97.6	98.0	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 500	96.2	96.6	97.3	97.6	98.0	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 400	96.2	96.6	97.3	97.6	98.0	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.4
≥ 300	96.2	96.6	97.3	97.6	98.3	98.9	99.1	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	96.2	96.6	97.3	97.6	98.3	98.9	99.1	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.6	99.7
≥ 100	96.2	96.6	97.3	97.6	98.4	99.0	99.2	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8
≥ 0	96.2	96.6	97.3	97.6	98.4	99.0	99.2	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 923

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-79,73-76 (YEARS) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	=0
NO CEILING	74.6	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	79.8	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 18000	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 16000	80.9	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 14000	81.7	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 12000	84.1	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 10000	84.8	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 9000	85.3	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 8000	86.5	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 7000	87.2	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1
≥ 6000	89.7	90.2	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 5000	91.9	92.8	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 4500	92.0	92.9	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 4000	92.4	93.3	93.3	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 3500	92.7	93.6	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 3000	93.0	94.0	94.2	94.6	94.9	94.9	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 2500	93.5	94.5	94.7	95.2	95.5	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 2000	93.5	94.5	94.7	95.3	95.6	95.6	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1800	93.5	94.5	94.7	95.3	95.7	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 1500	93.6	94.8	95.3	95.8	96.2	96.2	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 1200	93.8	95.0	95.6	96.2	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1000	94.0	95.3	95.8	96.4	96.9	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7
≥ 900	94.0	95.3	95.8	96.4	96.9	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7
≥ 800	94.0	95.3	95.8	96.4	97.0	97.1	97.3	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	98.0
≥ 700	94.0	95.3	96.0	96.7	97.2	97.3	97.5	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥ 600	94.0	95.3	96.0	96.7	97.2	97.3	97.5	97.6	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 500	94.0	95.3	96.0	96.7	97.4	97.7	98.0	98.2	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.1
≥ 400	94.0	95.3	96.0	96.7	97.4	97.8	98.1	98.3	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.4
≥ 300	94.0	95.3	96.0	96.7	97.4	97.8	98.2	98.4	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.5
≥ 200	94.0	95.3	96.0	96.7	97.4	97.8	98.2	98.4	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.5
≥ 100	94.0	95.3	96.0	96.7	97.4	97.8	98.2	98.4	98.8	99.0	99.5	99.5	99.8	99.8	99.8	99.9
≥ 0	94.0	95.3	96.0	96.7	97.4	97.8	98.2	98.4	98.8	99.0	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ (67-70, 73-78) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	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
≥ 12000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	96.3	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	97.2	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	97.3	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	97.5	97.8	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.5	97.8	98.2	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.7	98.1	98.4	98.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	97.7	98.1	98.4	98.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	97.7	98.1	98.4	98.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	97.7	98.1	98.4	98.5	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	97.7	98.1	98.4	98.6	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.7	98.1	98.4	98.6	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.7	98.1	98.4	98.6	98.8	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.7	98.1	98.4	98.6	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.1	98.4	98.6	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.7	98.1	98.4	98.6	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION NUMBER) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	85.0	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	87.0	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	88.1	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	89.5	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	90.7	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	93.2	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	95.3	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	95.7	96.0	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.3	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	96.6	97.0	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
> 3000	97.1	97.6	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.5	98.1	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	98.2	98.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.2	98.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.3	98.9	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.3	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.3	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.3	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.3	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.3	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	98.3	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	<¼
NO CEILING	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 20000	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 12000	86.7	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	88.1	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	88.6	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	90.0	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	91.9	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	93.5	94.1	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	93.7	94.4	95.1	95.2	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4000	94.2	95.0	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	94.8	95.7	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	95.6	96.5	97.6	97.9	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	96.0	97.1	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	96.2	97.4	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	96.2	97.4	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	96.2	97.4	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	96.2	97.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.2	97.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.2	97.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.2	97.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.2	97.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.2	97.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.2	97.5	98.8	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.2	97.5	98.8	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.2	97.5	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.2	97.5	98.8	99.2	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.2	97.5	98.8	99.2	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.2	97.5	98.8	99.2	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (LATITUDE) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	<¼
NO CEILING	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000	81.5	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 16000	81.7	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	83.0	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000	85.9	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	88.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	88.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	90.0	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	93.8	94.9	94.9	95.1	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	94.0	95.0	95.0	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4000	94.4	95.5	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	95.4	96.5	96.5	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	96.0	97.4	97.7	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	96.8	98.2	98.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	96.8	98.2	98.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	96.9	98.3	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.9	98.4	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.9	98.4	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.9	98.4	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.9	98.4	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.9	98.4	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	96.9	98.4	98.8	99.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
= 0	96.9	98.4	98.8	99.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 DAVIS-MONTHAN AFB AZ 67-70,73-76 DEC
STATION STATION NAME YEARS MONTH

ALL
HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	<¼
NO CEILING	76.8	77.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 20000	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	82.8	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 10000	86.6	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
> 7000	89.1	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	91.5	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	93.6	94.0	94.2	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	94.0	94.5	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	94.3	94.9	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	94.9	95.5	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 3000	95.7	96.4	96.8	97.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	96.1	96.8	97.2	97.4	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	96.3	97.1	97.4	97.7	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.3	97.1	97.5	97.7	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.4	97.2	97.7	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
> 1200	96.4	97.3	97.8	98.1	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1000	96.5	97.4	98.0	98.3	98.5	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 900	96.5	97.4	98.0	98.3	98.5	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
> 800	96.5	97.4	98.0	98.3	98.5	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.5	97.4	98.1	98.4	98.6	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	96.5	97.5	98.2	98.5	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 500	96.5	97.5	98.2	98.5	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	96.5	97.5	98.2	98.5	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 300	96.5	97.5	98.2	98.6	98.9	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	96.5	97.5	98.2	98.6	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	96.5	97.5	98.2	98.6	98.9	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	96.5	97.5	98.2	98.6	98.9	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7421

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-79 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.5
≥ 18000	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	82.9
≥ 16000	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 8000	93.3	93.4	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
≥ 7000	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 6000	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 5000	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 4500	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 4000	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.7	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 2500	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.0	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.0	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87583

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

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-79 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	40.4			21.5						12.3	25.8	4.3	651
	03-05	43.8			16.4						12.3	27.5	4.3	651
	06-08	35.5			22.3						16.9	25.1	4.7	650
	09-11	30.1			22.1						19.8	28.0	5.2	651
	12-14	24.9			26.7						21.7	26.7	5.4	651
	15-17	22.0			28.0						20.3	29.7	5.6	650
	18-20	28.3			24.6						19.2	28.0	5.3	651
	21-23	34.3			23.7						17.2	24.8	4.7	650
TOTALS		32.4			23.2						17.5	27.0	4.9	5205

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-79 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	49.6			22.8						11.3	16.2	3.3	591
	03-05	50.0			20.2						13.6	16.3	3.5	590
	06-08	39.9			26.1						16.2	17.8	4.0	591
	09-11	31.7			30.0						18.3	20.0	4.5	590
	12-14	26.0			35.4						19.6	18.4	4.7	591
	15-17	24.7			31.5						20.7	23.1	5.1	590
	18-20	33.3			28.0						19.3	19.5	4.5	586
	21-23	43.4			26.4						12.6	17.5	3.7	587
TOTALS		37.4			27.6						16.5	18.8	4.2	4715

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	47.8			18.9						12.7	20.6	3.8	557
	03-05	47.0			19.5						13.7	19.8	3.8	555
	06-08	37.1			26.1						18.6	18.2	4.3	555
	09-11	33.3			26.6						16.3	23.7	4.6	552
	12-14	27.4			26.1						22.0	24.5	5.2	551
	15-17	25.0			29.4						21.8	23.8	5.2	555
	18-20	34.8			26.0						18.1	21.0	4.5	557
	21-23	48.0			18.8						15.4	17.7	3.7	558
TOTALS		37.6			23.9						17.3	21.2	4.4	4440

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	62.6			18.1						10.0	9.3	2.4	540
	03-05	61.9			20.2						9.8	8.1	2.3	540
	06-08	52.0			24.0						14.3	9.7	3.0	538
	09-11	49.8			24.1						15.2	10.9	3.2	540
	12-14	40.0			30.6						17.6	11.9	3.7	540
	15-17	37.2			29.4						16.7	16.7	4.1	540
	18-20	42.5			28.9						16.1	12.4	3.6	539
	21-23	56.9			23.3						9.8	10.0	2.6	540
TOTALS		50.4			24.8						13.7	11.1	3.1	4317

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	65.2			18.5						9.9	6.5	2.1	558
	03-05	63.8			19.4						9.1	7.7	2.2	558
	06-08	57.7			23.1						11.1	8.1	2.5	558
	09-11	53.9			28.0						10.1	8.1	2.6	557
	12-14	46.5			30.3						14.7	8.4	3.1	557
	15-17	40.7			31.9						17.4	10.0	3.5	558
	18-20	48.2			24.4						19.0	8.4	3.3	558
	21-23	60.5			20.3						12.9	6.3	2.4	557
TOTALS		54.6			24.5						13.0	7.9	2.7	4461

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	72.6			16.5						8.9	2.0	1.5	540
	03-05	66.7			23.7						6.5	3.1	1.6	540
	06-08	59.1			28.1						9.3	3.5	2.0	541
	09-11	60.4			26.3						8.5	4.8	2.0	540
	12-14	52.2			32.8						8.5	6.5	2.4	540
	15-17	45.4			35.2						12.8	6.7	2.9	540
	18-20	46.0			32.1						14.1	7.8	3.0	539
	21-23	65.6			18.7						9.6	6.1	2.0	540
TOTALS		58.5			26.7						9.8	5.1	2.2	4319

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	14.9			25.8						28.0	31.4	6.4	558
	03-05	17.2			29.4						32.4	21.0	5.9	558
	06-08	12.4			33.2						38.4	16.1	6.1	558
	09-11	14.5			42.3						29.6	13.6	5.3	558
	12-14	7.9			50.2						33.3	8.6	5.4	558
	15-17	5.0			39.2						43.4	12.4	6.3	558
	18-20	5.7			23.8						39.1	31.4	7.4	558
	21-23	10.4			19.2						32.8	37.6	7.3	558
TOTALS		11.0			32.9						34.6	21.5	6.3	4464

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	37.3			31.0						17.4	14.3	4.9	558
	03-05	40.5			33.3						14.9	11.3	3.5	558
	06-08	24.7			50.2						15.8	9.3	3.9	555
	09-11	26.7			52.9						15.1	5.4	3.5	555
	12-14	13.6			63.3						20.1	3.0	4.0	558
	15-17	7.9			53.6						30.6	7.9	5.2	558
	18-20	12.9			39.6						34.8	12.7	5.6	558
	21-23	23.7			35.5						23.1	17.7	4.9	558
TOTALS		23.4			44.9						21.5	10.2	4.3	4464

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-78 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	49.7			25.6						13.5	11.1	3.1	539
	03-05	53.7			20.6						10.1	9.6	3.0	540
	06-08	36.5			40.2						14.6	6.7	3.2	540
	09-11	37.4			42.4						14.1	6.1	3.2	540
	12-14	21.9			51.3						19.3	7.6	4.0	540
	15-17	16.7			47.0						25.0	11.3	4.8	540
	18-20	27.6			34.1						25.7	12.6	4.6	540
	21-23	41.9			29.6						15.6	13.0	3.6	540
TOTALS		35.9			36.4						16.0	9.8	3.7	4319

USAFETAC FORM 0-9-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 DAVIS-MONTHAN AFB AZ 73-78 OCT
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	59.2			22.3						11.1	7.4	2.4	557
	03-05	60.5			19.0						12.0	8.4	2.5	557
	06-08	47.8			31.5						11.5	9.1	2.9	558
	09-11	45.2			32.4						11.8	10.6	3.1	558
	12-14	36.7			37.6						14.9	10.8	3.5	558
	15-17	36.2			32.4						18.1	13.3	3.9	558
	18-20	47.7			25.8						14.0	12.5	3.3	558
	21-23	57.6			23.2						11.0	8.3	2.5	557
TOTALS		48.9			28.0						13.1	10.1	3.0	61

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 DAVIS-MONTHAN AFB AZ 73-78 NOV
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	59.4			17.6						14.4	8.5	2.7	540
	03-05	60.3			17.1						10.9	11.7	2.7	539
	06-08	45.9			27.0						16.5	10.0	3.4	540
	09-11	40.7			31.1						18.5	9.6	3.6	540
	12-14	36.7			34.4						14.8	14.1	3.8	540
	15-17	36.7			30.9						16.9	15.6	4.0	540
	18-20	44.1			27.8						16.5	11.7	3.5	540
	21-23	55.0			23.7						11.3	10.0	2.7	540
TOTALS		47.4			26.2						15.0	11.5	3.3	4319

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-76 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	56.6			17.4						8.5	17.4	3.0	557
	03-05	57.7			18.5						10.2	13.5	2.8	558
	06-08	45.8			22.4						14.9	16.9	3.7	557
	09-11	35.7			23.5						19.0	21.7	4.6	557
	12-14	31.5			31.0						15.9	21.5	4.5	558
	15-17	31.7			29.4						17.6	21.3	4.6	558
	18-20	46.9			18.9						15.4	18.9	3.8	557
	21-23	56.9			14.4						11.8	16.9	3.2	557
TOTALS		45.4			21.9						14.2	17.3	3.8	4459

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 73-79 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	32.4			23.2						17.5	27.0	4.9	5205
FEB		37.4			27.6						16.3	10.6	4.2	4716
MAR		37.6			23.9						17.3	21.2	4.4	4440
APR		50.4			24.8						13.7	11.1	3.1	4317
MAY		54.6			24.5						13.0	7.9	2.7	4461
JUN		58.5			26.7						9.8	5.1	2.2	4319
JUL		11.0			32.9						34.6	21.5	6.3	4464
AUG		23.4			44.9						21.5	10.2	4.3	4464
SEP		35.9			36.4						18.0	9.8	3.7	4319
OCT		48.9			28.0						13.1	10.1	3.0	4461
NOV		47.4			26.2						15.0	11.5	3.3	4319
DEC		45.4			21.9						14.2	10.5	3.6	4459
TOTALS		40.2			28.4						17.0	14.4	3.8	53944

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

E

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

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

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

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

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

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

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

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

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

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

74-20000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23109 DAVIS-MONTHAN AFB AZ 49-79
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
110						.3	.1						.1
105					.2	11.4	7.3	1.6	.8				1.8
100				.1	3.4	39.8	36.6	20.3	11.7	.4			9.4
95				2.1	19.7	69.9	71.6	59.7	42.2	7.7			22.9
90			.5	9.8	49.6	89.9	91.1	88.9	74.1	29.4			36.3
85	.2	.6	6.2	30.3	72.5	97.9	97.8	98.4	91.6	52.5	4.9		46.3
80	1.4	5.5	20.8	58.0	87.6	99.7	99.6	99.6	97.3	72.0	22.4	1.7	55.7
75	8.9	19.2	41.0	75.1	94.8	100.0	100.0	99.9	99.4	85.7	43.6	11.2	65.1
70	24.1	39.9	60.6	86.4	98.5			100.0	100.0	92.7	64.0	30.2	74.8
65	45.4	60.0	75.2	93.0	99.5					96.9	80.1	54.3	83.8
60	68.7	78.3	87.1	97.6	99.8					99.2	90.2	71.8	91.1
55	84.5	92.0	94.3	99.4	100.0					99.7	96.6	85.7	96.0
50	94.5	97.8	98.6	100.0						100.0	99.0	94.9	98.7
45	98.7	99.5	99.8								99.8	98.9	99.7
40	99.7	100.0	100.0								100.0	99.7	99.9
35	100.0											100.0	100.0
MEAN	63.3	66.6	71.2	79.6	88.1	97.5	97.2	95.4	92.8	83.7	72.0	64.3	81.0
S D	8.388	8.558	9.477	8.695	7.465	5.996	5.483	4.690	5.901	8.618	8.789	8.449	14.791
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

22109 DAVIS-MONTHAN AFB AZ 49-79
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						.1	.8						.1
80						5.8	10.3	2.2	11.0				1.6
75					.9	21.0	48.3	32.7	13.1	.5			9.6
70			.1		5.8	46.6	92.3	86.9	49.1	4.6			24.0
65				1.9	20.8	74.8	99.9	99.9	80.7	20.9	.2		33.4
60		.2	.9	11.0	51.8	92.9	100.0	100.0	96.1	50.0	3.3		42.4
55	.9	3.7	9.0	32.2	76.9	99.3			99.3	73.4	16.0	1.7	51.3
50	8.1	13.7	27.7	62.6	92.4	100.0			100.0	83.0	40.2	10.5	62.1
45	26.3	36.1	55.7	84.4	98.4					95.7	67.7	31.8	74.8
40	54.8	61.9	78.8	95.9	99.8					99.4	86.0	59.0	86.4
35	79.2	85.2	94.5	99.7	100.0					99.9	95.0	83.1	94.8
33	86.9	90.9	97.0	100.0							97.9	89.0	96.8
30	93.0	95.6	99.1							100.0	99.6	95.9	98.6
25	98.5	99.2	99.9								100.0	99.1	99.7
20	99.6	100.0	100.0									100.0	100.0
15	100.0												100.0
MEAN	40.0	41.7	45.2	51.4	59.3	69.0	74.5	73.1	69.0	58.6	47.4	41.1	55.9
S.D.	6.808	6.978	6.741	6.536	6.636	6.418	3.781	3.260	5.067	7.243	7.004	6.614	13.983
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23109 DAVIS-MONTHAN AFB AZ 49-79
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						1.2	1.2						.2
90					.1	15.7	21.0	6.5	2.3				3.8
85					4.0	44.4	64.6	50.6	26.9	.9			16.1
80			.1	.9	15.9	75.9	94.3	92.4	66.4	11.0			30.2
75			.2	9.3	51.7	94.0	99.5	99.5	90.9	38.4	.6		40.5
70	.1	1.2	5.3	32.2	75.6	99.0	100.0	100.0	98.7	64.1	8.2	.2	49.0
65	2.2	6.6	23.3	60.8	91.8	100.0			100.0	83.9	29.6	2.6	58.6
60	11.8	24.9	48.0	81.2	97.5					91.6	56.4	17.1	69.2
55	36.0	50.6	70.4	92.6	99.5					97.3	77.8	43.7	80.8
50	64.8	75.9	86.3	98.3	99.9					99.5	90.4	70.9	90.7
45	86.2	91.3	96.6	99.9	100.0					100.0	97.1	88.3	96.6
40	95.2	97.6	99.6	100.0							99.6	96.7	99.0
35	99.2	99.8	100.0								100.0	99.0	99.8
30	99.6	100.0										100.0	100.0
25	100.0												100.0
MEAN	51.9	54.4	58.4	65.7	73.9	83.5	86.1	84.5	81.1	71.4	59.9	52.9	68.6
S D.	6.736	7.022	7.424	7.038	6.596	5.683	4.144	3.453	4.814	7.348	7.283	6.766	14.035
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 49-79 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			89	97	103	106	1 4	105	104	94	c6	89	
50	88	86	92	93	95	106	106	107	108	100	c7	c8	10
51	81	89	81	93	106	105	106	103	102	97	c3	77	106
52	78	76	80	91	99	106	109	104	107	9[illegible]	c9	75	10[illegible]
53	89	79	92	94	99	112	110	108	105	100	c9	77	112
54	79	84	86	96	97	109	109	102	104	98	c6	84	109
55	76	82	87	89	101	108	109	97	102	101	c4	c1	109
56	80	76	90	89	100	107	105	103	104	96	c3	76	107
57	73	88	85	87	95	108	106	101	101	94	77	74	108
58	75	c1	76	93	104	107	109	99	101	92	c5	c3	109
59	80	77	83	95	99	106	104	100	103	94	79	78	106
c0	76	77	87	93	102	112	107	104	101	92	c4	79	112
61	75	80	84	97	100	107	104	101	96	93	76	74	107
62	75	83	88	101	98	105	102	106	103	92	c4	75	106
c3	79	88	86	97	97	102	105	102	100	99	c3	71	105
64	75	74	85	92	98	103	105	102	96	94	c2	71	105
65	76	77	85	96	98	101	105	103	98	97	c4	79	105
66	73	71	83	87	98	105	104	100	98	91	c4	79	105
67	80	82	89	87	98	104	105	102	99	92	c5	68	105
c8	73	82	82	85	100	109	103	95	100	91	c3	79	109
69	81	73	86	95	103	106	106	105	101	96	79	79	106
70	76	79	77	84	100	111	106	100	102	c4	c4	c2	111
71	84	78	90	91	94	105	109	97	101	87	c5	79	109
72	77	83	89	92	97	107	108	107	97	97	78	73	108
73	75	76	74	90	99	108	108	104	104	94	c7	c1	108
74	79	89	87	91	106	110	103	100	101	94	79	72	11[illegible]
75	77	78	84	88	97	104	102	107	97	95	c8	c0	107
76	79	81	84	88	97	107	104	102	96	9[illegible]	c2	73	107
77	72	80	81	90	102	106	103	104	101	9[illegible]	c5	77	106
78	72	75	85	92	103	110	108	100	98	95	c4	74	11[illegible]
MEAN													
S D													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 HRS)

USAF ETAC FORM AUG 66 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23169 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
79	70	80											
MEAN	77.4	79.6	84.9	91.9	99.5	106.0	105.8	102.3	101.0	94.0	83.4	77.1	107.7
S.D.	4.288	4.271	4.405	3.812	3.060	2.696	2.285	3.166	3.151	3.697	3.490	3.939	2.086
TOTAL OBS	930	847	930	900	930	900	930	930	900	93	900	930	10957

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

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

LOWEST TEMPERATURE

(FROM DAILY OBSERVATIONS)

231v9 DAVIS-MONTHAN AFB AZ 49-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			34	38	51	56	60	67	67	37	29	24	
50	21	23	38	42	39	57	55	66	57	32	42	35	21
51	27	29	32	39	41	57	70	65	65	47	36	28	27
52	27	26	31	44	52	59	68	65	60	52	34	31	26
53	32	26	32	41	46	58	67	68	62	45	30	31	26
54	33	35	33	49	49	58	70	65	63	46	37	25	25
55	27	23	31	41	46	54	63	69	61	45	34	34	23
56	34	26	31	35	52	64	67	67	66	41	38	30	26
57	33	35	37	41	48	63	72	67	61	48	32	32	32
58	29	33	34	38	53	65	69	70	55	45	46	33	29
59	30	33	35	50	47	62	67	69	59	47	39	31	31
60	27	26	36	42	50	64	70	68	58	46	31	20	20
61	35	36	38	43	52	55	67	64	58	47	32	23	32
62	21	32	29	46	44	51	66	64	61	43	33	27	21
63	24	36	32	37	51	54	69	67	65	52	36	32	24
64	20	24	29	38	41	59	68	65	58	50	30	32	20
65	29	23	27	38	41	53	65	65	52	42	39	32	23
66	25	30	28	41	50	58	70	7	65	42	33	24	24
67	21	33	34	34	37	56	69	69	63	49	38	25	21
68	32	35	35	36	46	55	68	65	54	47	32	23	23
69	28	29	30	44	41	59	69	70	63	41	33	24	24
70	25	29	36	37	44	58	70	69	56	37	40	32	25
71	17	28	22	40	49	54	70	67	55	31	36	27	17
72	27	32	35	40	50	64	69	66	58	39	34	29	27
73	27	35	33	35	42	57	66	69	57	45	30	27	27
74	31	28	33	40	45	62	69	68	62	41	36	22	22
75	27	27	33	37	41	59	68	69	61	40	33	28	27
76	25	34	32	33	49	54	68	67	61	41	29	30	25
77	29	30	32	36	45	61	70	69	64	51	40	37	29
78	30	29	38	35	46	60	66	68	58	50	37	22	22
MEAN													
S D													
TOTAL OBS													

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

USAF ETAC FORM AS 64 0-88-5 (OTA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 49-79 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	27	32											
MEAN	27.4	30.2	32.7	37.6	46.3	58.3	62.1	67.3	6[illegible].2	44.[illegible]	[illegible]4.3	29.[illegible]	24.7
S D	4.252	3.954	3.527	4.148	4.417	3.742	1.936	1.784	3.[illegible]5	[illegible].[illegible]5[illegible]	[illegible].[illegible]7	4.571	[illegible].5[illegible]
TOTAL OBS	930	847	930	900	930	900	930	930	90[illegible]	93[illegible]	[illegible] [illegible]	[illegible] [illegible]	1[illegible]9[illegible]

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

USAF ETAC FORM AM 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61					.3			.1										4	4		
60/ 59					.2		.1	.2	.3	.5								13	13		
58/ 57				.4	.4	.1	.2	.2	.4	.1								18	18		
56/ 55		.2	.6	.1	.8	.3	.4	.2	.4	.1								30	30	2	
54/ 53		.4	.9	.3	.6	.6	.5	1.1	.3									45	45	3	1
52/ 51		.9	1.0	.6	.8	.8	1.7	.9	.4									65	65	26	5
50/ 49		1.2	1.9	1.3	.6	1.1	1.1	1.1	.3									80	80	17	19
48/ 47	.1	2.4	2.6	1.5	1.5	1.4	1.1	.1										99	99	45	12
46/ 45		5.3	1.4	2.0	3.2	1.3	.8	.2	.1									133	133	59	39
44/ 43	.2	2.8	1.9	1.5	1.3	2.2	1.0	.1	.1									103	103	119	55
42/ 41		3.1	1.9	1.4	2.4	1.0	.3											94	94	81	46
40/ 39	.1	1.5	2.3	1.4	1.4	.6	.1											69	69	126	71
38/ 37	.3	1.9	1.4	.8	1.1	.3	.3											57	57	108	47
36/ 35		2.6	.5	1.2	.4	.1												45	45	99	60
34/ 33	.1	.5	1.3	.9	.1													27	27	94	53
32/ 31		.9	1.0	.4	.2													23	23	49	73
30/ 29		.9	.9	.4														20	20	50	64
28/ 27			.2															2	2	32	58
26/ 25																				12	52
24/ 23																				5	44
22/ 21																					53
20/ 19																					66
18/ 17																					34
16/ 15																					23
14/ 13																					20
12/ 11																					14
10/ 9																					7
8/ 7																					4
6/ 5																					1
4/ 3																					3
0/ -1																					3
TOTAL	.9	24.6	19.8	14.3	15.4	9.8	7.7	4.2	2.5	.8									927			927
																		927		927	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	3973024	57380	61.92	1.330	927							
Dry Bulb	1882647	41309	44.6	6.721	927		4.5					93
Wet Bulb	1420598	35846	38.7	6.102	927		14.8					93
Dew Point	967834	28426	30.7	10.191	927	.3	52.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
62/ 61					.2			.1		.1								4	4		
60/ 59						.2	.2											4	4		
58/ 57				.2	.3	.2	.1	.1	.6	.1								16	16		
56/ 55				.2	.8	.4	1.3	.4	.1									30	30		
54/ 53		.4	.5	.4	.1	.4	.1	.4	.1									24	24	2	
52/ 51	.1	1.2	.9	.8	.8	.5	.2	1.2	.1									53	53	15	4
50/ 49		1.0	1.5	.8	.5	1.1	.9	.5	.3									61	61	25	11
48/ 47	.3	1.3	1.6	1.1	.9	2.8	1.0	.8										90	90	39	19
46/ 45	.6	4.3	1.9	1.0	1.6	1.4	1.2											112	112	42	31
44/ 43		3.7	2.4	2.2	1.8	1.6	1.1	.2	.1									121	121	106	29
42/ 41		4.2	1.8	1.7	2.6	1.3	.5	.1										114	114	69	54
40/ 39	.2	1.6	2.6	1.0	1.4	1.0	.1											73	73	117	66
38/ 37	.3	1.9	1.7	.4	1.6	.0	.2											64	64	105	65
36/ 35		2.3	1.4	1.0	.2	.3												48	48	112	46
34/ 33	.1	2.6	1.2	1.5	.2													52	52	89	58
32/ 31		1.3	1.1	.6	.3													31	31	82	62
30/ 29		.4	1.0	.3	.1													17	17	56	73
28/ 27		.4	.6	.2														12	12	42	64
26/ 25		.1																1	1	17	57
24/ 23																				9	47
22/ 21																					49
20/ 19																					50
18/ 17																					54
16/ 15																					32
14/ 13																					22
12/ 11																					12
10/ 9																					7
8/ 7																					7
6/ 5																					1
4/ 3																					3
2/ 1																					1
-2/ -3																					3
TOTAL	1.7	26.8	20.3	13.4	13.5	12.0	6.9	3.9	1.4	.2								927	927	927	927

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4089003	58321	62.9	21.292	927							
Dry Bulb	1772364	40042	43.2	6.794	927		6.1					93
Wet Bulb	1348455	34887	37.6	6.192	927		20.7					93
Dew Point	920575	27673	29.9	10.101	927	.3	54.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70, 73-79 (YEARS) JAN (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
62/ 61								.2										2	2		
58/ 57			.1	.1	.2	.3	.4	.1	.2									14	14		
56/ 55			.2	.2	.6	.2	.2	.4	.1									19	19		
54/ 53		.1	.6	.6	.4	.4	.3	.1	.3									28	28	3	
52/ 51		1.2	.8	.8	.6	.1	.2	.8										41	41	10	4
50/ 49	.1	1.3	1.3	.8		1.7	1.2	.5	.2									66	66	22	9
48/ 47	.2	1.9	1.3	.9	1.5	1.3	.9	.8										81	81	37	17
46/ 45	.1	2.6	2.3	1.1	2.5	.9	.4	.2										93	93	57	31
44/ 43	.1	5.0	1.4	1.2	2.3	2.0	.3		.1									115	115	49	37
42/ 41		2.9	2.5	1.6	2.3	2.6	.5	.3										118	118	93	37
40/ 39		2.4	2.6	1.9	1.7	1.5	.1	.1										96	96	96	61
38/ 37	.4	1.8	2.6	.8	.8	.3	.1											63	63	113	63
36/ 35		2.7	1.3	1.4	.8	.3												60	60	102	57
34/ 33	.4	2.5	1.4	1.1	.3	.2												55	55	127	48
32/ 31		1.2	1.3	.6	.2													31	31	76	65
30/ 29		1.0	1.0	.5	.1													24	24	53	71
28/ 27		.9	.9															16	16	43	67
26/ 25		.2	.3															5	5	35	66
24/ 23																				10	49
22/ 21																				1	38
20/ 19																					49
18/ 17																					64
16/ 15																					37
14/ 13																					21
12/ 11																					11
10/ 9																					9
8/ 7																					4
6/ 5																					4
4/ 3																					4
0/ -1																					1
-4/ -5																					3
TOTAL	1.4	27.6	21.8	13.6	14.3	12.0	4.7	3.6	1.0										927		927
																		927		927	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4161735	59013	63.7	20.912	927							
Dry Bulb	1702100	39224	42.3	6.768	927		7.6					93
Wet Bulb	1305217	34295	37.0	6.274	927		21.9					93
Dew Point	896133	27249	29.4	10.137	927	.4	56.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73													.1	.1				2	2		
72/ 71													.1					1	1		
70/ 69													.1					1	1		
68/ 67											.3	.2	.2					7	7		
66/ 65						.1		.2	.2	.6	.1	.2						14	14		
64/ 63					.2	.1	.3	.2	.8	.5	.6	.3						29	29		
62/ 61						.2	.3	.4	1.2	1.1	.8	.1						38	38		
60/ 59					.8	.5	.5	.9	1.2	1.4	.3							52	52		
58/ 57				.9	.6	.6	1.0	1.7	1.0	.9		.1						63	63	1	
56/ 55		.3	.9	1.4	1.8	1.1	1.6	1.1	1.2	.3								90	90	2	
54/ 53		.6	1.0	1.6	1.6	1.1	1.5	2.0	1.3	.3								103	103	11	2
52/ 51	.1	.5	1.2	2.4	1.5	1.5	1.0	.9	.4	.1								89	89	39	7
50/ 49	.2	1.1	2.4	1.4	1.7	1.4	.9	1.3	.4	.1								101	101	56	16
48/ 47	.1	1.7	1.4	2.3	1.6	1.1	1.1	.4	.5									95	95	97	16
46/ 45	.2	1.0	1.8	1.4	1.8	1.1	1.3		.2									82	82	130	53
44/ 43		.5	1.3	1.4	.4	1.1	.6	.4										54	54	124	46
42/ 41	.1	1.0	.5	1.2	.5	.5	.1											37	37	129	50
40/ 39		.4	.6	.6	1.2		.1											28	28	91	60
38/ 37		.2	.9	.4	.8	.2												23	23	90	59
36/ 35		.3	.2	.6	.1													12	12	57	62
34/ 33	.1	.1	.2	.2														6	6	49	60
32/ 31			.2															2	2	32	63
30/ 29			.1															1	1	16	63
28/ 27																				6	55
26/ 25																					61
24/ 23																					41
22/ 21																					45
20/ 19																					52
18/ 17																					48
16/ 15																					23
14/ 13																					17
12/ 11																					6
10/ 9																					6
8/ 7																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 8-70,73-79 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					4
4/ 3																					6
2/ 1																					2
0/ -1																					1
-2/ -3																					1
TOTAL	.9	7.8	12.7	15.8	14.7	10.6	10.3	9.6	8.4	5.4	2.2	1.0	.5	.1				930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2809785	47097	50.6	21.381	930							
Dry Bulb	2473892	47494	51.1	7.220	930		.3	1.1	.2			93
Wet Bulb	1670932	39076	42.0	5.594	930		5.4					93
Dew Point	993186	28820	31.0	10.379	930	.2	49.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																.1		1	1		
80/ 79																.2		2	2		
78/ 77														.2		.3		5	5		
76/ 75													.1	.2	.3	.1		7	7		
74/ 73													.0	.2	.6			14	14		
72/ 71										.1	.2	.8	.8	1.3				29	29		
70/ 69							.2			.5	1.5	1.1	1.7	.8				54	54		
68/ 67						.1	.2	.2	.5	1.1	1.7	1.1	1.6					61	61		
66/ 65						.1	.9	.6	.5	1.7	1.7	1.2	.4					67	67		
64/ 63						1.1	1.5	.8	.9	.8	1.1	1.0	.1					66	66		
62/ 61					.1	1.1	1.2	1.3	1.4	.8	.8	.6						67	67		
60/ 59				.1	1.6	1.4	1.4	1.5	1.6	.9	1.0	.1						89	89		
58/ 57			.2	1.2	1.0	3.1	1.6	1.1	.9	1.2	.3							98	98	3	
56/ 55		.1	.8	.8	1.4	1.2	1.6	1.0	.5	.6	.5							79	79	5	
54/ 53		.5	.2	1.4	2.0	1.5	1.9	.8	1.1	.3	.1							92	92	43	
52/ 51	.1	.8	1.0	1.1	1.2	.9	1.1	.6	.5	1.0								76	76	86	6
50/ 49		.2	.2	.6	1.2	.4	.4	.8	.1	.1								38	38	125	17
48/ 47		.6	.3	.3	.4	.8	.2	.2										27	27	151	17
46/ 45		.1		.3	.8	.8	.3											21	21	159	43
44/ 43		.1	.3	.2	.6	.3	.2	.2										19	19	109	54
42/ 41				.2	.6	.2	.1											11	11	86	42
40/ 39		.2				.1												3	3	51	59
38/ 37		.1																1	1	49	57
36/ 35																				41	49
34/ 33																				12	66
32/ 31																				5	63
30/ 29																				2	54
28/ 27																					65
26/ 25																					55
24/ 23																					41
22/ 21																					54
20/ 19																					43
18/ 17																					49
16/ 15																					26

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-72,73-79 (YEARS) JAN (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
14/ 13																					25
12/ 11																					13
10/ 9																					8
8/ 7																					7
6/ 5																					9
2/ 1																					1
0/ -1																					2
TOTAL	.1	2.8	3.0	6.3	11.0	13.1	12.9	9.1	8.1	4.1	9.0	5.8	5.4	2.7	1.0	.8			927		927
																		927		927	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1714180	35640	38.4	19.272	927							
Dry Bulb	3264357	54537	58.8	7.766	927			17.4	2.9	.1		93
Wet Bulb	1924642	41984	45.3	5.003	927		.7					93
Dew Point	960826	28198	30.4	10.551	927	.2	51.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70,73-79 YEARS — JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79															.1	.4		5	5		
78/ 77														.1	.6	.4		11	11		
76/ 75												.2	.1	.4	.6	.2		14	14		
74/ 73										.1	.1	.4	.9	1.0	.6			30	30		
72/ 71									.2	.2	.3	.5	1.7	2.6	.1			59	59		
70/ 69									.2	.4	1.1	1.6	1.1	1.0				50	50		
68/ 67						.1	.1	.4	.5	1.8	1.4	1.4	1.1	.4				68	68		
66/ 65						.2	.4	.5	.4	.6	2.1	1.1	.4					54	54		
64/ 63						.9	1.8	.8	1.3	1.2	.8	1.2						73	73		
62/ 61					.3	.8	1.3	2.2	1.8	1.1	1.6	.6						90	90		
60/ 59				.6	.8	2.3	1.5	1.4	1.3	1.8	.5	.4						99	99		
58/ 57			.3		1.0	1.4	.9	1.3	1.2	.9	.5	.2						71	71	2	
56/ 55		.1	.4	.2	1.8	1.6	1.2	1.5	.6	.4	.4							78	78	8	
54/ 53		.6	.9	.4	1.7	2.4	1.4	1.3	1.3	.4	.3							100	100	40	1
52/ 51	.1	.2	.6	.3	.4	.4	.8	.1	.6	.1								35	35	83	7
50/ 49	.1	.4	.8		.4	.2	.6	.3	.1									28	28	148	15
48/ 47	.1	.4	.1	.2	.1	1.0	.4											22	22	161	20
46/ 45				.1	.3	1.1	.6	.4										24	24	145	27
44/ 43			.5	.2		.3												10	10	111	39
42/ 41		.1	.2	.2														5	5	92	49
40/ 39																				39	51
38/ 37																				55	49
36/ 35																				32	49
34/ 33																				7	67
32/ 31																				3	60
30/ 29																					46
28/ 27																					68
26/ 25																					60
24/ 23																					46
22/ 21																					58
20/ 19																					66
18/ 17																					49
16/ 15																					27
14/ 13																					32

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN 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
12/ 11																					6
10/ 9																					7
8/ 7																					16
6/ 5																					2
2/ 1																					3
TOTAL	.3	1.9	3.9	2.4	6.9	12.6	11.1	10.3	9.7	9.2	9.6	7.8	5.3	5.7	2.2	1.1			926		926
																		926		926	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1465788	32400	35.0	18.949	926							
Dry Bulb	3460034	56132	60.6	7.880	926			23.8	6.0	.1		93
Wet Bulb	1950355	42267	45.6	4.775	926		.3					93
Dew Point	901610	27232	29.4	10.437	926		55.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 8-70,73-79 YEARS — JAN MONTH

 1800-2600 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1	.2	.1	.3	.4					1	1		
70/ 69							.1			.1	.3	.4	.2					11	11		
68/ 67						.1		.3	.8	.3	6	.8	.2					23	29		
66/ 65					.2	.1	.1	.2	1.2	1.0	.6	.2						34	34		
64/ 63				.1	.3	1.0	.4	.6	1.3	1.2	1.0	.2						57	57		
62/ 61			.2	.2	.5	.8	1.0	1.3	1.2	1.2	.5							64	64		
60/ 59			.3	1.4	1.3	1.4	1.6	2.1	1.6	1.6	.1							106	106		
58/ 57			.8	1.1	2.2	1.9	1.4	1.7	1.0	.5	.2							100	100	8	
56/ 55		.9	.9	1.5	1.5	1.8	1.6	.8	1.5	.3								100	100	18	1
54/ 53		1.2	.6	2.7	1.6	1.8	1.3	1.5	.4	.2								106	106	50	10
52/ 51	.2	1.3	1.7	1.8	1.4	1.5	1.0	1.8	.4	.3								107	107	73	17
50/ 49	.1	.8	1.4	2.2	1.0	.6	.8	.6										69	69	124	37
48/ 47		.6	.5	1.5	1.1	.6	.8	.3										51	51	142	34
46/ 45		.1	.5	.9	.5	.5	.3											27	27	128	51
44/ 43		.5	.4	.4	.6	.8	.2											28	28	120	49
42/ 41		.2	.3	.2	.6	.3												16	16	87	61
40/ 39				.4	.2	.1												7	7	71	56
38/ 37				.1														1	1	45	60
36/ 35				.1														1	1	35	67
34/ 33																				17	55
32/ 31																				7	66
30/ 29																				1	52
28/ 27																					45
26/ 25																					45
24/ 23																					52
22/ 21																					50
20/ 19																					41
18/ 17																					17
16/ 15																					30
14/ 13																					14
12/ 11																					6
10/ 9																					4
8/ 7																					3
6/ 5																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN 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
0/ -1																					3
TOTAL	.3	5.0	7.8	14.7	13.2	13.5	10.6	11.3	9.5	7.0	3.6	1.9	.2	.1				925	926	926	926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2410862	43278	46.7	20.486	926							
Dry Bulb	2700926	49628	53.6	6.671	926			2.3				93
Wet Bulb	1765017	40131	43.3	5.283	926		2.5					93
Dew Point	1005732	28934	31.2	10.483	926	.3	48.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 8-70,73-79 (YEARS) JAN (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
66/ 65						.1												1	1		
64/ 63					.1		.1			.1								3	3		
62/ 61					.1	.1		.3	.2	.3	.4							14	14		
60/ 59					.6			.4	.1	.5								16	16		
58/ 57		.1	.5	.3	.9	.5	.6	.3	.3	.3								35	35		
56/ 55			.3	1.2	.3	.4	.5	.6	.5	.4								41	41	8	
54/ 53		1.0	1.0	1.6	1.3	1.3	1.2	1.6	1.1	.1								94	94	2	4
52/ 51		.6	.9	1.4	1.6	2.1	.6	.6	.4									77	77	30	6
50/ 49	.3	2.9	1.8	1.9	1.8	1.8	1.5	1.0	.3									125	125	42	20
48/ 47		1.7	3.6	1.9	1.5	1.5	1.7	.4										115	115	55	22
46/ 45		3.6	2.2	2.6	2.3	1.4	1.5	.1										126	126	95	49
44/ 43		1.6	.9	2.1	1.3	1.3	.8											73	73	128	55
42/ 41		1.2	2.2	.8	1.0	1.1	.2	.3										62	62	111	53
40/ 39	.1	1.6	1.6	1.8	1.1	1.1	.2											70	70	101	60
38/ 37		.6	.9	1.3	.6	.1	.1											34	34	121	62
36/ 35		.3	.1	1.1		.1												15	15	96	50
34/ 33		.2	.8	.3	.1	.1												14	14	54	66
32/ 31			.2	.9														12	12	45	68
30/ 29			.1															1	1	25	56
28/ 27																				17	48
26/ 25																				5	45
24/ 23																				1	37
22/ 21																					52
20/ 19																					53
18/ 17																					41
16/ 15																					19
14/ 13																					25
12/ 11																					11
10/ 9																					7
8/ 7																					1
6/ 5																					2
2/ 1																					4
0/ -1																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70,73-79 YEARS — JAN MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	3.6	17.0	19.2	14.7	12.9	9.2	5.8	3.0	1.8	.4								926	926	926	926

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3484851	53459	57.7	20.759	926							
Dry Bulb	2113062	43846	47.3	6.321	926		1.1					93
Wet Bulb	1545933	37437	40.4	5.919	926		9.3					93
Dew Point	1017294	29138	31.5	10.419	926	.2	48.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70,73-79 YEARS — JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																.0		1	1		
80/ 79															.0	.1		7	7		
78/ 77														.0	.1	.1		16	16		
76/ 75												.0	.0	.1	.1	.0		21	21		
74/ 73										.0	.0	.1	.2	.2	.2			46	46		
72/ 71									.0	.0	.1	.2	.3	.5	.0			90	90		
70/ 69							.0		.0	.1	.3	.4	.4	.2				116	116		
68/ 67						.0	.1	.1	.1	.4	.5	.4	.4	.1				147	147		
66/ 65						.1	.2	.2	.2	.4	.6	.4	.1					165	165		
64/ 63					.1	.3	.5	.2	.5	.4	.4	.3	.0					205	205		
62/ 61				.0	.2	.4	.4	.7	.7	.6	.6	.2						276	276		
60/ 59			.0	.1	.6	.6	.5	.7	.7	.8	.3	.1						337	337		
58/ 57		.0	.2	.6	.7	.9	.8	.9	.8	.6	.1	.0						421	421	6	
56/ 55		.1	.5	.6	1.2	.9	1.0	.9	.6	.3	.1							467	467	33	
54/ 53		.6	.7	1.0	1.2	1.2	1.1	1.0	.9	.2	.1							586	586	122	9
52/ 51	.1	.8	.9	1.3	1.1	1.0	.9	.8	.4	.2								542	542	339	51
50/ 49	.1	1.2	1.5	1.1	1.0	1.2	.9	.9	.3	.1								606	606	508	124
48/ 47	.1	1.4	1.5	1.3	1.1	1.3	.9	.4	.1									598	598	709	160
46/ 45	.1	2.2	1.3	1.3	1.7	1.1	.9	.2	.0									642	642	829	307
44/ 43	.0	1.7	1.2	1.2	1.0	1.2	.5	.1	.0									522	522	874	364
42/ 41	.0	1.6	1.2	.9	1.3	.9	.3	.1										469	469	781	380
40/ 39	.1	1.0	1.3	.9	.9	.6	.1	.0										355	355	708	489
38/ 37	.1	.8	.9	.5	.6	.2	.1											249	249	712	458
36/ 35		1.0	.4	.7	.2	.1												181	181	574	433
34/ 33	.1	.7	.6	.5	.1	.0												155	155	467	485
32/ 31		.4	.5	.3	.1													97	97	309	509
30/ 29		.3	.4	.2	.0													63	63	209	505
28/ 27		.2	.2	.0														30	30	141	477
26/ 25		.0	.0															6	6	69	441
24/ 23																				25	350
22/ 21																				1	401
20/ 19																					429
18/ 17																					380
16/ 15																					204

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					192
12/ 11																					89
10/ 9																					57
8/ 7																					50
6/ 5																					26
4/ 3																					16
2/ 1																					11
0/ -1																					12
-2/ -3																					4
-4/ -5																					3
TOTAL	.6	14.1	13.3	12.5	13.0	12.1	9.2	7.2	5.4	4.2	3.1	2.1	1.5	1.1	.4	.2		7416	7416	7416	7416

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24109228	386588	52.1	23.100	7416							
Dry Bulb	19369382	372212	50.2	9.632	7416		19.7	44.5	9.1	.2		744
Wet Bulb	12931149	305923	41.3	6.479	7416		75.6					744
Dew Point	7663190	225670	30.4	10.361	7416	1.9	416.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65											.1	.1						2	2		
64/ 63							.1				.5							5	5		
62/ 61						.2	.1		.1	.1	.2	.2						9	9		
60/ 59				.2		.2			.5	.2	.1							11	11		
58/ 57				.5	.4	.2	.1	.7	.4	.9								27	27		
56/ 55		.1	.2	.8	.8	.1	.5	.6	.8	.8	.7							47	47		
54/ 53		.8	.7	1.4	.7	.9	.2	1.1	.9		.2							60	60	6	
52/ 51		1.3	2.2	2.5	1.4	.9	1.5	1.4	.5	.7								106	106	19	10
50/ 49	.1	.9	1.4	2.2	1.2	1.5	2.0	1.1	.4									92	92	34	12
48/ 47		3.1	.5	2.5	1.7	1.5	1.5	.5	.1									96	96	59	7
46/ 45		2.5	1.3	3.5	2.4	1.3	1.2	.8										110	110	70	44
44/ 43		1.3	1.7	3.0	2.1	1.3	.6	.1										85	85	79	55
42/ 41		1.8	3.3	.4	.8	.9	.8	.2										70	70	85	39
40/ 39	.1	1.9	1.7	.4	.7	1.3	.1											52	52	145	42
38/ 37	.2	.5	1.5	.4	.6	.5	.1											32	32	128	57
36/ 35	.1	.6	.2	.5	.1	.6												18	18	76	63
34/ 33	.1	.8	.2	.5	.2	.5												20	20	60	58
32/ 31				.1	.1													2	2	33	76
30/ 29				.1	.1													2	2	29	34
28/ 27																				11	40
26/ 25																				5	48
24/ 23																				7	40
22/ 21																					31
20/ 19																					34
18/ 17																					43
16/ 15																					32
14/ 13																					15
12/ 11																					16
10/ 9																					14
8/ 7																					9
6/ 5																					15
4/ 3																					4
2/ 1																					7
0/ -1																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.7	15.6	15.0	18.9	13.4	12.2	9.0	6.5	3.7	2.8	1.9	.4						846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3094388	47438	56.1	22.673	846							
Dry Bulb	1914259	39889	47.2	6.295	846		.4					84
Wet Bulb	1368705	33681	39.8	5.735	846		8.4					84
Dew Point	868792	25370	30.0	11.305	846	.1	45.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 6^R-70,73-79 EARS — FEB MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63							.1	.1		.2		.1						5	5		
62/ 61							.1		.4	.2	.2	.1						9	9		
60/ 59					.1		.2	.1	.5	.1								9	9		
58/ 57				.2	.1	.1	.4		.7	.2	.1							16	16		
56/ 55		.4	.2	.2	.7	.1	.5	.1	.7	.2	.5							31	31		
54/ 53				.5	.7	.4	.2	.5	.8	.2	.1							29	29	4	
52/ 51		1.5	1.2	1.3	1.1	.6	.4	.9	.7	.1								66	66	14	4
50/ 49	.2	.9	2.4	1.4	.9	1.9	.9	1.5	.8									94	94	14	16
48/ 47		2.6	1.8	2.5	2.0	2.0	1.1	.4	.1									105	105	43	7
46/ 45		3.3	.9	1.1	2.4	1.7	.9	.4	.1									91	91	72	21
44/ 43	.1	2.5	2.0	3.8	.9	1.8	.8	.5										105	105	83	42
42/ 41		1.8	3.2	1.2	1.1	1.5	.5	.1										79	79	75	55
40/ 39	.1	1.8	3.5	1.1	1.2	.9	.5											77	77	100	45
38/ 37		1.4	1.4	.9	1.4	.6	.4											52	52	139	47
36/ 35	.1	1.4	.9	.4	.5	.4												31	31	105	54
34/ 33	.4	.6	.7	.4	.6													22	22	63	60
32/ 31		.7	.5	.1	1.1													20	20	59	79
30/ 29			.1	.1	.1													3	3	40	58
28/ 27				.2														2	2	15	48
26/ 25																				7	38
24/ 23																				11	41
22/ 21																				2	32
20/ 19																					38
18/ 17																					44
16/ 15																					32
14/ 13																					16
12/ 11																					17
10/ 9																					10
8/ 7																					9
6/ 5																					15
4/ 3																					12
2/ 1																					5
-2/ -3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

PAGE 2 | 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
TOTAL	.9	18.9	16.9	15.4	14.9	11.9	7.0	4.6	4.8	1.4	.9	.2						846	846	846	046

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3275909	49093	58.0	22.481	846							
Dry Bulb	1766767	38259	45.2	6.578	846		2.5					84
Wet Bulb	1284754	32590	38.5	5.889	846		13.3					84
Dew Point	824675	24713	29.2	11.028	846	.1	49.1					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70,73-79 YEARS — FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
64/ 63								.1											1	1		
62/ 61									.6										5	5		
60/ 59						.1	.1	.1	.2	.1									6	6		
58/ 57						.5	.2	.2	.4	.4									14	14		
56/ 55		.2	.2	.4	.7	.5	.1		.2	.2	.4								25	25		
54/ 53			.2	.4	.5	.9	.2	.7	.7	.1	.1								33	33	3	1
52/ 51		.9	1.1	1.9	.6	.5	.8	1.4	.5	.5									69	69	6	5
50/ 49	.2	1.1	1.8	.5	.8	1.1	1.2	1.7	.2										72	72	20	9
48/ 47	.2	1.1	1.9	2.8	1.7	1.3	2.1	.8	.2										103	103	39	12
46/ 45		3.1	1.7	1.8	2.8	2.1	.7	.8	.2										112	112	55	14
44/ 43		3.4	1.2	2.7	1.7	1.3	.6	.2											94	94	81	33
42/ 41		1.8	2.0	2.2	1.7	.8	.4	.4											78	78	73	46
40/ 39	.1	3.0	3.3	1.3	1.4	.8	.6												89	89	89	57
38/ 37	.5	1.9	1.4	1.1	1.5	.4	.7												63	64	151	50
36/ 35	.2	1.7	.9	.5	.5	.4													35	35	119	53
34/ 33		.7	.4		.1	.4													13	13	71	59
32/ 31	.1	.9	.1	.4	.6														18	18	61	74
30/ 29	.1	.2	.6	.4	.4														14	14	34	63
28/ 27				.1															1	1	17	57
26/ 25																					14	40
24/ 23																					11	44
22/ 21																					1	36
20/ 19																						33
18/ 17																						42
16/ 15																						32
14/ 13																						12
12/ 11																						15
10/ 9																						14
8/ 7																						14
6/ 5																						15
4/ 3																						9
2/ 1																						3
0/ -1																						3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-76,73-79 YEARS | FEB MONTH

PAGE 2 | 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
TOTAL	1.5	20.0	16.8	16.3	14.9	11.0	7.8	6.5	3.3	1.3	.5							845	846	845	845

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3301322	49348	58.4	22.292	845							
Dry Bulb	1717187	37731	44.6	6.381	846		3.3					84
Wet Bulb	1253990	32182	38.1	5.794	845		13.7					84
Dew Point	804501	24403	28.9	10.672	845	.3	50.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (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
74/ 73											.1							1	1		
72/ 71											.1	.1	.4	.1	.1			7	7		
70/ 69								.1	.5		.2	.5	.5	.4				18	18		
68/ 67								.1	.5	.8	.2	.9	.6	.1				28	28		
66/ 65							.4	.7	.8	.5	.9	.7	.5	.1				39	39		
64/ 63						.5	.4	.9	1.3	.8	1.5	.8	.6					58	58		
62/ 61				.1	.4	.5	.8	1.2	1.2	.2	.9	.5	.1					50	50		
60/ 59			.1	.4	.5	1.1	1.5	1.2	2.1	1.5	.9	.6						84	84		
58/ 57		.1	.2	.9	.9	.8	1.7	1.5	1.1	.8	.6	.4						79	79	1	
56/ 55			.7	.6	2.2	1.7	2.0	1.1	1.5	1.1	.4							95	95	6	
54/ 53		.4	1.5	1.9	1.4	2.1	1.7	1.1	.7	.5	.1							96	96	21	3
52/ 51	.1	.4	1.4	1.7	1.8	1.9	1.1	.7	.6	.2								83	83	54	5
50/ 49		.4	1.3	1.7	1.7	1.3	.2	.6	.4									63	63	76	12
48/ 47		.2	.8	1.2	.9	.9	.6	.5	.2									46	46	110	17
46/ 45		.5	1.3	.8	.8	.7	.7	.5	.1									46	46	121	35
44/ 43		.5	.6	.7	.2	.2	.1	.2										22	22	143	40
42/ 41		.6	.2	.2	.1	.2	.2	.2										16	16	110	53
40/ 39			.5	.1		.2	.1											8	8	84	48
38/ 37		.1	.1		.1	.2												5	5	51	72
36/ 35			.1															1	1	34	54
34/ 33					.1													1	1	17	63
32/ 31																				8	66
30/ 29																				6	59
28/ 27																				3	37
26/ 25																				1	35
24/ 23																					37
22/ 21																					36
20/ 19																					34
18/ 17																					35
16/ 15																					27
14/ 13																					10
12/ 11																					16
10/ 9																					23
8/ 7																					12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					13
4/ 3																					1
2/ 1																					3
TOTAL	.1	3.1	9.0	10.3	11.2	12.4	11.5	10.6	11.0	6.5	6.4	4.5	2.6	.7	.1			846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1921636	36452	43.1	20.381	846							
Dry Bulb	2641170	46886	55.4	7.109	846			5.4	.1			84
Wet Bulb	1649480	37100	43.9	5.162	846		1.8					84
Dew Point	883225	25707	30.4	10.991	846		44.1					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 68-70,73-79 (YEARS) FEB (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
82/ 81															.1			1	1		
80/ 79														.4		.2	.2	7	7		
78/ 77												.2	.4	.1	.2	1.1		17	17		
76/ 75												.4	.4	.8	.9	.2		23	23		
74/ 73											.2	.5	1.1	.8	1.9			38	38		
72/ 71										.3	.7	1.3	1.5	1.5	.8			57	57		
70/ 69								.1	1.2	1.2	2.4	1.2	2.0	1.4				80	80		
68/ 67							.5	.4	1.2	2.2	1.9	2.0	1.8	.9				92	92		
66/ 65						.1	.5	.7	1.4	2.0	1.7	1.5	1.2	.1				79	78		
64/ 63				.1	.5	.9	1.3	.9	1.2	2.4	.9	1.1	.5					83	83		
62/ 61				.1	.6	.6	1.3	1.4	1.7	.8	.5	.6	.1					65	65		
60/ 59				.4	.5	1.2	1.9	2.0	1.4	.8	.5	.4						76	76		
58/ 57			.2	.7	.7	.9	1.7	1.5	.6	.6	.4							62	62	4	
56/ 55		.2	.2	.2	1.2	.8	.9	.7	.5	.5	.2							47	47	19	
54/ 53			.6	.1	.9	1.1	.5	.5	.5	.6	.2							42	42	67	
52/ 51		.1	.5	.5	1.1	.5	.6	.4	.7	.2								39	38	82	5
50/ 49				.2	.4	.8	.2	.2	.5									20	20	122	15
48/ 47		.1	.4	.1		.2		.4		.1								11	11	151	18
46/ 45			.2	.1	.1													4	4	168	16
44/ 43		.4						.1										4	4	98	23
42/ 41							.1											1	1	58	40
40/ 39																				32	54
38/ 37																				21	49
36/ 35																				14	54
34/ 33																				7	68
32/ 31																				2	61
30/ 29																				1	65
28/ 27																					56
26/ 25																					49
24/ 23																					33
22/ 21																					41
20/ 19																					47
18/ 17																					40
16/ 15																					26

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 201 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70,73-79 YEARS — FEB MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
14/ 13																							26
12/ 11																							24
10/ 9																							15
8/ 7																							14
6/ 5																							2
0/ -1																							3
TOTAL		.8	2.1	2.6	5.9	7.2	9.5	9.3	10.8	12.3	9.6	9.1	8.9	6.1	4.0	1.5	.2			846		846	846
																				846			

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1069422	26508	31.3	16.812	846							
Dry Bulb	3432230	53514	63.3	7.473	846			31.3	8.5	.1		84
Wet Bulb	1857459	39453	46.6	4.561	846		.3					84
Dew Point	807739	24605	29.1	10.442	846	.3	50.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — AR-70,73-79 YEARS — FEB MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81														.1	.1		.1	3	3		
80/ 79															.1	1.1	.6	15	15		
78/ 77											.1			.4	.9	2.1		30	30		
76/ 75											.1	.5	.7	.7	2.2	.8		43	43		
74/ 73										.1	.5	.8	1.1	1.3	1.8			47	47		
72/ 71										.8	.6	1.5	2.7	3.2	1.2			87	87		
70/ 69									.6	1.8	2.7	2.1	1.3	3.1				98	98		
68/ 67							.2	.2	.5	1.4	1.7	2.2	.8	.5				64	64		
66/ 65							1.3	.6	1.9	1.4	2.0	1.2	.6					78	78		
64/ 63					.4	.5	.4	1.4	1.4	2.5	1.9	.1	.5					76	76		
62/ 61			.1	.4	.8	.7	.8	1.1	1.9	.4	.8	.6						64	64		
60/ 59			.1	.2	.5	1.7	1.5	2.1	.5	.7	.5	.2						63	66		
58/ 57			.1			.6	.4	.9	.4	.7	.9							34	34	4	
56/ 55					.4	1.2	.9	.7	.4	.5	1.2							44	44	19	
54/ 53		.6	.1	.9	.4	.6	.4	.5	.5	.5								37	37	60	3
52/ 51		.2	.5	.2	.6	.2	.1	.2	.4	.2								23	23	65	8
50/ 49		.2	.6		.5	.d				.1								19	19	175	9
48/ 47			.1		.2			.4										6	6	168	14
46/ 45		.1	.2	.2														5	5	149	14
44/ 43																				100	22
42/ 41		.4																3	3	29	32
40/ 39																				42	36
38/ 37	.1																	1	1	15	53
36/ 35																				15	51
34/ 33																				4	46
32/ 31																					79
30/ 29																					47
28/ 27																					62
26/ 25																					51
24/ 23																					43
22/ 21																					56
20/ 19																					57
18/ 17																					48
16/ 15																					30

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB 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
14/ 13																					35
12/ 11																					11
10/ 9																					16
8/ 7																					10
6/ 5																					4
4/ 3																					2
2/ 1																					4
TOTAL	.1	1.5	1.9	2.0	3.7	6.3	6.0	8.2	8.3	11.1	13.3	9.3	7.9	9.2	6.4	4.0	.7	845	845	845	845

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	965928	24420	28.9	17.558	845							
Dry Bulb	3623112	54938	65.0	7.796	845			38.5	13.7	1.1		84
Wet Bulb	1878446	39678	47.0	4.260	845							84
Dew Point	758490	23766	28.1	10.330	845		55.4					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 68-70,73-79 YEARS — FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77															.1	.1		2	2		
76/ 75														.1	.0			6	6		
74/ 73										.1	.1	.1		.5	.0			14	14		
72/ 71										.4		.2	.1	.0	.2			13	13		
70/ 69									.5	.1	.5	.4	1.2	1.0				30	30		
68/ 67								.4	.5	1.1	.5	1.1	1.9	.4				48	48		
66/ 65							1.0	.6	.7	.8	1.7	1.5	1.3					64	64		
64/ 63						.2	.7	1.3	2.1	2.3	1.5	1.5	.4					85	85		
62/ 61					.2	1.1	.6	2.0	1.9	2.4	1.4	1.0	.2					91	91		
60/ 59			.1	.4	1.3	1.1	2.0	1.8	2.6	1.1	1.5	.6						105	105		
58/ 57		.2	.6	.6	.8	1.4	2.3	1.9	1.2	1.2	.5							90	90	2	
56/ 55		.2	1.3	.7	1.2	1.2	1.1	1.4	1.0	.4	.5							75	75	6	2
54/ 53		1.0	.4	.6	1.1	2.0	1.1	.5	.5	.4								62	62	44	2
52/ 51			.4	1.1	.8	1.8	.2	.7	.6	.2								49	49	62	11
50/ 49		.6	.4	.7	1.1	.1	.7	.4	.8	.4								43	43	70	16
48/ 47			.4	1.0	.6	.5	.1	.2	.5									27	27	133	11
46/ 45		.2	.7	.2	.5	.2		.2	.1									19	19	139	29
44/ 43		.4		.2			.1	.1	.1									8	8	151	37
42/ 41		.4	.1	.2			.1	.1										8	8	119	30
40/ 39																				51	50
38/ 37	.2	.1																3	3	33	52
36/ 35																				17	52
34/ 33																				16	61
32/ 31																				5	60
30/ 29																				1	41
28/ 27																				2	57
26/ 25																					40
24/ 23																					47
22/ 21																					39
20/ 19																					27
18/ 17																					57
16/ 15																					34
14/ 13																					20
12/ 11																					14

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB 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
10/ 9																					24
8/ 7																					12
6/ 5																					10
4/ 3																					1
2/ 1																					3
-2/ -3																					2
-4/ -5																					1
TOTAL	.2	3.1	4.3	5.7	7.6	9.6	10.0	11.6	13.1	11.7	8.2	6.4	5.1	2.5	1.8	.1		842	842		842

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1495246	31166	37.0	20.156	842							
Dry Bulb	2962590	49594	58.9	7.024	842			11.3	2.2			84
Wet Bulb	1721006	37852	45.0	4.800	842		.8					84
Dew Point	823934	24558	29.2	11.315	842	.3	48.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
70/ 69														.2				2	2		
68/ 67							.1											1	1		
66/ 65											.7	.6	.4					14	14		
64/ 63						.1	.1		.2	.8	.4	.2	.2					18	18		
62/ 61					.1	.8	.4	.1	.8	.4	.8		.1					30	30		
60/ 59				.1	1.4	.5	.4	.5	1.0	1.3	1.0	.4						54	54		
58/ 57		.2	.6	.5	1.1	.8	.8	.5	1.0	1.4	.4	.1						62	62		
56/ 55		.5	.8	1.4	.6	.4	1.7	1.9	1.7	1.0	.7							89	89	4	1
54/ 53		.8	1.7	2.1	2.6	1.8	1.9	2.6	.7	.7	.1							127	127	14	2
52/ 51		.2	1.3	1.7	1.9	3.0	1.8	1.3	.5	.5								102	102	42	8
50/ 49		.8	2.0	1.7	1.9	1.3	1.7	1.0	.5									91	91	46	13
48/ 47		1.0	1.3	2.6	1.3	1.4	1.0	1.1	.2									83	83	68	20
46/ 45		1.0	1.8	1.5	.8	.1	.6	1.2	.1									60	60	88	52
44/ 43		1.1	.8	1.1	.5	.4	.4	.7										41	41	132	43
42/ 41		1.1	.6	.8	.6	.2	.8											35	35	140	30
40/ 39		.1	.5	.8	.1	.2	.2	.2										19	19	117	60
38/ 37		.4	.6	.1		.1	.1											11	11	66	61
36/ 35			.1	.1														2	2	54	42
34/ 33				.1														1	1	38	56
32/ 31																				17	57
30/ 29																				10	41
28/ 27																				5	35
26/ 25																				1	56
24/ 23																					46
22/ 21																					38
20/ 19																					29
18/ 17																					34
16/ 15																					30
14/ 13																					15
12/ 11																					13
10/ 9																					27
8/ 7																					13
6/ 5																					9
4/ 3																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					4
0/ -1																					2
-2/ -3																					1
TOTAL		7.1	12.1	14.7	12.9	11.2	11.9	11.0	6.7	0.1	4.0	1.3	.7	.2				842	042	842	042

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2383418	40810	48.5	21.957	842							
Dry Bulb	2285423	43559	51.7	6.168	842			.3				84
Wet Bulb	1518360	35470	42.1	5.359	842		3.3					84
Dew Point	876232	25350	30.1	11.593	842	.3	45.3					84

USAFETAC FORM 0-26-5 (OL A) 301 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE: 1974 720-610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
82/ 81														.0	.0		.0	4	4		
80/ 79														.0	.0	.2	.1	22	22		
78/ 77											.0	.0	.0	.1	.2	.4		49	49		
76/ 75											.0	.1	.1	.2	.5	.1		72	72		
74/ 73										.0	.1	.2	.3	.3	.6			100	100		
72/ 71										.3	.2	.4	.6	.7	.3			164	164		
70/ 69								.0	.3	.4	.7	.5	.6	.8				228	228		
68/ 67							.1	.1	.3	.7	.5	.8	.6	.2				233	233		
66/ 65						.0	.4	.3	.6	.6	.9	.7	.5	.0				275	275		
64/ 63				.0	.1	.3	.4	.6	.8	1.1	.8	.5	.3					331	331		
62/ 61			.0	.1	.3	.5	.5	.7	1.1	.6	.6	.4	.1					323	323		
60/ 59			.0	.2	.5	.7	1.0	1.0	1.1	.7	.6	.3						413	413		
58/ 57		.1	.2	.4	.5	.7	.9	.9	.7	.8	.4	.1						384	384	11	
56/ 55		.2	.5	.5	1.0	.7	1.0	.8	.8	.6	.6							453	453	54	3
54/ 53		.4	.7	1.0	1.0	1.2	.8	.9	.7	.4	.1							486	486	219	11
52/ 51	.0	.6	1.1	1.3	1.2	1.2	.8	.9	.5	.3								536	536	344	56
50/ 49	.1	.6	1.2	1.1	1.1	1.1	.9	.8	.4	.1								494	494	557	102
48/ 47	.0	1.0	.9	1.6	1.1	1.0	.8	.5	.2	.0								477	477	771	106
46/ 45		1.3	1.0	1.2	1.2	.8	.5	.5	.1									447	447	862	225
44/ 43	.0	1.2	.8	1.4	.7	.6	.3	.3	.0									359	359	867	295
42/ 41		1.0	1.2	.6	.5	.5	.4	.1										290	290	680	325
40/ 39	.0	.8	1.2	.5	.4	.4	.2	.0										245	245	660	392
38/ 37	.1	.5	.6	.3	.5	.2	.2											167	168	604	441
36/ 35	.1	.5	.3	.2	.1	.2												87	87	434	423
34/ 33	.1	.3	.2	.1	.1	.1												57	57	276	471
32/ 31	.0	.2	.1	.1	.2													40	40	165	552
30/ 29	.0	.0	.1	.1	.1													19	19	121	408
28/ 27				.0														3	3	53	392
26/ 25																				28	357
24/ 23																				29	331
22/ 21																				3	309
20/ 19																					299
18/ 17																					343
16/ 15																					245

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 68-70,73-79 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					149
12/ 11																					126
10/ 9																					145
8/ 7																					93
6/ 5																					83
4/ 3																					33
2/ 1																					29
0/ -1																					9
-2/ -3																					4
-4/ -5																					1
TOTAL	.5	8.8	10.0	10.7	10.6	10.2	9.1	8.6	7.7	6.5	5.6	3.9	3.2	2.4	1.5	.7	.1	6758	6759	6758	6758

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	17507269	305235	45.2	23.466	6758							
Dry Bulb	20342738	364370	53.9	10.177	6759		6.2	86.7	24.6	1.2		672
Wet Bulb	12532200	288006	42.6	6.182	6758		41.7					672
Dew Point	6647588	198472	29.4	11.008	6758	1.4	388.6					672

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 /624-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73													.3					3	3		
72/ 71														.1	.1			2	2		
70/ 69											.1	.1		.2				4	4		
68/ 67						.1		.1	.1		.1		.1					5	5		
66/ 65						.1	.2		.2	.2	.4	.2	.1					14	14		
64/ 63				.1	.1	.4	.1	.1		.1	1.1	.9						27	27		
62/ 61							.1	.2	.1	.4	.2	.1						11	11		
60/ 59		.1	.5	.2	.1	1.2	.8	.1	.5	.8	.5	.2						47	47		
58/ 57			.1	.8	.4	.8	.5	.6	1.2	1.0	.4							54	54	3	1
56/ 55		.2	.6	1.0	1.0	.9	1.3	.6	1.5	1.0	.1							76	76	9	
54/ 53		.1	.4	1.0	1.8	2.0	1.1	1.5	1.7	.4								94	94	11	6
52/ 51			.9	1.1	1.9	1.2	1.4	1.8	1.4	.2								92	92	23	4
50/ 49		1.2	1.3	1.2	1.5	1.0	1.5	1.9	.5									94	94	35	9
48/ 47		1.7	1.4	2.0	1.2	.2	1.0	.9	.1									79	79	71	16
46/ 45		1.2	1.4	1.8	.9	1.8	1.6	.3										84	84	81	40
44/ 43		2.4	1.2	.9	1.0	.9	.4	.4										66	66	118	40
42/ 41	.1	2.6	2.3	.6	.9	.6	1.0	.2										77	77	136	37
40/ 39	.2	2.3	.2	1.1	.3	1.5	.3											55	55	124	69
38/ 37		1.3	.2	1.1	.6													30	30	123	68
36/ 35	.1	.6	.6	.1														14	14	81	94
34/ 33		.1	.1															2	2	48	61
32/ 31																				47	46
30/ 29																				18	27
28/ 27																				2	34
26/ 25																					44
24/ 23																					61
22/ 21																					50
20/ 19																					32
18/ 17																					43
16/ 15																					56
14/ 13																					44
12/ 11																					22
10/ 9																					10
8/ 7																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 — 632-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					6
4/ 3																					4
2/ 1																					1
TOTAL	.4	13.8	11.3	12.9	11.7	12.7	11.3	8.9	7.4	4.1	3.0	1.5	.5	.3	.1			930		930	930
																	930		930		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2956472	47652	51.2	23.541	930							
Dry Bulb	2360134	46344	49.8	7.388	930			1.4	.3			93
Wet Bulb	1589901	38101	41.0	5.582	930		6.7					93
Dew Point	930742	27588	29.7	10.997	930		48.5					93

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

U.S. GOVERNMENT PRINTING OFFICE: 1978 / 760-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
68/ 67											.2		.1						3	3		
66/ 65											.1	.3							4	4		
64/ 63					.4	.1	.1	.2		.3	.2	.1	.2						16	16		
62/ 61				.1	.3	.3	.1		.1	.3	.3	.2							17	17		
60/ 59				.1	.3			.3	.2	.5	.2								16	16		
58/ 57			.3	.2	.5	1.1	.3	.6	.5	1.2									45	45		
56/ 55		.4	.6	.2	.6	.3	1.0	.6	1.7	.3									55	55	11	
54/ 53		.1	.9	.3	1.7	.9	.3	1.1	1.1	.3									62	62	7	2
52/ 51		.4	.9	1.6	1.5	1.8	.9	.8	1.0	.4									86	86	25	6
50/ 49		.1	1.3	1.5	1.8	1.6	1.1	2.6	.6										99	99	15	14
48/ 47		1.9	1.3	1.7	1.5	.9	2.2	1.1	.4										102	102	40	18
46/ 45		1.8	1.1	1.6	1.0	.9	1.6	.2											76	76	79	20
44/ 43		1.3	2.4	1.1	1.8	1.5	.8	.1											83	83	100	37
42/ 41		3.2	2.0	.8	1.6	.9	.6	.1											86	86	110	38
40/ 39	.4	3.7	1.6	.8	1.3	1.0	.1												82	82	134	58
38/ 37	.4	1.8	.5	1.5	1.2	.6													57	57	122	74
36/ 35		.5	.3	.8	.5	.2													22	22	112	90
34/ 33	.1	.9	.4	.1															14	14	77	67
32/ 31	.1	.1	.2																4	4	54	52
30/ 29	.1																		1	1	32	46
28/ 27																					11	36
26/ 25																					1	41
24/ 23																						47
22/ 21																						50
20/ 19																						52
18/ 17																						38
16/ 15																						48
14/ 13																						43
12/ 11																						20
10/ 9																						10
8/ 7																						11
6/ 5																						7
4/ 3																						5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

PAGE 2 | 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
TOTAL	1.2	16.3	13.9	12.4	16.2	12.0	9.0	7.7	5.7	3.4	1.1	.6	.3					930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3284706	50828	54.7	23.356	930							
Dry Bulb	2130393	44021	47.3	7.089	930		.5	.3				93
Wet Bulb	1488243	36827	39.6	5.676	930		9.8					93
Dew Point	906610	27254	29.3	10.778	930		50.6					93

USAFETAC FORM 0-26-5 (OL A) 7/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
68/ 67							.1												1	1		
66/ 65						.1					.2	.1	.2						6	6		
64/ 63				.1			.1	.2		.4	.3	.3							14	14		
62/ 61				.4	.2	.1	.2	.1	.5	.3	.2	.4							24	24		
60/ 59				.5	.5	.3	.1	.4	.5	1.0	.6								38	38		
58/ 57			.3	.3		.2	.5	.5	1.0	.8	.2								36	36	2	
56/ 55		.1	.8	.5	.5	.3	1.0	1.1	1.0	.6									55	55	7	
54/ 53		.1	1.0	.6	1.4	1.5	1.2	.6	1.2	.2									73	73	12	2
52/ 51		.6	.6	.9	1.3	1.4	1.1	1.1	1.7	.4									85	85	18	10
50/ 49		.2	1.6	1.3	1.9	1.7	1.1	1.7	.5										94	94	31	7
48/ 47		.8	1.9	1.8	1.5	.6	1.8	1.0	.6										94	94	36	25
46/ 45		1.5	.8	1.5	1.1	1.0	1.0	.6											69	69	69	18
44/ 43		1.9	2.3	1.1	1.4	1.7	.1												79	79	1.7	26
42/ 41	.2	3.0	3.0	1.1	.9	1.3	.2	.1											91	91	121	44
40/ 39	.2	1.2	1.6	1.3	1.0	.6	.1												57	57	136	61
38/ 37	.6	2.0	1.3	1.5	1.1	.3													64	64	111	54
36/ 35	.1	.8	.2	.5	.5	.6													26	26	112	82
34/ 33		.8	.4	.3	.1	.1													16	16	75	69
32/ 31		.4	.2		.1														7	7	45	73
30/ 29	.1																		1	1	33	52
28/ 27																					10	36
26/ 25																					4	47
24/ 23																					1	57
22/ 21																						46
20/ 19																						43
18/ 17																						50
16/ 15																						43
14/ 13																						33
12/ 11																						15
10/ 9																						16
8/ 7																						12
6/ 5																						5
4/ 3																						4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.3	13.4	16.0	13.9	13.5	12.2	8.6	7.5	7.1	3.8	1.6	.9	.2					930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3186518	50098	53.9	22.915	930							
Dry Bulb	2165534	44342	47.7	7.433	930		.8	.1				93
Wet Bulb	1498254	36942	39.7	5.760	930		9.3					93
Dew Point	900255	27215	29.3	10.573	930		53.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAR 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	.3	.1	6	6		
78/ 77												.1	.5	.1	.4	.3		14	14		
76/ 75									.1	.1	.1	.1	.2	.5	.5			16	16		
74/ 73									.2	.2	.1	.4	.3	.6	.6			25	25		
72/ 71							.1	.1	.1	.2	.8	.6	.8	1.1	.5			40	40		
70/ 69							.4	.1	.1	.5	.8	1.3	1.6	.8				52	52		
68/ 67						.2		.2	.6	.5	1.2	1.3	1.3	.3				53	53		
66/ 65					.3	.1	.4	.6	.5	1.1	1.1	2.(	.3					61	61		
64/ 63						.4	.2	.9	1.1	1.4	1.6	1.1	.2					64	64		
62/ 61			.1		.6	.5	.8	1.1	1.2	1.9	1.3	.5						75	75	1	
60/ 59			.1	.1	1.2	.8	.9	1.2	1.6	1.3	1.1	.1						77	77	4	
58/ 57			.2	1.0	.6	1.2	2.0	1.4	1.2	1.0	.4							64	64	12	
56/ 55		.1	.5	.6	.9	.8	1.1	1.0	.9	1.0								63	63	13	
54/ 53			.2	.9	1.1	1.1	1.3	1.3	.6	.1								61	61	37	9
52/ 51			.6	.8	1.7	1.3	.5	.4	.4									54	54	63	7
50/ 49			.6	.5	1.0	1.2	1.0	.5	.1									46	46	98	9
48/ 47		.3	1.4	1.1	1.0	1.1	.1	.3	.1									50	50	121	24
46/ 45		.6	1.0	.6	.8	.8	.3	.2										40	40	148	31
44/ 43		.6	1.2	.4	.1	.2	.3											27	27	148	25
42/ 41		.3	.6	.1		.1												11	11	115	48
40/ 39		.1	.1	.1														3	3	80	44
38/ 37			.3															3	3	51	65
36/ 35		.1																1	1	19	72
34/ 33		.2																2	2	13	59
32/ 31																				6	58
30/ 29																					65
28/ 27																					66
26/ 25																					54
24/ 23																					59
22/ 21																					52
20/ 19																					53
18/ 17																					38
16/ 15																					41

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 7-70,73-76 YEARS — MAR MONTH

PAGE 2 — 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					24
12/ 11																					16
10/ 9																					12
8/ 7																					3
TOTAL		2.5	7.1	6.2	9.3	9.7	9.5	9.4	8.9	9.4	8.5	7.6	5.3	3.7	2.3	.6	.1	929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1724278	35336	38.0	20.241	929							
Dry Bulb	3309448	54810	59.0	9.033	929			20.7	6.2	.5		93
Wet Bulb	1910644	41866	45.1	5.078	929		.6					93
Dew Point	921407	27759	29.9	9.954	929		54.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — MAR MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																	.2	2	2		
86/ 85													.1	.1			.4	6	6		
84/ 83													.1	.1	.2	.3	1.2	15	16		
82/ 81													.1	.4	.4	.5	1.4	27	27		
80/ 79													.4	.2	.8	1.8	1.3	42	42		
78/ 77											.2	.1	.4	1.0	1.0	1.5		39	39		
76/ 75										.2	.3	.3	1.2	1.1	2.8	1.2		66	66		
74/ 73								.2	.3	.1	.2	.5	2.3	1.9	1.9			70	70		
72/ 71								.1	.4		.3	1.4	1.4	1.8	.6			58	58		
70/ 69								.3	.4	.9	.6	1.4	1.6	2.0				69	69		
68/ 67							.1	.9	1.1	.8	.5	1.2	1.5	.4				60	60		
66/ 65							.4	.6	1.0	1.4	1.4	1.8	.5					67	67		
64/ 63					.1	.2	.2	.9	1.0	.9	1.1	1.7	.2					58	58		
62/ 61				.1	.1	.9	.4	.4	1.1	1.4	.6	.3						50	50	2	
60/ 59				.4	.4	.5	.6	1.3	1.4	1.0	.5	.2						60	60	5	
58/ 57			.1	.5	.8	.5	1.0	1.6	.8	1.2	.4							64	64	12	
56/ 55		.1	.1	.4	.1	1.0	.5	1.0	.4	.5	.2							41	41	28	
54/ 53				.3	.6	.1	1.0	.3	.2	.3								27	27	60	
52/ 51			.2	.9	.5	.8	.3	.3	.4									32	32	106	4
50/ 49			.4	.8	.5	.8	.2	.3	.2									30	30	143	11
48/ 47			.4	.6	.3	.2												15	15	155	5
46/ 45		.3	.5	.2	.1													11	11	144	25
44/ 43		.5	.2	.1	.1													9	9	110	30
42/ 41		.2	.2															4	4	89	34
40/ 39		.1	.1															2	2	45	49
38/ 37		.2																2	2	18	42
36/ 35																				11	54
34/ 33																				1	55
32/ 31																					51
30/ 29																					63
28/ 27																					66
26/ 25																					64
24/ 23																					67
22/ 21																					75

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					73
18/ 17																					59
16/ 15																					49
14/ 13																					25
12/ 11																					13
10/ 9																					9
8/ 7																					6
TOTAL		1.5	2.4	4.4	3.8	5.0	4.8	8.3	8.7	8.6	6.7	9.0	9.9	9.1	7.9	5.4	4.5		929		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1065507	26561	28.6	18.162	929							
Dry Bulb	4106995	61069	65.7	9.986	929			45.7	27.0	7.4		93
Wet Bulb	2073820	43678	47.0	4.671	929							93
Dew Point	814696	26044	28.0	9.546	929		62.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70, 73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89																	.1	1	1		
88/ 87																	.2	3	3		
86/ 85														.2			1.9	20	20		
84/ 83													.1		.3	.4	1.6	23	23		
82/ 81													.2	.8	.8	.4	2.0	46	46		
80/ 79											.1	.1		1.0	1.2	2.3	1.2	54	54		
78/ 77										.4		.5	.1	1.9	1.2	2.6	.1	64	64		
76/ 75										.3		.3	.3	1.6	3.0	1.2		63	63		
74/ 73									.1	.6		1.3	1.5	.4	3.2			67	67		
72/ 71									.2	.1	.5	1.2	1.2	1.9	.9			55	55		
70/ 69								.3	1.0	.8	.8	1.9	1.1	2.0				73	73		
68/ 67							.2		1.0	1.3	1.2	.5	1.3	.6				57	57		
66/ 65							.3	.8	.4	1.1	.9	1.0	.3					44	44		
64/ 63					.2	.1	.9	.8	.4	1.4	1.1	1.3	.1					58	56		
62/ 61					.5	.5	.6	.6	1.2	1.0	.3	.4	.1					54	54		
60/ 59					.2		.6	1.8	1.9	1.0	1.1	.2						64	64	8	
58/ 57			.4		.6	.4	1.0	.3	.9	.2	.5							41	41	8	
56/ 55			.3	.4	.8	.4	.2	.5	.5	.4	.3							37	37	42	
54/ 53		.1	.1	.1	.8	.2	.4	.6	.4	.2	.2							30	30	67	
52/ 51		.1	.2	.1		.5	.3	.3										15	15	142	2
50/ 49				.5	.3	.2	.3											13	13	138	8
48/ 47		.2	.5	.3	.3	.1												14	14	163	13
46/ 45		.4	.4	.3														11	11	125	19
44/ 43		.4	.6															10	10	95	26
42/ 41	.2	.3																5	5	66	31
40/ 39		.2	.2															4	4	46	48
38/ 37		.4																4	4	21	43
36/ 35																				9	50
34/ 33																					52
32/ 31																					63
30/ 29																					60
28/ 27																					67
26/ 25																					69
24/ 23																					71

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					76
20/ 19																					60
18/ 17																					61
16/ 15																					51
14/ 13																					34
12/ 11																					11
10/ 9																					3
8/ 7																					9
4/ 3																					3
TOTAL	.2	2.3	2.9	1.8	3.8	2.6	4.9	6.1	8.1	7.8	7.4	8.6	6.3	10.5	10.4	6.9	8.1		930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1002725	25113	27.0	18.692	930							
Dry Bulb	4336350	62748	67.5	10.513	930			52.6	34.1	12.4		93
Wet Bulb	2120670	44196	47.5	4.682	930							93
Dew Point	798296	25780	27.7	9.490	930		63.8					93

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

U.S. GOVERNMENT PRINTING OFFICE: 1977 240-870/6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — MAR MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																	.0	7	7		
82/ 81														.1	.2	.1	.2	6	6		
80/ 79												.2	.1	.1	.3	1.1	.6	23	23		
78/ 77												.2	.2	.3	.6	.8		20	20		
76/ 75											.4	.2	.3	.8	1.4	.9		37	37		
74/ 73									.2		.3	.4	1.4	1.0	1.3			43	43		
72/ 71								.3	.2	.4	.5	.8	1.1	2.0	1.2			61	61		
70/ 69							.1	.1	.6	.4	1.4	1.0	1.8	1.9				69	69		
68/ 67						.1	.3	.4	.9	.8	1.5	1.0	2.9	.8				80	80		
66/ 65					.1		.4	.5	.6	1.4	1.1	2.0	1.1					68	68		
64/ 63						.5	.5	1.0	1.0	.8	.6	1.1	.5					56	56		
62/ 61				.1	.3	.8	1.5	.9	1.1	.9	.9	1.3	.2					73	73		
60/ 59				.1	1.0	1.1	.8	1.5	.9	1.1	.8	.1						67	67	2	
58/ 57				.9	.4	.8	.8	1.1	.8	1.0	.9							60	60	12	
56/ 55		.2	.1	.1	1.4	.4	1.1	.9	.6	.9	.3							56	56	19	
54/ 53		.1	.4	.4	1.1	.6	.4	1.1	1.1	.4								53	53	48	1
52/ 51		.1	.4	1.1	.5	.8	.6	.5	.4	.4								46	46	75	6
50/ 49		.2	.3	.3	.8	.1	.4	.4	.2	.1								27	27	128	6
48/ 47			.2	.5	.4	.8	.1	.2										21	21	148	26
46/ 45		1.2	.2	.5		.3												21	21	148	19
44/ 43		.8	.4	.2														13	13	120	29
42/ 41	.3	.3	.5															11	11	89	46
40/ 39		.5																5	5	73	55
38/ 37		.3																3	3	42	51
36/ 35																				16	58
34/ 33		.3																3	3	6	57
32/ 31																				3	45
30/ 29																					56
28/ 27																					51
26/ 25																					42
24/ 23																					47
22/ 21																					58
20/ 19																					63
18/ 17																					60

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					62
14/ 13																					38
12/ 11																					28
10/ 9																					8
8/ 7																					5
6/ 5																					5
4/ 3																					3
2/ 1																					2
TOTAL	.3	4.1	2.7	4.3	6.0	6.2	7.1	8.9	8.6	8.5	8.7	8.3	9.7	7.0	5.1	2.8	1.6	929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1406559	30427	32.8	21.019	929							
Dry Bulb	3702461	57965	62.4	9.612	929			34.6	13.6	2.3		93
Wet Bulb	1976516	42606	45.9	4.925	929		.3					93
Dew Point	842504	26158	28.2	10.686	929		57.6					93

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

U. S. GOVERNMENT PRINTING OFFICE: 1974 / 626-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75															.1			1	1		
74/ 73											.1		.4	.1	.1			7	7		
72/ 71										.1		.4	.2	.5				12	12		
70/ 69							.1	.1	.3	.3	.1	.4	.6	.5				24	24		
68/ 67							.2	.1	.4	.2	.1	.1	1.0	.3				23	23		
66/ 65					.1	.1	.3	.5	.2	.8	1.0	1.4	.8					48	48		
64/ 63				.3		.6	.1	.5	.6	.4	1.3	1.7						53	53		
62/ 61				.2	.2	.3	.2	.6	.9	1.5	1.1	.6	.2					56	56		
60/ 59			.1		.3	1.1	1.1	1.7	.9	1.2	1.7	.3						78	78		
58/ 57			.3	1.2	1.1	1.3	1.1	.6	1.4	1.9	.6							89	89	5	
56/ 55			.4	1.0	1.3	1.4	1.9	1.0	1.5	1.2	.1							91	91	11	
54/ 53		.4	.4	.6	.5	.3	1.1	1.1	2.2	.4	.2							68	68	20	5
52/ 51		.2	1.2	1.6	1.8	.5	.5	.8	1.1	.1								73	73	51	6
50/ 49		.5	2.0	1.9	1.9	1.0	1.1	1.6	.4	.1								99	99	55	9
48/ 47		1.0	1.4	1.1	.8	.6	.9	.8	.1									61	61	102	21
46/ 45		.8	.5	.6	.9	1.0	.5	.4	.1									45	45	119	34
44/ 43		1.7	1.2	.3	.6	.1	.4	.4										45	45	141	49
42/ 41	.1	1.1	.9	.1	.5	.3	.1											29	29	139	51
40/ 39		1.1	.2	.2	.1	.1												16	16	105	59
38/ 37		.8		.1														9	8	85	63
36/ 35			.1															1	1	54	71
34/ 33		.2	.1															3	3	24	50
32/ 31																				18	34
30/ 29																				1	47
28/ 27																					42
26/ 25																					39
24/ 23																					52
22/ 21																					42
20/ 19																					52
18/ 17																					39
16/ 15																					65
14/ 13																					40
12/ 11																					31
10/ 9																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					8
6/ 5																					4
4/ 3																					4
2/ 1																					2
TOTAL	.1	7.7	8.9	9.4	10.2	8.6	9.7	10.3	10.1	6.3	6.3	5.2	3.2	1.5	.2			930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2286070	40606	43.7	23.502	930							
Dry Bulb	2844739	50901	54.7	7.957	930			6.7	.8			93
Wet Bulb	1755248	40108	43.1	5.241	930		1.9					93
Dew Point	919099	27269	29.3	11.343	930		51.2					93

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 706-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89																	.0	1	1		
88/ 87																	.1	5	5		
86/ 85													.0	.0			.3	26	26		
84/ 83													.0	.0	.1	.1	.4	48	48		
82/ 81											.0		.0	.2	.2	.1	.6	80	80		
80/ 79											.0	.0	.1	.2	.3	.7	.4	125	125		
78/ 77										.1	.0	.1	.2	.4	.4	.0	.0	137	137		
76/ 75									.0	.1	.1	.1	.3	.5	1.0	.4		183	183		
74/ 73								.0	.1	.1	.1	.3	.8	.5	.9			215	215		
72/ 71							.0	.1	.1	.1	.2	.6	.6	.9	.4			220	228		
70/ 69							.1	.1	.3	.4	.5	.8	.8	.9				291	291		
68/ 67						.1	.1	.2	.5	.4	.6	.5	1.0	.3				282	282		
66/ 65					.1	.1	.3	.4	.4	.7	.8	1.1	.4					312	312		
64/ 63				.1	.1	.3	.3	.6	.5	.7	.9	1.0	.2					346	346		
62/ 61			.0	.1	.3	.4	.5	.5	.8	1.0	.7	.5	.1					360	360	3	
60/ 59		.0	.1	.2	.5	.6	.6	1.0	1.0	1.0	.8	.1						447	447	19	
58/ 57			.2	.6	.6	.8	.9	.9	1.0	1.0	.4							473	473	54	1
56/ 55		.1	.4	.5	.8	.7	1.0	.8	1.0	.7	.1							474	474	140	
54/ 53		.1	.4	.5	1.1	.8	.8	1.0	1.1	.3	.1							468	468	262	20
52/ 51		.2	.6	1.0	1.2	1.0	.7	.8	.8	.2								483	483	503	45
50/ 49		.3	1.0	1.0	1.2	.9	.8	1.1	.3	.0								502	502	643	73
48/ 47		.7	1.1	1.2	.9	.6	.8	.5	.2									436	436	836	148
46/ 45		1.0	.7	.9	.6	.7	.6	.2	.0									357	357	913	206
44/ 43		1.2	1.2	.5	.6	.6	.3	.1										332	332	939	262
42/ 41	.1	1.4	1.2	.3	.5	.4	.2	.1										314	314	865	329
40/ 39	.1	1.1	.5	.4	.3	.4	.1											224	224	743	443
38/ 37	.1	.9	.3	.5	.4	.1												171	171	573	460
36/ 35	.0	.3	.2	.2	.1	.1												64	64	414	571
34/ 33	.0	.3	.1	.1	.0	.0												40	40	244	470
32/ 31	.0	.1	.1		.0													11	11	173	422
30/ 29	.0																	2	2	84	418
28/ 27																				23	398
26/ 25																				5	400
24/ 23																				1	461

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					449
20/ 19																					428
18/ 17																					388
16/ 15																					415
14/ 13																					281
12/ 11																					156
10/ 9																					79
8/ 7																					59
6/ 5																					27
4/ 3																					23
2/ 1																					5
TOTAL	.4	7.7	8.1	8.2	9.3	8.6	8.1	8.4	8.1	5.9	5.4	5.2	4.4	4.0	3.2	2.0	1.8	7437	7437	7437	7437

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	16912835	306621	41.2	23.966	7437							
Dry Bulb	24956054	422200	56.8	11.525	7437		1.3	162.2	82.0	22.6		744
Wet Bulb	14413296	324324	43.6	6.022	7437		28.6					744
Dew Point	7033609	215067	28.9	10.464	7437		441.1					744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75												.1						1	1		
74/ 73												.1		.1				2	2		
72/ 71											.1		.1	.1				3	3		
70/ 69										.2	.3	.3	.4	.2				14	14		
68/ 67								.1	.2	.2	.4	1.3	.2	.1				24	24		
66/ 65							.2	.6	.6	.2	1.2	.7	.1					32	32		
64/ 63						.3	.3	.6	.6	1.0	1.9	1.2	.4					57	57		
62/ 61				.2	.1	.1	.1	.7	1.4	2.3	2.1	.4						68	68		
60/ 59				.3	.6	.2	.1	1.9	3.4	2.0	1.7	.2						94	94		
58/ 57		.1	.6	.4	.3	.8	1.1	3.0	2.3	2.6	1.6							115	115		
56/ 55			.1	.2	.6	.6	2.4	2.4	2.1	2.2	.6							101	101	6	
54/ 53		.2	.3		.3	1.0	2.8	2.6	2.1	1.2								95	95	19	1
52/ 51			.2		.7	1.2	1.0	2.1	1.1	.6								62	62	27	10
50/ 49		.2	.2	.2	1.1	1.0	1.2	1.9	1.0									62	62	28	4
48/ 47		.6	.9	1.0	.9	1.3	1.2	1.0										62	62	53	6
46/ 45		.8	1.0	.6	1.1	.4	.6	.4										44	44	113	17
44/ 43		.4	.1	.1	.4	.7	.7											22	22	158	8
42/ 41		.4	.1	.6	.6	.1	.2											18	18	156	26
40/ 39	.1	.6	.7	.4	.1													17	17	115	23
38/ 37				.3	.1													4	4	112	28
36/ 35			.3															3	3	63	41
34/ 33																				37	35
32/ 31																				11	52
30/ 29																				2	75
28/ 27																					79
26/ 25																					80
24/ 23																					61
22/ 21																					73
20/ 19																					71
18/ 17																					49
16/ 15																					42
14/ 13																					32
12/ 11																					35
10/ 9																					37

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					7
6/ 5																					6
4/ 3																					1
-2/ -3																					1
TOTAL	.1	3.3	4.6	4.4	6.9	7.8	12.0	17.2	14.9	12.6	9.9	4.4	1.3	.6				900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1434053	31969	35.5	18.221	900							
Dry Bulb	2787169	49679	55.2	7.071	900			4.4	.3			90
Wet Bulb	1603245	37741	41.9	4.787	900		1.3					90
Dew Point	676219	23069	25.6	9.718	900	.1	70.1					90

USAFETAC FORM NO. 0 26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPEPATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75														.1				1	1		
74/ 73													.1					1	1		
72/ 71													.1					1	1		
70/ 69									.3									3	3		
68/ 67										.3		.2	.2					7	7		
66/ 65									.2		.6	.2	.1					10	10		
64/ 63						.1	.4	.3	.2	.4	.6	.3						22	22		
62/ 61				.6		.1	.4	.7	.6	1.6	.7							41	41		
60/ 59						.1		1.1	2.0	1.0	.3	.1						42	42		
58/ 57			.3	.3	.2	.4	.7	3.2	2.6	1.0	.3							82	82		
56/ 55		.2	.2	.2	1.0	.3	1.3	2.8	2.7	1.8	.1							96	96	6	
54/ 53		.2	.2	.3	.3	1.7	2.1	1.9	2.0	2.0	.1							98	98	9	2
52/ 51		.2	.2	.2	.7	3.2	3.3	2.0	2.0	.4								111	111	17	6
50/ 49		.1	.2	.4	1.2	2.4	2.1	2.0	1.1									87	87	23	7
48/ 47		.8	.6	1.2	1.9	2.2	2.3	1.1	.3									94	94	30	7
46/ 45		.3		1.1	2.1	1.4	1.2	.6										61	61	63	8
44/ 43		.4	1.1	.4	.8	1.5	1.6											53	53	118	12
42/ 41		1.2	.4	.3	.9	.8	.3											36	36	161	19
40/ 39		.6	.4	.7	.4	.6	.3											27	27	144	23
38/ 37		.3	.6	.6		.2												15	15	125	29
36/ 35		.3	.1	.4	.1													9	9	95	47
34/ 33		.1	.2															3	3	64	37
32/ 31																				28	51
30/ 29																				15	61
28/ 27																				2	86
26/ 25																					104
24/ 23																					59
22/ 21																					68
20/ 19																					67
18/ 17																					32
16/ 15																					56
14/ 13																					28
12/ 11																					34
10/ 9																					34

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					7
6/ 5																					5
4/ 3																					1
TOTAL		4.9	4.7	6.9	9.7	15.2	16.2	15.7	14.0	6.6	2.7	.9	.6	.1					900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1745335	36053	40.1	16.301	900							
Dry Bulb	2430934	46372	51.5	6.806	900			1.3	.2			90
Wet Bulb	1479703	36221	40.2	4.943	900		4.5					90
Dew Point	674217	23139	25.7	9.393	900		70.3					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75												.1						1	1		
74/ 73												.2			.1			3	3		
72/ 71									.1	.2				.2				5	5		
70/ 69									.2	.2	.1	1.0	.2	.1				17	17		
68/ 67									.3	.1	.8	.7	.3					20	20		
66/ 65							.1	.2	.3	1.0	1.5	.9	.3					42	42		
64/ 63						.2	.1	.6	1.8	2.2	1.2	.7	.3					64	64		
62/ 61				.1	.2	.2	.6	.2	1.4	2.0	1.0	.4						56	56		
60/ 59			.2	.3		.2	.4	1.7	1.9	1.4	.8	.2						65	65		
58/ 57			.1	.2	.2	.8	.9	2.4	1.8	1.6	.7							78	78		
56/ 55		.1	.3	.4	.8	.3	2.0	3.2	1.6	1.7	.2							96	96	5	
54/ 53		.1	.1	.6	.7	1.7	2.1	2.4	1.6	.4								87	87	18	1
52/ 51		.1	.1	.2	.8	2.0	1.7	1.1	.8	.3								64	64	19	4
50/ 49			.4	.9	.7	2.0	2.6	1.6	1.2									84	84	41	6
48/ 47		.3	.3	1.3	1.0	1.6	1.6	.3										58	58	69	7
46/ 45		.3	.3	1.0	1.3	1.4	.8	.4										51	51	106	8
44/ 43		.1	1.0	.4	1.1	.8	1.0											40	40	139	14
42/ 41		.4	.6	.8	.6	.2	.1											24	24	133	22
40/ 39		.7	.2	.1	.4	.3	.1											17	17	137	19
38/ 37		.7	.4	.7		.3												19	19	92	39
36/ 35		.1	.4	.1	.1													7	7	80	50
34/ 33			.2															2	2	30	56
32/ 31																				23	60
30/ 29																				6	81
28/ 27																				2	86
26/ 25																					87
24/ 23																					70
22/ 21																					67
20/ 19																					59
18/ 17																					38
16/ 15																					41
14/ 13																					27
12/ 11																					27
10/ 9																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					5
6/ 5																					2
4/ 3																					1
TOTAL		3.0	4.9	7.2	7.9	12.1	14.0	14.2	13.0	11.2	6.6	4.2	1.2	.3	.1			900		900	900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1588588	34228	38.0	17.863	900							
Dry Bulb	2698684	48766	54.2	7.915	900			4.6	.4			90
Wet Bulb	1590467	37561	41.7	5.045	900		3.1					90
Dew Point	709854	23968	26.6	8.922	900		67.4					90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 / 726-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
86/ 85																.1	.1	2	2		
84/ 83																.2	.7	8	8		
82/ 81														.1	.4	.4	.6	14	14		
80/ 79												.1	.2	.3	1.0	1.2	.6	31	31		
78/ 77											.1	.6	.3	.9	1.2	1.8		44	44		
76/ 75											.3	.3	1.7	3.2	2.0	.7		74	74		
74/ 73										.4	.7	.9	2.2	2.3	2.2			79	79		
72/ 71									.3	.3	.8	2.2	3.0	2.4	.8			89	89		
70/ 69								.3	.1	.9	2.4	2.4	1.9	1.3				85	85		
68/ 67							.3	.6	.3	1.2	2.8	2.0	1.9	.3				85	85		
66/ 65						.3	.2	.6	1.1	1.9	1.6	1.7	.7					72	72		
64/ 63				.1		.4	.2	.7	1.6	1.8	1.6	.7						63	63		
62/ 61					.2	.1	.1	.6	1.8	1.0	1.2	.2						47	47		
60/ 59					.2		1.0	1.4	1.8	.7	.7							52	52		
58/ 57						.1	.9	1.0	1.0	1.0	.2							38	38	7	
56/ 55			.1	.1	.6	.6	.8	.7	1.0	.3								37	37	31	1
54/ 53			.1	.1	.4	.3	.7	.6	.4	.1								25	25	42	
52/ 51				.6	.7	.6	.1	.3	.1	.1								22	22	96	
50/ 49		.1	.1	.4	.4	.3	.1											14	14	175	4
48/ 47				.2	.4	.2												8	8	189	4
46/ 45					.2	.1												3	3	141	11
44/ 43			.2	.2	.1													5	5	104	19
42/ 41				.1	.1													2	2	60	19
40/ 39																				34	14
38/ 37			.1															1	1	16	39
36/ 35																				3	50
34/ 33																				2	56
32/ 31																					74
30/ 29																					90
28/ 27																					108
26/ 25																					86
24/ 23																					57
22/ 21																					79
20/ 19																					65

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 720-011/2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					46
16/ 15																					44
14/ 13																					24
12/ 11																					6
10/ 9																					1
6/ 5																					3
TOTAL		.1	.7	1.9	3.4	3.1	4.4	6.7	9.6	9.8	12.3	11.1	11.9	11.0	7.7	4.4	1.9	900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	723127	22581	25.1	13.197	900							
Dry Bulb	4094829	60235	66.9	8.400	900			51.1	25.2	3.8		90
Wet Bulb	2021559	42495	47.2	4.097	900							90
Dew Point	726434	24566	27.3	7.885	900		62.3					90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 726-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.2	2	2		
90/ 89																	.8	7	7		
88/ 87																.1	1.9	18	18		
86/ 85												.1				.4	4.1	42	42		
84/ 83														.1	.4	.6	6.8	71	71		
82/ 81													.1	.8	1.1	2.9	4.1	81	81		
80/ 79											.1	.3	.3	.6	2.6	4.6	2.7	100	100		
78/ 77											.1	.4	.3	1.9	2.3	3.3		76	76		
76/ 75											.2	.3	1.4	3.1	3.9	.9		89	89		
74/ 73									.1		.7	.4	2.2	1.6	1.9			62	62		
72/ 71								.1	.6	.6	.9	1.7	1.6	2.9	.2			76	76		
70/ 69							.1	.2	.2	.3	1.1	1.4	1.0	.9				48	48		
68/ 67							.1		.1	.8	1.6	1.6	.9					45	45		
66/ 65									.6	.4	1.2	1.3	.2					34	34	1	
64/ 63						.1	.2	.1	.7	.9	.6	.6	.3					31	31		
62/ 61							.2	.6	.3	.4	1.0	.4						27	27		
60/ 59						.2	.6	.6	.7	.9	.6	.3						34	34	1	
58/ 57				.1	.1	.4	.6	.2	.2	.7								21	21	17	
56/ 55					.1	.2	.6	.3	.3									14	14	39	
54/ 53				.2	.1	.2	.6	.2										12	12	96	1
52/ 51					.1	.1												2	2	194	
50/ 49					.1	.2	.1											4	4	209	2
48/ 47																				137	3
46/ 45				.1	.1													2	2	99	6
44/ 43					.1													1	1	46	10
42/ 41																				37	17
40/ 39			.1															1	1	20	8
38/ 37																				3	25
36/ 35																				1	41
34/ 33																					40
32/ 31																					53
30/ 29																					86
28/ 27																					97
26/ 25																					114

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 746-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					100
22/ 21																					104
20/ 19																					82
18/ 17																					62
16/ 15																					33
14/ 13																					5
12/ 11																					4
10/ 9																					6
8/ 7																					1
TOTAL			.1	.4	.8	1.6	3.0	2.3	3.8	5.0	8.0	9.0	8.4	11.8	12.4	12.8	20.6	900	900	900	900

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	398492	16734	18.6	9.857	900							
Dry Bulb	4970386	66414	73.8	6.791	900			71.7	54.8	27.6		90
Wet Bulb	2185586	44214	49.1	3.875	900							90
Dew Point	656714	23494	26.1	6.949	900		74.7					90

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

USAFETAC/DS-13/0026-78

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95																	.1	1	1		
92/ 91																	.7	6	6		
90/ 89																	1.1	10	10		
88/ 87																	4.6	41	41		
86/ 85															.2	.3	7.6	73	73		
84/ 83														.2	.3	1.3	8.6	94	94		
82/ 81													.7	.1	.9	4.0	5.7	102	102		
80/ 79												.2	.1	.2	1.6	5.8	1.6	85	85		
78/ 77										.1	.2	.1	.1	2.1	3.6	3.4		87	87		
76/ 75											.1	.2	1.3	2.6	2.7	.8		69	69		
74/ 73									.1	.2	.7	.4	.7	1.4	2.4			54	54		
72/ 71								.3	.1	.1	.4	1.2	1.1	1.2	1.0			50	50		
70/ 69									.3	.1	1.1	2.0	1.4	1.2				56	56		
68/ 67							.1		.1	.7	.8	1.4	.6	.1				34	34		
66/ 65						.2	.1		.2	.1	.6	1.1	.4					25	25		
64/ 63							.2	.1		.4	.3	.3	.2					15	15		
62/ 61							.2	.4	.6	.6	1.0	.7						31	31		
60/ 59						.3	.3	.4	.3	.2	.6	.1						21	21	3	
58/ 57						.4	.1	.4	.3	.1								13	13	22	
56/ 55					.3	.3	.1	.3	.7									16	16	30	
54/ 53					.2			.1										3	3	144	
52/ 51				.4														4	4	205	1
50/ 49				.1	.2	.2												5	5	215	2
48/ 47																				111	4
46/ 45		.2																2	2	82	1
44/ 43				.2														2	2	39	12
42/ 41																				36	13
40/ 39				.1														1	1	10	14
38/ 37																				2	22
36/ 35																				1	23
34/ 33																					21
32/ 31																					56
30/ 29																					93
28/ 27																					112

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					121
24/ 23																					128
22/ 21																					115
20/ 19																					68
18/ 17																					50
16/ 15																					26
14/ 13																					9
12/ 11																					3
10/ 9																					6
TOTAL		.2		.9	.8	1.6	1.2	2.2	2.8	2.7	5.8	7.9	6.7	9.2	12.7	15.7	29.8	900	900	900	900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	362978	15592	17.3	10.163	900							
Dry Bulb	5240738	68200	75.8	8.992	900			76.2	62.2	37.7	.1	90
Wet Bulb	2232066	44692	49.7	3.768	900							90
Dew Point	642536	23318	25.9	6.535	900		78.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR 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
90/ 89																	.2	2	2		
88/ 87																	.4	4	4		
86/ 85																.1	1.3	13	13		
84/ 83															.2	.2	3.1	32	32		
82/ 81													.1	.1	.6	2.3	2.4	50	50		
80/ 79												.2	.1	.2	1.3	5.1	1.9	80	80		
78/ 77													.2	.9	2.7	3.9		69	69		
76/ 75											.2	.3	1.2	2.7	4.0	1.8		92	92		
74/ 73										.6	.3	.6	3.2	1.8	2.4			80	80		
72/ 71								.1	.2	.3	.3	1.2	2.7	3.4	1.0			84	84		
70/ 69								.2	.3	.6	.3	2.4	2.2	1.8				71	71		
68/ 67							.1	.3	.2	.9	2.2	1.3	1.8	.7				68	68		
66/ 65							.1	.3	.2	1.0	1.4	1.1	.9					46	46		
64/ 63					.1	.1	.1	.2	.7	.7	1.4	1.3						42	42		
62/ 61				.2	.3	.1	.1	.4	.9	.6	1.3	.6						41	41		
60/ 59			.1	.1			.6	.3	.3	.7	1.7	.1						35	35		
58/ 57				.1		.3	.3		.2	.8	.3							19	19	8	
56/ 55					.4	.2	.6	.2	.7	.8								26	26	27	
54/ 53					.1	.6		.2	.3	.1								12	12	57	2
52/ 51				.1	.3	.1	.2	.2										9	9	117	1
50/ 49		.1	.3	.2	.2		.2											10	10	208	5
48/ 47			.2	.1		.1												4	4	174	3
46/ 45		.3	.1															4	4	127	5
44/ 43																				84	16
42/ 41																				49	12
40/ 39		.3		.1														4	4	29	19
38/ 37																				16	17
36/ 35			.1															1	1	1	29
34/ 33			.1															1	1		32
32/ 31																				2	46
30/ 29																					70
28/ 27																					80
26/ 25																					91
24/ 23																					93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION DAVIS-MONTHAN AFB AZ STATION NAME 67-70,73-78 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					92
20/ 19																					91
18/ 17																					95
16/ 15																					48
14/ 13																					33
12/ 11																					14
10/ 9																					4
8/ 7																					1
TOTAL		.6	1.0	1.0	1.6	1.6	2.3	2.7	4.1	6.9	9.7	9.2	12.5	11.6	12.2	13.5	9.5	899	899	899	899

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	535717	18391	20,5	13,327	899							
Dry Bulb	4556607	63497	70,6	8,940	899			64.6	42.2	14.3		90
Wet Bulb	2060072	42882	47,7	4,034	899		,2					90
Dew Point	617325	22483	25,0	7,830	899		75,9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR 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
80/ 79														.4				4	4		
78/ 77													.2	.1	.1	.2		6	6		
76/ 75												.3	.1	.4	.8			15	15		
74/ 73											.2	.3	1.0	1.2	1.3			37	37		
72/ 71									.1	.2	.4	.9	2.3	2.0	.6			59	59		
70/ 69								.1	.2	.3	.6	2.4	1.8	1.3				61	61		
68/ 67							.2	.6	.7	.7	2.1	2.4	2.7	.6				89	89		
66/ 65							.4	.4	.3	1.4	2.7	4.0	1.6					98	98		
64/ 63						.3	.6	.2	1.0	2.3	2.8	1.6	.6					84	84		
62/ 61				.3	.2	.2		.7	1.6	1.7	1.8	1.7						73	73		
60/ 59			.1	.1	.1	.3	.7	1.7	1.9	2.2	1.6	.2						80	80		
58/ 57		.2	.2	.1	.1	.4	1.3	1.7	1.6	1.6	1.0							74	74		
56/ 55		.3	.4		.4	.6	1.2	1.6	1.7	1.8	.3							75	75	14	
54/ 53					.3	.6	.4	.8	.7	.9								33	33	37	6
52/ 51				.6	.2	.2	.8	1.0	1.1	.2								37	37	34	3
50/ 49			.4	.6	.3	.7	.8	.4	.1									30	30	57	7
48/ 47		.4	.6	.2	.3	.4	.4											22	22	144	4
46/ 45		.1	.2	.1	.2													6	6	186	10
44/ 43		.2		.1														3	3	159	11
42/ 41		.2	.2	.1	.1													6	6	111	23
40/ 39		.3	.2															5	5	80	22
38/ 37			.3															3	3	55	23
36/ 35																				19	39
34/ 33																				4	46
32/ 31																					50
30/ 29																					67
28/ 27																					66
26/ 25																					59
24/ 23																					81
22/ 21																					70
20/ 19																					87
18/ 17																					73
16/ 15																					50
14/ 13																					39

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					35
10/ 9																					23
8/ 7																					6
TOTAL		1.9	2.8	2.2	2.4	3.8	6.9	9.1	10.9	13.3	13.4	13.9	10.2	6.1	2.8	.2		900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	960997	25307	28.1	16.656	900							
Dry Bulb	3498910	55688	61.9	7.691	900			27.1	6.2	.2		90
Wet Bulb	1810805	40179	44.6	4.359	900							90
Dew Point	654064	22776	25.3	9.296	900		70.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95																	.0	1	1		
92/ 91																	.1	8	8		
90/ 89																	.3	19	19		
88/ 87																.0	.9	63	63		
86/ 85												.0			.0	.1	1.6	130	130		
84/ 83														.0	.1	.3	2.4	205	205		
82/ 81													.1	.1	.4	1.2	1.6	247	247		
80/ 79											.0	.1	.1	.2	.8	2.1	.8	300	300		
78/ 77										.0	.1	.1	.2	.7	1.2	1.6		282	282		
76/ 75											.1	.2	.7	1.5	1.7	.5		342	342		
74/ 73									.0	.2	.3	.4	1.2	1.1	1.3			318	318		
72/ 71								.1	.2	.2	.4	.9	1.4	1.5	.4			367	367		
70/ 69							.0	.1	.2	.3	.6	1.5	1.1	.9				355	355		
68/ 67							.1	.2	.3	.6	1.3	1.4	1.1	.2				372	372		
66/ 65						.1	.2	.3	.4	.8	1.4	1.4	.5					359	359	1	
64/ 63				.0	.0	.2	.3	.3	.8	1.2	1.3	.8	.2					378	378		
62/ 61				.2	.1	.1	.2	.5	1.1	1.3	1.3	.6						384	384		
60/ 59			.1	.1	.1	.2	.5	1.1	1.5	1.1	1.0	.2						423	423	4	
58/ 57		.0	.2	.2	.1	.5	.7	1.5	1.3	1.2	.5							440	440	54	
56/ 55		.1	.2	.1	.5	.4	1.1	1.4	1.3	1.1	.2							461	461	158	1
54/ 53		.1	.1	.2	.3	.8	1.1	1.1	.9	.6	.0							365	365	422	13
52/ 51		.0	.1	.3	.4	.9	.9	.8	.6	.2								311	311	709	25
50/ 49		.1	.2	.4	.5	.9	.9	.7	.4									296	296	956	37
48/ 47		.3	.2	.5	.6	.7	.7	.3	.0									248	248	907	38
46/ 45		.3	.2	.4	.6	.4	.3	.2										173	173	917	66
44/ 43		.2	.3	.2	.3	.4	.4											126	126	847	102
42/ 41		.3	.2	.2	.3	.1	.1											86	86	743	151
40/ 39	.0	.3	.2	.2	.1	.1	.1											72	72	569	142
38/ 37		.1	.2	.2	.0	.1												42	42	421	222
36/ 35		.1	.1	.1	.0													20	20	263	320
34/ 33		.0	.1															6	6	137	323
32/ 31																				64	452
30/ 29																				23	623
28/ 27																				4	714

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — APR MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					742
24/ 23																					649
22/ 21																					668
20/ 19																					590
18/ 17																					445
16/ 15																					340
14/ 13																					197
12/ 11																					158
10/ 9																					134
8/ 7																					27
6/ 5																					16
4/ 3																					3
-2/ -3																					1
TOTAL	.0	1.8	2.3	3.1	4.2	5.8	7.5	8.8	9.1	8.8	8.5	7.6	6.6	6.3	6.0	5.8	7.7	7199	7199	7199	7199

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	7749297	200855	27.9	17.264	7199							
Dry Bulb	30278257	458851	63.7	11.974	7199			300.9	191.5	83.6	.1	720
Wet Bulb	14983503	325985	45.3	5.557	7199		9.1					720
Dew Point	5357363	186813	25.9	8.414	7199	.1	576.0					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83																.1		1	1		
82/ 81															.1		.2	3	3		
80/ 79													.1	.3	.3	.1		8	8		
78/ 77								.1	.2				.2	.5	.4	.2		16	16		
76/ 75											.2	.4	1.0	1.0	.3			27	27		
74/ 73										.5	.2	.9	.9	.9	.3			34	34		
72/ 71									.6	.9	1.6	2.5	2.4	.8	.3			84	84		
70/ 69					.1			.6	.6	1.6	1.9	2.2	2.7	1.0				100	100		
68/ 67				.1	.1		.8	1.4	1.2	1.8	1.9	3.2	1.8	.0				121	121		
66/ 65				.2		.6	.9	1.2	1.8	2.3	4.0	2.8	.8					135	135		
64/ 63					.1	.4	.9	1.3	1.6	3.1	2.3	1.4	.2					105	105	2	
62/ 61		.1			.1	.2	1.0	.5	1.0	2.3	1.9	.3						69	69	3	
60/ 59						.6	.6	.9	1.9	2.0	1.3	.1						70	70	4	
58/ 57					.4	.3	.9	1.1	1.5	.9	.6							53	53	2	3
56/ 55				.1	.3	.2	.3	.4	.4	1.0								26	26	46	3
54/ 53			.1	.1	.6	.3	.2	.3	.4	1.0								29	29	55	3
52/ 51			.4	.5	.1	.2	.1	.1	.4	.3								21	21	101	2
50/ 49		.2	.3		.4			.1	.3	.2								15	15	131	6
48/ 47		.1		.2	.1		.1	.1	.1									7	7	141	4
46/ 45	.2							.1	.1									4	4	177	29
44/ 43								.2										2	2	123	32
42/ 41																				72	40
40/ 39																				34	33
38/ 37																				16	36
36/ 35																				11	61
34/ 33																				8	64
32/ 31																				2	53
30/ 29																				2	71
28/ 27																					67
26/ 25																					65
24/ 23																					86
22/ 21																					75
20/ 19																					47
18/ 17																					48

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					30
14/ 13																					27
12/ 11																					13
10/ 9																					13
8/ 7																					9
6/ 5																					4
4/ 3																					3
2/ 1																					3
TOTAL	.2	.4	.9	1.3	2.5	3.0	5.7	8.5	12.4	17.8	16.0	13.8	10.0	5.1	1.8	.4	.2	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	883361	25639	27.6	13.785	930							
Dry Bulb	3947083	60269	64.8	6.670	930			39.4	8.9	.8		93
Wet Bulb	2071291	43657	46.9	4.855	930		.4					93
Dew Point	833191	26271	28.2	9.901	930		61.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY 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
78/ 77										.1			.1	.1	.2			5	5		
76/ 75												.1	.5		.1	.1		8	8		
74/ 73									.3	.1	.2	.5	.3	.5				19	19		
72/ 71									.3	.2	.8	.6	.6		.1			25	25		
70/ 69					.2			.2	.3	.8	.4	1.0	1.1	.3				40	40		
68/ 67					.1		.1	.3	1.3	1.4	2.2	.6	1.7	.1				73	73		
66/ 65					.2	.2	1.2	.3	1.9	2.2	1.8	2.6	.4					101	101		
64/ 63			.1		.2	.9	1.3	1.3	2.6	3.7	3.1	1.3	.4					138	138		
62/ 61			.1	.2	.3	.3	1.3	1.6	1.9	3.3	1.5	.6						105	105	3	
60/ 59					.3	.6	.8	1.3	3.1	2.4	1.5							93	93	4	
58/ 57					.8	1.1	1.7	1.9	1.7	1.4	.4							84	84	4	2
56/ 55				.2	.4	.3	2.3	2.5	2.7	.5	.2							85	85	17	2
54/ 53			.2	.2	.5	.3	1.5	.9	1.4	.1								48	48	37	3
52/ 51		.1		.4	.2	.4	.4	.8	1.1	.2								34	34	66	
50/ 49		.1	.3	.1	.2	.1	.4	.6	.8									25	25	107	5
48/ 47		.1	.5	.2	.5	.1	.2	.2	.3									21	21	130	13
46/ 45		.1	.2	.3	.1		.3	.3										13	13	131	20
44/ 43	.3						.1	.5										9	9	182	29
42/ 41							.2											2	2	120	37
40/ 39							.1	.1										2	2	54	32
38/ 37																				31	42
36/ 35																				18	59
34/ 33																				12	58
32/ 31																				7	73
30/ 29																				5	57
28/ 27																				2	73
26/ 25																					76
24/ 23																					76
22/ 21																					70
20/ 19																					52
18/ 17																					41
16/ 15																					36
14/ 13																					28
12/ 11																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					15
8/ 7																					7
6/ 5																					10
4/ 3																					2
2/ 1																					2
0/ -1																					1
TOTAL	.3	.4	1.5	1.7	4.2	4.4	11.9	12.9	19.8	16.3	12.2	7.4	5.3	1.1	.4	.1		930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1096779	29049	31.3	4.279	930							
Dry Bulb	3474876	56508	60.8	6.674	930			17.0	3.2			93
Wet Bulb	1925914	42058	45.2	5.072	930		1.4					93
Dew Point	820242	26058	28.0	9.849	930	.1	62.8					93

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 726-760/4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85																.1	.2	3	3		
84/ 83															.2	.1	.2	5	5		
82/ 81														.4	.2	.6	.1	13	13		
80/ 79									.1			.1	.3	.8	.3	.4	.2	21	21		
78/ 77										.1	.1	.2	.3	1.2	.8	.3		28	28		
76/ 75									.2	.1	.9	.5	1.6	1.4	.6	.4		54	54		
74/ 73									.4	.3	.9	1.8	1.7	1.3	.4			64	64		
72/ 71						.1	.1	.1	.5	.6	.9	1.7	1.6	.5	.2			60	60		
70/ 69						.2		.2	.9	1.4	1.7	2.0	1.9	.6				84	84		
68/ 67							.5	.8	1.1	2.2	3.0	2.0	.5	.2				96	96		
66/ 65					.2	.2	.8	.5	1.4	1.1	1.8	1.9	.2					76	76	1	
64/ 63						.6	.8	1.1	1.9	2.4	2.2	.8	.1					91	91		
62/ 61					.4	.6	.9	1.4	2.5	1.7	1.3	.5						87	87	1	
60/ 59				.1	.1	.4	.1	1.3	1.7	1.3	.5	.1						53	53	8	
58/ 57				.3	.2	.6	.6	1.7	1.0	1.0	.2							53	53	15	
56/ 55				.1	.4	.4	1.6	1.5	1.0	.9	.1							56	56	44	2
54/ 53					.4	.3	.2	1.1	.4	.2								25	25	78	5
52/ 51		.1	.3	.1	.2	.3	.3	.1	.2	.2								18	18	105	
50/ 49		.4	.1	.1	.2	.1		.2	.5									16	16	150	7
48/ 47		.3	.3	.1	.1	.2	.1	.1	.3									15	15	152	20
46/ 45			.1	.1		.1	.2	.2										7	7	132	21
44/ 43	.1																	1	1	112	34
42/ 41			.1				.1											2	2	56	36
40/ 39								.1										1	1	38	34
38/ 37						.1												1	1	12	43
36/ 35																				12	60
34/ 33																				7	70
32/ 31																				4	97
30/ 29																				1	65
28/ 27																				2	79
26/ 25																					95
24/ 23																					69
22/ 21																					49
20/ 19																					42

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAY MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
18/ 17																						28
16/ 15																						26
14/ 13																						17
12/ 11																						10
10/ 9																						9
8/ 7																						6
6/ 5																						4
2/ 1																						1
0/ -1																						1
TOTAL	.1	.9	1.0	1.0	2.4	4.5	6.3	10.4	14.2	13.4	13.5	11.8	8.4	6.5	2.8	2.0	.8		930		930	930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	942968	26626	28.6	13.945	930							
Dry Bulb	4022084	60686	65.3	8.176	930			42.8	18.8	3.4		93
Wet Bulb	2120234	44152	47.5	5.094	930		.7					93
Dew Point	890344	27472	29.5	9.211	930	.1	59.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																	.2	2	2		
96/ 95																	.5	5	5		
94/ 93																	.8	7	7		
92/ 91																	1.8	17	17		
90/ 89														.1		.3	3.8	39	39		
88/ 87														.1		.5	4.4	47	47		
86/ 85												.1	.2	.1	1.2	1.2	5.1	73	73		
84/ 83											.1	.1		.6	1.1	3.1	3.2	77	77		
82/ 81									.1	.2		.3	1.1	.8	2.0	4.5	1.9	102	102		
80/ 79											.3	.5	1.0	2.5	3.0	2.2	.9	96	96		
78/ 77									.2		.6	.9	1.8	2.4	2.8	.9		89	89		
76/ 75										.8	.8	1.1	1.8	2.9	1.1			78	78		
74/ 73									.3	.9	.9	1.9	2.3	1.7	1.1			84	84		
72/ 71								.2	1.0	.3	.5	1.4	1.9	1.0	.2			61	61		
70/ 69								.5	.5	.4	1.3	.6	.9	.4				44	44		
68/ 67							.4	.2	.3	.2	.4	.2	.5	.2				24	24		
66/ 65						.2	.1	.2	.1	.6	.2	.3	.5					22	22	2	
64/ 63							.2	.5	.1	.4	.3	.1	.2					18	18	5	
62/ 61							.4	.5	.3	.1	.1	.4						18	18	7	
60/ 59						.3	.1	.4			.2	.2						12	12	16	
58/ 57						.1	.1											2	2	83	
56/ 55				.1	.1						.1							3	3	147	1
54/ 53			.1	.1														2	2	195	2
52/ 51		.3	.1															4	4	175	4
50/ 49																				155	5
48/ 47		.1																1	1	72	11
46/ 45																				34	21
44/ 43		.1																1	1	16	30
42/ 41	.1																	1	1	8	39
40/ 39																				8	50
38/ 37																				2	41
36/ 35																					79
34/ 33																					64
32/ 31																					103

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 2 — 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					129
28/ 27																					89
26/ 25																					87
24/ 23																					55
22/ 21																					47
20/ 19																					29
18/ 17																					13
16/ 15																					7
14/ 13																					6
12/ 11																					7
10/ 9																					5
8/ 7																					4
6/ 5																					1
TOTAL	.1	.5	.2	.2	.1	.6	4	2.7	3.0	4.0	5.9	8.3	12.3	12.8	12.5	12.7	22.6	929	929	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	467706	18282	19.7	10.784	929							
Dry Bulb	5674657	72217	77.7	8.093	929			84.6	71.7	42.7	1.4	93
Wet Bulb	2545012	48484	52.2	3.974	929							93
Dew Point	939526	28630	30.8	7.851	929		58.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101																	.6	6	6		
100/ 99																	1.5	14	14		
98/ 97																	2.0	19	19		
96/ 95																	4.3	40	40		
94/ 93																	6.9	64	64		
92/ 91															.1		8.0	75	75		
90/ 89														.3	.1	.3	9.8	98	98		
88/ 87													.2	.3	.3	1.4	7.7	93	93		
86/ 85														.3	1.1	1.7	6.9	93	93		
84/ 83													.2	.8	1.4	1.9	4.6	85	85		
82/ 81												.1	1.0	1.0	1.0	3.4	2.0	79	79		
80/ 79											.3	.4	.6	1.1	1.7	3.1	.4	72	72		
78/ 77											.5	.6	.8	1.3	1.7	1.2		57	57		
76/ 75										.4	.3	.5	.2	1.0	1.6	.3		41	41		
74/ 73									.1		.2	.1	.3	.3	.8			17	17		
72/ 71									.2	.1	.1	.3	.2	.4	.5			18	18		
70/ 69								.1		.2	.3	.6	.1	.2				15	15		
68/ 67								.1	.3	.4	.4		.2	.1				15	15		
66/ 65							.1		.2	.2	.1		.4					10	10	1	
64/ 63						.1	.2	.2	.1				.1					7	7	6	
62/ 61												.1						1	1	9	
60/ 59						.2	.2											4	4	49	
58/ 57					.1													1	1	165	
56/ 55																				221	
54/ 53																				177	
52/ 51		.1																1	1	141	1
50/ 49		.4																4	4	102	5
48/ 47																				32	7
46/ 45		.1																1	1	15	15
44/ 43																				6	14
42/ 41																				4	29
40/ 39																				2	37
38/ 37																					55
36/ 35																					77

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33																					6
32/ 31																					128
30/ 29																					121
28/ 27																					113
26/ 25																					76
24/ 23																					63
22/ 21																					43
20/ 19																					21
18/ 17																					9
16/ 15																					6
14/ 13																					4
12/ 11																					4
10/ 9																					2
8/ 7																					2
TOTAL		.6			.1	.3	.5	.4	1.0	1.4	2.4	2.9	4.4	7.1	10.3	13.4	55.1	930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	291084	14304	15.4	8.747	930							
Dry Bulb	6693783	78519	84.4	8.332	930			90.1	85.3	70.9	14.3	93
Wet Bulb	2716635	50151	53.9	3.624	930							93
Dew Point	913576	28478	30.6	6.687	930		60.4					93

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

U.S. GOVERNMENT PRINTING OFFICE 1971 746-010/1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.1	1	1		
104/103																	.5	5	5		
102/101																	1.4	13	13		
100/ 99																	2.5	23	23		
98/ 97																	4.3	40	40		
96/ 95																	6.1	57	57		
94/ 93																	8.3	77	77		
92/ 91															.1	.2	9.2	89	89		
90/ 89																.2	9.9	94	94		
88/ 87														.2	.5	.4	8.2	87	87		
86/ 85												.1	.1	.2	.3	1.9	7.2	96	96		
84/ 83														1.2	1.0	1.0	5.1	76	76		
82/ 81													.4	.9	1.7	2.3	3.3	80	80		
80/ 79									.1		.1	.5	1.2	1.3	1.1	2.5	.3	66	66		
78/ 77											.1	.4	.3	.4	.2	1.0		23	23		
76/ 75								.1	.1	.4		.1	.1	.4	.3	.3		18	18		
74/ 73							.1			.3	.2	.3	.1	.9	1.0			27	27		
72/ 71						.1	.1				.2	.9	.1	.1				14	14		
70/ 69									.1	.5	.3	.1		.3				13	13		
68/ 67									.1	.1		.1	.3	.2				8	8		
66/ 65								.2	.1				.2					5	5		
64/ 63								.3										3	3	6	
62/ 61							.1											1	1	30	
60/ 59						.2	.2											4	4	54	
58/ 57							.1											1	1	171	
56/ 55			.2															2	2	229	2
54/ 53			.1	.1														2	2	210	3
52/ 51			.1	.1														2	2	126	1
50/ 49		.3																3	3	55	3
48/ 47																				30	8
46/ 45																				10	10
44/ 43																				6	14
42/ 41																				3	16
40/ 39																					42

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																					56
36/ 35																					84
34/ 33																					108
32/ 31																					141
30/ 29																					127
28/ 27																					120
26/ 25																					90
24/ 23																					46
22/ 21																					23
20/ 19																					15
18/ 17																					6
16/ 15																					8
14/ 13																					4
10/ 9																					3
TOTAL	.3	.4	.2		.3	.6	.6	.5	1.4	1.0	2.6	2.9	6.1	6.7	9.8	66.5		930			930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	278767	13799	14.8	8.926	930							
Dry Bulb	6983100	80196	86.2	8.531	930			90.7	87.2	77.4	21.6	93
Wet Bulb	2775430	50704	54.5	3.445	930							93
Dew Point	934743	28891	31.1	6.330	930		58.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101																	.1	1	1		
100/ 99																	.8	7	7		
98/ 97																	1.6	15	15		
96/ 95																	2.5	23	23		
94/ 93																	4.0	37	37		
92/ 91																	5.1	47	47		
90/ 89														.1			7.1	67	67		
88/ 87															.1		8.6	81	81		
86/ 85													.1	.2	.4	1.3	7.3	87	87		
84/ 83												.1	.3	.3	1.4	2.0	5.7	92	92		
82/ 81											.1	.1	.2	.5	1.5	3.3	2.9	81	81		
80/ 79											.1	.4	1.2	2.4	1.7	3.2	1.1	94	94		
78/ 77											.4	.5	1.3	1.8	2.2	1.9		76	76		
76/ 75							.1		.2	.3	.4	.5	1.0	1.1	1.7	.3		53	53		
74/ 73							.1		.3	.2	.6	.9	.8	1.2	1.1			48	48		
72/ 71						.2			.8	.1	.8	.6	.3	.9	.3			37	37		
70/ 69				.1		.1		.1	.5	.4	.5	.2	.2	.2				23	23		
68/ 67									.3	.4	.3	.1	.1	.4				16	16		
66/ 65								.1	.1	.2		.2	.5					11	11	1	
64/ 63							.2	.1	.3		.1	.1	.2					10	10	3	
62/ 61							.1					.1						2	2	12	
60/ 59						.4	.2				.1	.1						8	8	26	1
58/ 57						.1												1	1	92	2
56/ 55				.1	.4													5	5	181	2
54/ 53			.2															2	2	224	1
52/ 51			.1															1	1	183	2
50/ 49		.2	.1															3	3	109	1
48/ 47		.2																2	2	60	10
46/ 45																				17	15
44/ 43																				12	19
42/ 41																				6	22
40/ 39																				3	24
38/ 37																				1	52
36/ 35																					64

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL D-y Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33																					81
32/ 31																					127
30/ 29																					104
28/ 27																					119
26/ 25																					104
24/ 23																					64
22/ 21																					41
20/ 19																					39
18/ 17																					9
16/ 15																					12
14/ 13																					5
12/ 11																					4
10/ 9																					4
8/ 7																					1
6/ 5																					1
TOTAL	.4	.4	.2	.4	.9	.8	.3	2.6	1.7	3.5	4.1	6.2	9.1	10.4	12.2	46.7		930		930	
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	367320	15674	16.9	10.537	930							
Dry Bulb	6272662	75958	81.7	8.604	930			88.5	80.9	59.0	8.3	93
Wet Bulb	2618374	49230	52.9	3.648	930							93
Dew Point	886401	27911	30.0	7.243	930		63.4					93

USAFETAC FORM 3-7 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — MAY MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.3	3	3		
90/ 89																	.8	7	7		
88/ 87																	1.1	10	10		
86/ 85												.1			.1	.6	1.7	24	24		
84/ 83										.1				.1	.4	.9	1.9	32	32		
82/ 81										.1				.2	.6	2.6	1.4	46	46		
80/ 79										.1		.2	.9	1.4	2.4	2.2	.4	70	70		
78/ 77										.1	.2	.8	1.0	3.1	3.6	1.9		99	99		
76/ 75									.1	.8	1.1	1.6	2.4	3.3	2.9	.1		114	114		
74/ 73									.2	.4	.9	1.7	2.9	2.0	1.5			90	90		
72/ 71							.2	.2	1.0	.8	1.6	1.6	2.3	2.8	.3			100	100		
70/ 69						.1		1.2	1.0	1.6	1.6	1.8	1.8	.6				91	91		
68/ 67				.1			.5	.6	.5	1.4	1.1	1.2	1.5	.3				68	68		
66/ 65				.1	.1	.3	.1	.6	.8	1.1	1.3	1.5	.5					60	60	2	
64/ 63							.1	.5	.5	.9	.4	.4	.2					29	29	1	
62/ 61							.2	.3	.2	.2	1.0	.6						24	24	4	
60/ 59				.1	.1	.1	.4	.3	.1	.4	.4	.4						23	23	4	
58/ 57					.3	.2	.1		.1	.1	.4	.1						13	13	37	2
56/ 55				.1	.4	.2	.1			.3								11	11	83	2
54/ 53				.2	.1					.2								5	5	127	3
52/ 51		.2	.3															5	5	184	3
50/ 49		.1	.2															3	3	181	5
48/ 47																				136	8
46/ 45		.1							.1									2	2	86	27
44/ 43																				41	32
42/ 41																				20	32
40/ 39																				14	34
38/ 37																				7	41
36/ 35																				1	60
34/ 33																					69
32/ 31																					
30/ 29																				1	
28/ 27																					72
26/ 25																					67

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																						75
22/ 21																						68
20/ 19																						59
18/ 17																						43
16/ 15																						17
14/ 13																						18
12/ 11																						10
10/ 9																						4
8/ 7																						5
6/ 5																						1
4/ 3																						1
2/ 1																						1
TOTAL	.4	.5	.6	1.1	1.0	1.8	3.9	4.6	.6	10.0	12.2	13.5	14.0	11.8	8.3	7.6			929		929	929
																			929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	589266	20466	22.0	12.212	929							
Dry Bulb	4957157	67507	72.7	7.462	929			75.5	49.6	16.0		93
Wet Bulb	2343380	46490	50.0	4.265	929		.1					93
Dew Point	864275	27075	29.1	9.002	929		61.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.0	1	1		
104/103																	.1	5	5		
102/101																	.3	20	20		
100/ 99																	.6	44	44		
98/ 97																	1.0	76	76		
96/ 95																	1.7	125	125		
94/ 93																	2.5	185	185		
92/ 91															.0	.0	3.1	231	231		
90/ 89														.1	.0	.1	3.9	305	305		
88/ 87													.0	.1	.1	.3	3.8	318	318		
86/ 85												.0	.1	.1	.4	.9	3.5	376	376		
84/ 83										.0	.0	.0	.1	.4	.7	1.1	2.6	368	368		
82/ 81									.0	.0	.0	.1	.3	.5	.9	2.1	1.5	404	404		
80/ 79									.0	.0	.1	.3	.7	1.2	1.3	1.7	.4	427	427		
78/ 77								.0	.1	.0	.3	.4	.7	1.4	1.5	.9		393	393		
76/ 75							.0	.0	.1	.3	.5	.6	1.1	1.4	1.1	.2		393	393		
74/ 73							.0		.2	.3	.5	1.0	1.2	1.1	.8			383	383		
72/ 71						.1	.1	.1	.6	.4	.8	1.2	1.2	.8	.3			399	399		
70/ 69				.0	.0	.1		.4	.5	.9	1.0	1.1	1.1	.5				410	410		
68/ 67				.0	.0		.3	.4	.6	1.0	1.2	.9	.8	.3				421	421		
66/ 65				.0	.1	.2	.4	.4	.8	1.0	1.2	1.2	.5					420	420	7	
64/ 63			.0		.0	.3	.5	.7	.9	1.3	1.0	.5	.2					401	401	23	
62/ 61		.0	.0	.0	.1	.1	.5	.6	.7	1.0	.7	.3						307	307	69	
60/ 59				.0	.1	.1	.3	.5	.9	.8	.5	.1						267	267	165	1
58/ 57				.0	.2	.3	.4	.6	.5	.4	.2	.0						208	208	569	9
56/ 55			.0	.1	.3	.1	.5	.6	.5	.3	.1							188	188	968	14
54/ 53			.1	.1	.2	.1	.2	.3	.3	.2								113	113	1107	20
52/ 51		.1	.2	.1	.1	.1	.1	.1	.2	.1								86	86	1081	13
50/ 49		.2	.1	.0	.1	.0	.1	.1	.2	.0								69	69	990	37
48/ 47		.1	.1	.1	.1	.0	.1	.1	.1									46	46	753	81
46/ 45	.0	.0	.0	.1	.0	.0	.1	.1	.0									27	27	602	158
44/ 43	.1	.0					.0	.1										13	13	498	204
42/ 41	.0		.0				.0											5	5	289	251
40/ 39							.0	.0										3	3	153	286

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | MAY MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37						.0												1	1	69	366
36/ 35																				42	544
34/ 33																				27	600
32/ 31																				13	604
30/ 29																				9	752
28/ 27																				4	752
26/ 25																					660
24/ 23																					534
22/ 21																					416
20/ 19																					304
18/ 17																					197
16/ 15																					144
14/ 13																					109
12/ 11																					57
10/ 9																					55
8/ 7																					34
6/ 5																					21
4/ 3																					6
2/ 1																					7
0/ -1																					2
TOTAL	.1	.5	.6	.7	1.3	1.9	3.6	5.0	7.3	9.1	8.1	7.9	7.9	7.7	7.1	7.4	24.9	7438	7438	7438	7438

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	4917251	163839	22.0	13.264	7438							
Dry Bulb	42025402	551860	74.2	12.053	7438			526.5	405.5	270.3	45.6	744
Wet Bulb	19116270	374926	50.4	5.407	7438		2.6					744
Dew Point	7082298	220786	29.7	8.431	7438	.2	485.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93															.1		.2	3	3		
92/ 91												.1			.2		.6	8	8		
90/ 89													.1	.2	.6	.3	1.0	20	20		
88/ 87										.1		.1	.4	.2	.7	.2	1.3	28	28		
86/ 85											.1	.3	.8	.1	.8	.7	.7	31	31		
84/ 83										.1	.4	.2	.7	.6	1.3	.8	.6	42	42		
82/ 81							.1	.4	.2	.3	.3	.4	.8	1.0	.0	.4	.1	43	43		
80/ 79							.2		.4	.4	.8	2.1	.9	1.9	2.3	.9		90	90		
78/ 77						.1	.2		.1	1.1	.6	.8	1.4	2.2	1.3	.2		73	73		
76/ 75						.6	.2	.4	.7	1.4	1.3	2.0	3.3	2.3	1.3	.1		128	128		
74/ 73					.2			.3	.4	1.3	.9	1.8	2.2	2.9	1.0			100	100		
72/ 71		.1	.2		.3		.3	.9	.8	.7	1.3	1.9	1.9	2.6	.4			103	103		
70/ 69				.1	.1		.3	1.0	1.1	.9	1.2	2.4	1.8	1.9				98	98	6	
68/ 67							.3	.3	.4	.9	1.1	.9	1.8					52	52	9	3
66/ 65				.3		.3	.2	.4	.4	.6	.9	1.0	.6					43	43	19	
64/ 63			.1	.2			.2	.2	.6	.6	.4	.2						23	23	31	3
62/ 61					.1			.3	.1	.6	.1							11	11	29	15
60/ 59							.1	.1	.2									4	4	66	6
58/ 57																				88	6
56/ 55																				94	6
54/ 53																				117	16
52/ 51																				117	16
50/ 49																				112	35
48/ 47																				93	37
46/ 45																				77	32
44/ 43																				36	50
42/ 41																				6	46
40/ 39																					34
38/ 37																					40
36/ 35																					58
34/ 33																					74
32/ 31																					87
30/ 29																					50
28/ 27																					57

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					42
24/ 23																					33
22/ 21																					48
20/ 19																					44
18/ 17																					26
16/ 15																					21
14/ 13																					11
12/ 11																					1
10/ 9																					1
TOTAL		.1	.3	.7	.8	1.0	2.3	4.6	5.6	9.0	9.6	14.3	16.7	15.9	11.1	3.7	4.4	900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	679182	22182	24.6	12.139	900							
Dry Bulb	5124494	67650	75.2	6.626	900			81.9	56.6	22.7	.3	90
Wet Bulb	2569189	47807	53.1	5.751	900			1.5				90
Dew Point	1180979	30989	34.4	11.259	900		42.1	.3				90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87												.1	.2	.2	.1		.1	7	7		
86/ 85										.1	.1	.2	.2	.1		.1	.4	12	12		
84/ 83									.2	.1	.3	.2		.2	.2	.3	.2	17	17		
82/ 81								.1	.6	.1	.6	.3	.7	.6	.6	.4		35	35		
80/ 79							.1	.4	.2	.6	.4	.4	.7	.4	.8			37	37		
78/ 77						.2	.1	.3	.2	.9	.4	.3	.9	1.4	.1			45	45		
76/ 75					.2	.3	.4	.7	.9	1.0	.9	1.2	1.7	.3	.3			72	72		
74/ 73					.8			.7	.1	2.0	.9	2.1	2.9	1.0	.1			95	95		
72/ 71			.2	.6	.1		.2	.4	.9	1.0	1.9	3.4	2.1	1.0	.2			109	109		
70/ 69				.2	.2	.1	.9	.7	1.3	1.7	4.0	2.0	1.4	.7				119	119	3	
68/ 67				.1	.3	.1	.7	.7	.8	1.7	1.7	3.6	2.1	.1				106	106	15	2
66/ 65				.1		.6	.8	.7	1.1	1.9	1.9	1.9	.9					88	88	26	1
64/ 63				.1		.1	.6	.8	.9	1.0	1.8	2.3	.1					69	69	21	6
62/ 61				.1	.2	.3	.7	.8	.1	1.3	1.3	.1						45	45	26	20
60/ 59				.1	.1	.3	.1	.9	.4	.4	.1	.2						25	25	41	6
58/ 57				.1	.1	.3	.2	.3	.4	.1								15	15	38	5
56/ 55						.3												3	3	84	20
54/ 53							.1											1	1	87	11
52/ 51																				116	15
50/ 49																				142	37
48/ 47																				99	32
46/ 45																				89	24
44/ 43																				72	40
42/ 41																				39	49
40/ 39																				2	27
38/ 37																					45
36/ 35																					54
34/ 33																					59
32/ 31																					100
30/ 29																					59
28/ 27																					53
26/ 25																					51
24/ 23																					37
22/ 21																					37

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					30
18/ 17																					35
16/ 15																					25
14/ 13																					12
12/ 11																					5
10/ 9																					3
TOTAL		.2	1.4	2.1	2.8	4.9	7.4	8.2	13.9	16.3	18.6	13.9	6.1	2.4	.9	.8		900		900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	898918	25788	28.7	13.341	900							
Dry Bulb	4511308	63462	70.5	6.362	900			65.4	32.0	8.7		90
Wet Bulb	2426714	46394	51.5	6.253	900			1.6				90
Dew Point	1187075	30913	34.3	11.805	900		44.7	.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUN MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95																	.2	2	2		
94/ 93															.1		.1	2	2		
92/ 91														.1			.6	6	6		
90/ 89												.1	.2	.1	.2	.6	1.0	20	20		
88/ 87												.3	.2	.7	.7	.6	1.8	38	38		
86/ 85									.1	.3	.6	.2	.2	.3	.7	.9	.9	38	38		
84/ 83								.1	.1	.6	.2	.1	.7	.7	1.3	1.2	.6	50	50		
82/ 81								.6	.4	.7	.4	.4	1.0	.4	1.1	1.1	.6	61	61		
80/ 79								.7	.7	.6	.6	1.0	2.0	2.3	1.6	.8	.3	94	94		
78/ 77						.2	.7	.1	.4	1.1	.9	.8	1.8	2.0	1.3	.6		89	89		
76/ 75						.1	.4	.1	.6	.7	1.2	1.1	2.2	1.4	1.2			82	82		
74/ 73					.4	.3	.3	.2	1.1	1.3	2.1	2.2	1.6	1.0	.7			102	102		
72/ 71			.1	.1	.2	.1	.4	.7	.6	1.1	1.3	1.8	2.6	.8				88	88		
70/ 69			.1		.2	.1	.6	.7	1.1	1.0	1.3	1.2	1.1	.4				71	71	5	
68/ 67				.1		.1	.4	.6	.4	.7	1.0	.9	.8	.1				46	46	20	
66/ 65						.3	.6	.6	.6	1.0	.9	.4						39	39	36	3
64/ 63						.1	.3	.2	.6	.8	1.2	.3						32	32	30	5
62/ 61					.2	.3	.3		.4	.4	.4	.2						22	22	40	9
60/ 59					.2	.1	.2	.3	.2	.4		.1						15	15	54	18
58/ 57						.1												1	1	84	16
56/ 55						.1		.1										2	2	126	24
54/ 53																				123	16
52/ 51																				120	15
50/ 49																				108	35
48/ 47																				68	33
46/ 45																				47	34
44/ 43																				23	45
42/ 41																				10	49
40/ 39																				1	57
38/ 37																					48
36/ 35																					75
34/ 33																					73
32/ 31																					76
30/ 29																					55

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	TOTAL B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																				35
26/ 25																				52
24/ 23																				32
22/ 21																				31
20/ 19																				29
18/ 17																				17
16/ 15																				12
14/ 13																				4
12/ 11																				2
TOTAL	.2	.2	1.3	2.1	4.3	4.9	7.3	1..7	12.2	11.3	14.3	10.4	8.9	5.7	6.0	900	900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	777400	23944	26.6	12.496	900							
Dry Bulb	5166535	67867	75.4	7.370	900			78.9	58.4	28.5	.4	90
Wet Bulb	2656118	48600	54.0	5.940	900			2.5				90
Dew Point	1311760	32866	36.5	11.133	900		34.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																		.3	3	3		
102/101																		.6	5	5		
100/ 99																		2.6	25	25		
98/ 97																		3.9	35	35		
96/ 95															.2		.2	6.0	58	58		
94/ 93														.1	.3	.6	.3	8.4	88	88		
92/ 91													.1	.3	.4	.3	1.1	6.9	83	83		
90/ 89												.4	.3	.8	.4	1.2	1.0	8.0	110	110		
88/ 87											.1	.6	.6	.2	.9	1.1	1.8	6.6	106	106		
86/ 85											.4	.4	.7	.8	1.2	1.1	2.4	4.3	103	103		
84/ 83										.3	.3	.3	.3	.8	1.7	2.1	1.4	2.0	84	84		
82/ 81									.1		.3	.3	1.3	1.0	1.2	1.4	1.3	1.0	73	73		
80/ 79								.2		.1	.1	.7	1.2	.3	1.2	.6	.8	.1	50	50		
78/ 77									.1	.1	.6	.4	.8	.4	.4	.2	.4		32	32		
76/ 75									.2	.1	.4	.3	.3	.1	.7	.2			22	22		
74/ 73					.1			.1	.1	.1	.4	.1	.1	.2	.1				13	13		
72/ 71										.1			.3						4	4	1	
70/ 69									.1		.1		.1						3	3	16	
68/ 67								.1			.2								3	3	27	
66/ 65																					36	1
64/ 63																					56	
62/ 61																					84	9
60/ 59																					135	13
58/ 57																					133	13
56/ 55																					162	14
54/ 53																					109	22
52/ 51																					61	17
50/ 49																					26	27
48/ 47																					4	44
46/ 45																						45
44/ 43																						44
42/ 41																						68
40/ 39																						60
38/ 37																						77

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					98
34/ 33																					91
32/ 31																					77
30/ 29																					47
28/ 27																					57
26/ 25																					39
24/ 23																					26
22/ 21																					7
20/ 19																					4
TOTAL		.1			.4	.7	.9	3.1	3.7	6.2	5.1	6.9	9.1	10.9	50.9			900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	277823	16785	18.7	8.489	900							
Dry Bulb	6922994	78722	87.5	6.439	900			90.0	89.0	79.9	21.4	90
Wet Bulb	3029130	52062	57.8	4.414	900			4.4				90
Dew Point	1368122	34150	37.9	8.969	900		25.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

PAGE 1 — 1200-1400 HOURS (L S T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/109																	.2	2	2		
108/107																	1.3	12	12		
106/105																	3.3	30	30		
104/103																	6.4	58	58		
102/101																	7.2	65	65		
100/ 99															.1	.1	9.8	90	90		
98/ 97																.4	9.1	86	86		
96/ 95														.2	.3	.4	10.0	99	99		
94/ 93													.2	.6	1.0	.4	10.1	111	111		
92/ 91												.4		.6	.5	.3	9.2	100	100		
90/ 89												.2		.4	.5	1.0	8.0	92	92		
88/ 87											.2	.2	.2	.3	.7	1.0	3.1	52	52		
86/ 85										.1			.2	1.3	.8	1.0	1.8	47	47		
84/ 83										.1		.1		.4	.2	.3	.2	13	13		
82/ 81											.2	.3	.3	.2	.2	.2	.2	16	16		
80/ 79											.2		.1		.2	.3		8	8		
78/ 77												.2	.2	.1	.2			7	7		
76/ 75								.1		.1		.1		.2				5	5		
74/ 73						.1	.2											3	3		
72/ 71																				2	
70/ 69							.2											2	2	12	
68/ 67						.1												1	1	32	
66/ 65																				31	
64/ 63				.1														1	1	74	
62/ 61																				136	2
60/ 59																				172	4
58/ 57																				185	12
56/ 55																				132	10
54/ 53																				53	22
52/ 51																				16	11
50/ 49																				5	25
48/ 47																					23
46/ 45																					38
44/ 43																					40

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					88
40/ 39																					98
38/ 37																					116
36/ 35																					111
34/ 33																					103
32/ 31																					81
30/ 29																					53
28/ 27																					36
26/ 25																					19
24/ 23																					7
22/ 21																					1
TOTAL				.1		.2	.4	.1		.3	.7	1.7	1.3	4.4	4.9	5.7	80.1		900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	234653	13281	14.8	6.559	900							
Dry Bulb	8034488	84822	94.2	6.695	900			89.9	89.6	88.0	55.3	90
Wet Bulb	3180365	53395	59.3	3.738	900			4.6				90
Dew Point	1347610	34212	38.0	7.238	900		19.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
112/111																	.1	1	1		
110/109																	.8	7	7		
108/107																	3.7	33	33		
106/105																	7.0	63	63		
104/103																	8.4	76	76		
102/101																	10.7	96	96		
100/ 99																.2	9.4	87	87		
98/ 97																.2	9.6	88	88		
96/ 95															.3	.6	11.3	110	110		
94/ 93													.2	.3		.3	11.3	110	110		
92/ 91												.1	.1	.3	.1	.8	6.3	70	70		
90/ 89												.1	.3		.3	1.0	3.9	51	51		
88/ 87												.4		.4	.7	.8	1.6	35	35		
86/ 85										.1			.8	.3	.6	.4	1.1	30	30		
84/ 83									.2	.1		.2	.2		.1	.4	.2	14	14		
82/ 81												.3	.3		.1		.2	9	9		
80/ 79							.1	.1						.1	.1	.1		5	5		
78/ 77									.2				.1		.2			5	5		
76/ 75					.1	.1			.1									3	3		
74/ 73				.1		.1		.2	.1									5	5		
72/ 71						.1												1	1		
70/ 69					.1													1	1	9	
68/ 67																				26	
66/ 65																				40	1
64/ 63																				101	2
62/ 61																				232	2
60/ 59																				170	2
58/ 57																				182	11
56/ 55																				105	13
54/ 53																				24	11
52/ 51																				11	10
50/ 49																					16
48/ 47																					23
46/ 45																					36

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23108 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																					41
42/ 41																					106
40/ 39																					132
38/ 37																					141
36/ 35																					96
34/ 33																					104
32/ 31																					81
30/ 29																					38
28/ 27																					21
26/ 25																					11
24/ 23																					2
TOTAL				.1	.2	.3	.1	.3	.7	.2		1.2	2.1	1.6	2.6	4.9	35.7	900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	222681	12677	14.1	7.005	900							
Dry Bulb	8397994	86720	96.4	6.838	900			90.0	89.8	88.3	67.1	90
Wet Bulb	3240446	53920	59.9	3.342	900			3.5				90
Dew Point	1366489	34569	38.4	6.561	900		15.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
108/107																	.4	4	4		
106/105																	1.2	11	11		
104/103																	3.0	27	27		
102/101																	6.9	62	62		
100/ 99																	8.0	72	72		
98/ 97																	9.5	85	85		
96/ 95															.1	.7	8.8	80	86		
94/ 93															.3	.3	11.3	102	108		
92/ 91													.2	.3	.4	.4	9.3	97	97		
90/ 89											.1	.1	.4	.1	1.0	1.1	7.7	95	95		
88/ 87											.1		.2	.2	1.0	1.1	5.7	75	75		
86/ 85										.2	.1		.6	.9	.6	1.1	2.7	55	55		
84/ 83								.1		.2	.3	.1	.6	1.0	.7	.4	1.0	40	40		
82/ 81							.2			.1		.3	.3	.7	.2	1.0	.2	28	28		
80/ 79						.1		.1			.3	.3	.3	.2	.1	.3		17	17		
78/ 77						.1				.1	.3		.1	.1	.4			11	11		
76/ 75					.2	.2			.1	.1	.1		.1	.1				9	9		
74/ 73				.4	.1		.1	.1			.1		.1	.1				10	10		
72/ 71				.2		.1												3	3		
70/ 69						.1												1	1	6	
68/ 67																				20	
66/ 65				.1														1	1	29	4
64/ 63			.2															2	2	54	7
62/ 61																				131	4
60/ 59																				184	7
58/ 57																				166	3
56/ 55																				174	8
54/ 53																				79	9
52/ 51																				28	16
50/ 49																				7	13
48/ 47																				1	21
46/ 45																					32
44/ 43																					44
42/ 41																					52

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
40/ 39																						95
38/ 37																						104
36/ 35																						125
34/ 33																						101
32/ 31																						103
30/ 29																						62
28/ 27																						49
26/ 25																						28
24/ 23																						7
22/ 21																						4
20/ 19																						1
TOTAL			.2	.8	.3	.7	.3	.3	.1	.6	1.6	.9	3.0	3.3	4.9	6.6	75.8		899		899	899
																			899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	311188	14184	15.8	9.865	899							
Dry Bulb	7667853	82781	92.1	7.101	899			89.7	89.3	85.6	45.6	90
Wet Bulb	3082615	52541	58.4	3.643	899			2.6				90
Dew Point	1296655	33301	37.0	7.690	899		25.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-76 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.1	1	1		
98/ 97																	1.0	9	9		
96/ 95																	2.3	21	21		
94/ 93															.3	.6	3.6	40	40		
92/ 91														.1	.7	.3	5.3	58	58		
90/ 89													.3	.2	.8	.9	6.6	79	79		
88/ 87												.3	.2	.8	1.0	1.0	6.6	84	84		
86/ 85										.4	.3	.3	.4	.8	1.0	2.0	6.6	102	102		
84/ 83									.2	.2	.3	.2	1.4	1.2	1.4	1.8	3.4	93	93		
82/ 81								.1	.2	.1	.3	1.7	1.0	.3	2.7	2.2	2.6	101	101		
80/ 79							.2	.1		.2	1.0	.9	1.3	2.0	.9	2.9	.3	89	89		
78/ 77						.1			.2	.2	.7	1.4	.9	1.7	2.1	1.1		76	76		
76/ 75					.2	.7	.1		.1	1.1	.6	1.1	.4	1.0	.6			53	53		
74/ 73				.1	.4	.2	.1		.3	.3	1.0	.3	.7	1.0	.0			48	46		
72/ 71				.1			.1	.3	.2	.1	.3	.2	.2	.6				20	20		
70/ 69							.1		.1	.3	.3	.2	.2					12	12		
68/ 67					.1	.1	.1		.1		.1	.1						6	6	22	
66/ 65										.1	.1							2	2	29	1
64/ 63			.6															5	5	28	6
62/ 61										.1								1	1	46	6
60/ 59																				110	14
58/ 57																				138	11
56/ 55																				153	5
54/ 53																				148	11
52/ 51																				115	10
50/ 49																				75	31
48/ 47																				24	31
46/ 45																				11	41
44/ 43																				1	39
42/ 41																					51
40/ 39																					56
38/ 37																					50
36/ 35																					78
34/ 33																					76

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUN MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					91
30/ 29																					62
28/ 27																					53
26/ 25																					65
24/ 23																					57
22/ 21																					30
20/ 19																					11
18/ 17																					3
16/ 15																					6
TOTAL			.6	.2	.8	1.1	.8	.6	1.6	3.3	5.1	6.9	7.2	9.7	12.2	12.3	37.2	900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	476399	17997	20.0	11.385	900							
Dry Bulb	6259150	74818	83.1	6.624	900			89.2	25.4	63.6	7.1	90
Wet Bulb	2818501	50193	55.8	4.626	900			2.2				90
Dew Point	1223293	31985	35.5	9.814	900		38.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
112/111																	.0	1	1		
110/109																	.1	9	9		
108/107																	.7	49	49		
106/105																	1.4	104	104		
104/103																	2.3	164	164		
102/101																	3.2	228	228		
100/ 99															.0	.0	3.8	275	275		
98/ 97																.1	4.1	303	303		
96/ 95														.1	.1	.2	4.6	376	376		
94/ 93													.1	.2	.3	.3	5.6	462	462		
92/ 91												.1	.1	.2	.3	.4	4.6	422	422		
90/ 89											.1	.1	.3	.2	.6	.7	4.5	467	467		
88/ 87										.0	.1	.3	.2	.5	.7	.8	3.3	425	425		
86/ 85									.0	.2	.2	.2	.5	.6	.7	1.1	2.2	418	418		
84/ 83								.0	.1	.2	.3	.2	.5	.7	.9	.8	1.0	353	353		
82/ 81							.0	.2	.2	.2	.3	.7	.7	.6	.9	.8	.6	366	366		
80/ 79						.0	.1	.2	.2	.2	.5	.8	.7	1.0	.8	.8	.1	390	390		
78/ 77						.1	.1	.1	.2	.5	.4	.5	.7	1.0	.8	.3		338	338		
76/ 75					.1	.3	.2	.2	.3	.6	.6	.7	1.0	.6	.5	.0		374	374		
74/ 73				.1	.3	.1	.1	.2	.3	.7	.6	.8	1.0	.8	.3			376	376		
72/ 71		.0	.1	.1	.1	.0	.1	.3	.3	.4	.6	1.0	.8	.6	.1			328	328	3	
70/ 69			.0	.0	.1	.0	.3	.3	.5	.5	.9	.8	.6	.4				307	307	57	
68/ 67				.0	.1	.1	.2	.2	.2	.4	.5	.7	.6	.0				214	214	171	5
66/ 65				.1		.2	.2	.2	.3	.4	.5	.4	.2					173	173	245	11
64/ 63			.1	.1		.0	.1	.2	.3	.3	.4	.4	.0					132	132	395	29
62/ 61				.0	.1	.1	.1	.1	.1	.3	.2	.0						79	79	774	67
60/ 59				.0	.0	.1	.1	.2	.1	.1	.0	.0						44	44	932	70
58/ 57				.0	.0	.1	.0	.0	.1	.0								16	16	1084	77
56/ 55						.1		.0										5	5	1030	100
54/ 53							.0											1	1	740	120
52/ 51																				584	110
50/ 49																				475	219
48/ 47																				289	244
46/ 45																				224	282

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Humi.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-78 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																				137	143
42/ 41																				55	509
40/ 39																				3	559
38/ 37																					621
36/ 35																					695
34/ 33																					681
32/ 31																					696
30/ 29																					426
28/ 27																					361
26/ 25																					307
24/ 23																					201
22/ 21																					158
20/ 19																					119
18/ 17																					80
16/ 15																					64
14/ 13																					27
12/ 11																					8
10/ 9																					4
TOTAL		.0	.2	.2	.7	1.0	1.7	2.4	3.0	5.2	6.1	7.6	8.0	7.6	7.0	6.4	42.6	7199	7199	7199	7199

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3978244	146838	20.4	11.687	7199							
Dry Bulb	52084816	606842	84.3	11.372	7199			675.0	590.1	465.3	197.1	720
Wet Bulb	23003078	404912	56.2	5.635	7199			23.1				720
Dew Point	10271983	262987	36.5	9.610	7199		245.7	.5				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93																.2	.1	3	3		
92/ 91														.6	.3	.1	.2	13	13		
90/ 89											.1	.4	.3	.1		.2	.1	12	12		
88/ 87								.1	.1	.3	.5	.4	.6	.4	.1	.2		27	27		
86/ 85							.2	.1	.6	1.4	.9	1.4	.5	.6	.3	.1	.1	69	69		
84/ 83						.2	.4	.5	1.6	2.4	1.2	1.0	1.1	.5	.4		.1	68	88		
82/ 81					.2	.8	1.8	4.9	3.2	1.8	.8	.3	.8	.2	.1	.2		141	141		
80/ 79				.2	.4	2.5	4.0	2.9	1.6	.4	.6	.9			.1			129	129		
78/ 77			.1	1.4	2.3	3.7	4.1	1.6	.5	.4	.6	.5	.5			.1		148	146		
76/ 75			.8	2.8	4.8	2.4	.4	.6	.4	.5	.4	.4	.4	.1	.2			134	134		
74/ 73		.1	1.7	3.3	1.9	.5	.4			.1	.5	.2	.2					85	85	12	1
72/ 71	.1	.2	2.8	1.6	.3	.2			.1	.1	.1	.1						53	53	52	4
70/ 69	.4	.9	1.1	.1		.1			.1			.1						26	26	169	38
68/ 67		.1	.1															2	2	272	67
66/ 65																				184	127
64/ 63																				82	117
62/ 61																				41	96
60/ 59																				40	115
58/ 57																				30	78
56/ 55																				16	50
54/ 53																				14	50
52/ 51																				11	28
50/ 49																				6	22
48/ 47																				1	23
46/ 45																					22
44/ 43																					21
42/ 41																					20
40/ 39																					10
38/ 37																					11
36/ 35																					7
34/ 33																					6
32/ 31																					6
30/ 29																					4
28/ 27																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
26/ 25																						1
24/ 23																						4
20/ 19																						1
TOTAL	.5	1.3	6.6	9.5	10.0	10.3	11.4	10.9	8.6	7.5	6.9	5.8	4.5	2.6	1.6	1.2	.6		930			930
																		930		930		

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2870397	48573	52.2	18.946	930							
Dry Bulb	5825193	73467	79.0	4.815	930			93.0	24.9	42.6	.3	93
Wet Bulb	4034906	61118	65.7	4.443	930			50.5	1.2			93
Dew Point	3216069	54047	58.1	2.993	930		1.7	11.0	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 7-70,73-78 YEARS — JUL MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.1			1	1		
90/ 89													.1	.2		.1		4	4		
88/ 87													.2	.1	.1			4	4		
86/ 85										.4	.1	.6		.1				12	12		
84/ 83									1.0	.9	.9	.5		.3				33	33		
82/ 81						.1	.6	1.3	2.6	1.6	.5	.3	.5	.2	.2			75	75		
80/ 79				.1	.6	1.6	3.0	4.7	3.0	1.1	.6	.3	.1					143	143		
78/ 77			.2	.8	1.3	4.9	4.2	3.1	1.3	.9	.4	.2	.1	.2	.1			165	165		
76/ 75			1.0	2.2	5.4	4.7	2.2	2.0	.8	.5	1.0	.4	.1	.1	.2			191	191		
74/ 73			2.4	4.9	4.9	.5	1.0		.5	.3	.2	.2			.1			141	141	7	
72/ 71		.9	3.1	2.8	.9	1.1	.1	.2	.5	.5	.3	.2						99	99	34	4
70/ 69	.2	1.1	2.0	.6	.1					.4	.5		.1	.1				49	49	124	38
68/ 67		.3	.2					.2	.2	.1	.1							11	11	276	64
66/ 65								.2										2	2	215	110
64/ 63																				97	149
62/ 61																				52	110
60/ 59																				29	99
58/ 57																				23	76
56/ 55																				18	69
54/ 53																				19	49
52/ 51																				13	28
50/ 49																				10	20
48/ 47																					20
46/ 45																				3	13
44/ 43																					16
42/ 41																					14
40/ 39																					15
38/ 37																					7
36/ 35																					4
34/ 33																					3
32/ 31																					8
30/ 29																					1
28/ 27																					2
24/ 23																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/17																					2
16/15																					1
TOTAL	.2	2.3	8.9	11.4	13.3	13.0	11.1	11.8	9.9	6.8	4.7	2.9	1.3	1.4	.9	.1		930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3290348	52758	56.7	17.893	930							
Dry Bulb	5436463	71009	76.4	3.972	930			92.8	76.9	20.6		93
Wet Bulb	3961734	60552	65.1	4.548	930			44.1	.7			93
Dew Point	3248847	54365	58.5	8.732	930		1.7	10.6				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL MONTH

 0200-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1	.1		.1	.1	4	4		
90/ 89												.2	.3		.3			8	8		
88/ 87										.1	.4	1.1	.4	.2		.2		23	23		
86/ 85							.1	.1	1.0	.8	1.1	.6	.2	.3	.1	.1	.2	43	43		
84/ 83						.1		.9	1.6	2.3	1.4	.3	.4	.3	.2			70	70		
82/ 81					.2	.1	1.2	3.2	3.2	2.4	.9	1.0	.4	.1	.1			119	119		
80/ 79				.1	.4	2.2	3.8	4.0	2.2	1.1	.3		.2	.2	.2	.1		137	137		
78/ 77			.1	.8	1.8	4.8	4.0	1.8	1.0	.6	.5	.1				.1		146	146		
76/ 75			.9	3.2	5.7	4.5	1.7	.9	.2	.1	.4	.2	.2					168	168		
74/ 73		.3	1.2	4.5	3.3	.9	.8	.5		.2	.3			.1				113	113	7	
72/ 71		.5	2.0	3.0	.5	.3		.4	.1			.2		.1				68	68	38	3
70/ 69		.6	.8	.5	.2			.1		.2	.2							25	25	166	32
68/ 67		.1	.2						.1	.1								5	5	298	52
66/ 65								.1										1	1	192	127
64/ 63																				94	148
62/ 61																				52	126
60/ 59																				25	112
58/ 57																				19	79
56/ 55																				14	70
54/ 53																				12	45
52/ 51																				6	32
50/ 49																				4	14
48/ 47																				2	14
46/ 45																				1	19
44/ 43																					7
42/ 41																					10
40/ 39																					12
38/ 37																					7
36/ 35																					7
34/ 33																					2
32/ 31																					3
30/ 29																					2
28/ 27																					2
26/ 25																					1

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL MONTH

PAGE 2 | 0600-0,00 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
24/ 23																					2
20/ 19																					1
18/ 17																					1
TOTAL		1.6	5.2	12.2	12.3	12.9	11.5	12.0	9.4	7.8	5.6	3.6	2.4	1.5	1.0	.6	.3		930		930
																		930		930	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ .3 F	Total
Rel. Hum.	3060236	50920	54.8	17.118	930							
Dry Bulb	5675662	72532	78.0	4.497	930			92.9	83.1	34.9		93
Wet Bulb	4046644	61234	65.8	3.993	930			50.9	.7			93
Dew Point	3293546	54852	59.0	7.925	930		1.2	8.7				93

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

U.S. GOVERNMENT PRINTING OFFICE: 1984-421-102/10,012

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																.1	.0	7	7		
98/ 97																.4	1.1	14	14		
96/ 95												.1	.1	.4	1.2	.5	2.0	41	41		
94/ 93											.1		.8	1.4	2.2		1.4	54	54		
92/ 91										.1	.3	2.4	3.3	1.7	1.5	.9	1.3	107	107		
90/ 89							.1		.3	.4	2.2	3.4	3.1	1.2	.5	.3	.4	112	112		
88/ 87						.1		.4	1.1	3.9	4.7	2.6	1.6	.9	.3	.2	.2	149	149		
86/ 85						.3	.3	1.3	3.9	4.1	1.4	.9	.5	.3		.4	.2	127	127		
84/ 83					.1	.4	1.2	3.5	4.1	1.6	.9	.2	.2		.1			115	115		
82/ 81					.2	1.0	2.9	2.3	1.1	.2	.1							72	72		
80/ 79				.1	.6	2.7	2.0	.6	.3									60	60		
78/ 77				.3	1.0	1.3	.6	.1										31	31	3	
76/ 75			.2	.6	1.2	.2		.3										24	24	7	
74/ 73				.2	.3													5	5	23	3
72/ 71		.1	.1	.4														6	6	84	6
70/ 69			.5															5	5	261	17
68/ 67		.1																1	1	270	32
66/ 65																				118	81
64/ 63																				56	108
62/ 61																				37	127
60/ 59																				22	139
58/ 57																				17	101
56/ 55																				10	91
54/ 53																				1	59
52/ 51																				1	39
50/ 49																					23
48/ 47																					16
46/ 45																					26
44/ 43																					12
42/ 41																					7
40/ 39																					6
38/ 37																					10
36/ 35																					14
34/ 33																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1973 782-870/2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-78 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
32/ 31																						5
30/ 29																						1
28/ 27																						1
26/ 25																						1
TOTAL		.2	.9	1.7	3.4	6.0	7.2	8.6	10.8	10.3	9.7	9.6	9.7	5.9	5.6	2.9	7.3		930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1731886	37604	40.4	15.085	930							
Dry Bulb	6983814	80430	86.5	5.482	930			93.0	91.6	83.0	11.6	93
Wet Bulb	4238525	62699	67.4	3.513	930			66.8	3.3			93
Dew Point	3152904	53682	57.7	7.641	930		.8	5.8	.3			93

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.4	4	4		
104/103																	2.0	19	19		
102/101															.1		6.0	57	57		
100/ 99														.2	.4	1.1	6.4	75	75		
98/ 97														.5	2.2	3.0	5.4	103	103		
96/ 95											.1	.3	.4	2.5	4.4	2.8	2.0	117	117		
94/ 93									.2			.8	3.1	4.3	2.3	1.0	1.0	117	117		
92/ 91							.1			.4	1.3	5.3	3.1	1.9	.9	.2	.8	130	130		
90/ 89									.6	1.1	3.9	4.0	1.1	.3	.3	.2	.2	109	109		
88/ 87								.2	1.2	3.0	1.4	.9	.4	.1				67	67		
86/ 85						.2	.1	.6	2.0	1.2	.6							45	45		
84/ 83						.1	.2	1.7	1.1	.3	.1							33	33		
82/ 81						.4	.5	1.2	.2									22	22		
80/ 79					.1	.3	.5	.2										11	12	2	
78/ 77				.1	.2	.1	.2											6	6	2	
76/ 75			.1	.2	.3	.1												7	7	3	1
74/ 73			.1	.1														2	2	27	3
72/ 71			.1	.2														3	3	112	1
70/ 69			.1	.1														2	2	280	5
68/ 67																				254	22
66/ 65																				119	34
64/ 63																				47	70
62/ 61																				49	116
60/ 59																				23	118
58/ 57																				8	123
56/ 55																				3	98
54/ 53																					97
52/ 51																					53
50/ 49																					43
48/ 47																					28
46/ 45																					24
44/ 43																					28
42/ 41																					15
40/ 39																					22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE—1971 762-610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL 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
38/ 37																					11
36/ 35																					7
34/ 33																					7
32/ 31																					3
TOTAL			.4	.8	.6	1.3	1.7	4.0	5.4	6.0	7.4	11.2	8.2	9.9	10.5	8.3	24.2	929	930	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1047693	28833	31.0	12.832	929							
Dry Bulb	8020812	86186	92.7	6.022	930			93.0	92.5	90.3	49.2	93
Wet Bulb	4265915	62879	67.7	3.278	929			66.1	3.4			93
Dew Point	2930699	51725	55.7	7.395	929		.3	3.2	.4			93

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 — 702-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.8	7	7		
106/105																	2.2	20	20		
104/103																.1	5.7	54	54		
102/101															.1	.1	10.3	98	98		
100/ 99															.5	2.0	7.5	94	94		
98/ 97												.1	.3	.2	2.7	3.7	4.6	108	108		
96/ 95												.1	.4	2.7	3.4	1.3	3.0	102	102		
94/ 93											.1	.9	3.1	3.1	1.5	1.1	.4	95	95		
92/ 91										.2	1.1	3.0	3.2	1.7	.1	.1		68	68		
90/ 89										1.0	1.9	2.7	1.0	.2				63	63		
88/ 87							.1		1.1	1.2	1.5	1.3						48	46		
86/ 85						.1	.4	.3	1.3	2.2	.5	.1						46	46		
84/ 83						.2	.8	.6	1.5	.5	.1							35	35		
82/ 81					.1	.2	.9	.4	.1	.1								17	17		
80/ 79					.3	1.2	.9	.3										25	25		
78/ 77				.3	.4	.4	.1											12	12		
76/ 75			.1		.5													6	8	4	
74/ 73		.1	.2	.3	.2	.1												9	9	25	
72/ 71			.2															2	2	91	4
70/ 69	.1																	1	1	289	12
68/ 67																				229	20
66/ 65																				150	38
64/ 63																				57	51
62/ 61																				57	90
60/ 59																				14	108
58/ 57																				4	118
56/ 55																					130
54/ 53																					69
52/ 51																					60
50/ 49																					52
48/ 47																					44
46/ 45																					35
44/ 43																					14
42/ 41																					25

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
40/ 39																						46
38/ 37																						6
36/ 35																						6
34/ 33																						2
TOTAL	.1	.1	.5	.6	1.6	2.3	3.1	1.7	4.0	5.2	5.3	8.2	8.1	8.0	8.4	8.4	34.5		930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1027127	27811	29.9	14.505	930							
Dry Bulb	8238545	87277	93.8	7.183	930			93.0	82.7	89.2	57.8	93
Wet Bulb	4251974	62820	67.5	3.040	930			63.8	2.9			93
Dew Point	2866001	51161	55.0	7.448	930			3.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.2	2	2		
104/103																	1.1	10	10		
102/101																.1	3.7	35	35		
100/ 99															.2	.4	6.5	66	66		
98/ 97															.9	1.6	4.4	64	64		
96/ 95													.1	.8	2.7	2.2	3.4	65	85		
94/ 93											.1	.4	1.4	1.7	1.8	1.3	2.4	85	85		
92/ 91										.1	.2	3.2	2.7	1.3	1.2	.6	1.1	97	97		
90/ 89									.2	.1	1.5	2.6	1.9	.4	.4		.4	71	71		
88/ 87								.3	1.0	1.9	2.3	1.7	.3	.3				73	73		
86/ 85							.3	.4	1.6	2.5	1.0	.6						60	60		
84/ 83						.2	.8	2.0	1.6	1.6	.8							65	65		
82/ 81					.5	.6	1.8	3.2	.9	.5	.1							72	72		
80/ 79				.1	1.0	2.4	.9	.8	.2									49	49		
78/ 77				.8	.9	1.5	.6											35	35		
76/ 75			.1	1.2	2.3	.2												35	35		
74/ 73			.1	.6	.6													13	13	24	
72/ 71		.4	.2	.3														9	9	74	1
70/ 69		.2	.1	.1														4	4	250	25
68/ 67																				257	41
66/ 65																				129	68
64/ 63																				65	78
62/ 61																				69	99
60/ 59																				30	101
58/ 57																				9	94
56/ 55																				3	77
54/ 53																					84
52/ 51																					40
50/ 49																					41
48/ 47																					37
46/ 45																					32
44/ 43																					25
42/ 41																					30
40/ 39																					29

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL 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
38/ 37																					13
36/ 35																					9
34/ 33																					2
32/ 31																					3
30/ 29																					1
TOTAL		.6	.5	3.1	5.3	4.9	4.4	6.8	5.5	6.8	5.9	6.6	6.5	4.5	7.2	6.2	23.1		930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1552699	34041	36.6	18.169	930							
Dry Bulb	7437726	82860	89.1	7.706	930			93.0	91.7	81.5	34.7	93
Wet Bulb	4185305	62313	67.0	3.303	930			60.5	2.4			93
Dew Point	2971062	51996	55.9	8.299	930		.4	6.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — JUL MONTH

PAGE 1 — 2100-2400 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	.0	8	8		
96/ 95															.4	.2	.6	12	12		
94/ 93													.1	.0	1.0	.5	.5	27	27		
92/ 91										.2		.2	.6	1.0	.9	.6	.9	49	49		
90/ 89									.2	.1	.9	1.4	1.8	1.1	1.4	1.2	.9	83	83		
88/ 87								.1	.8	1.5	2.2	2.0	1.1	.6	1.0	.3	.5	101	101		
86/ 85								.4	1.1	3.3	2.0	1.1	.4	1.0	.9	.4	.3	102	102		
84/ 83						.6	.3	1.9	3.2	2.0	1.0	.1	.1	.5				92	92		
82/ 81					.3	.6	1.6	2.7	3.0	1.4	1.1	.2				.1		103	103		
80/ 79				.4	1.5	2.4	3.3	2.4	.0	.2		.1	.1	.1				104	104		
78/ 77				1.0	1.9	3.8	1.7	.6	.2			.2		.1				89	89		
76/ 75		.1	.3	2.5	3.4	.6	.4	.1						.1				71	71	3	
74/ 73		.5	.8	1.4	1.4	.2	.1											41	41	21	1
72/ 71	.2	1.0	2.0	.4	.1	.1												36	36	71	16
70/ 69		.3	.9	.1														12	12	207	35
68/ 67																				265	66
66/ 65																				153	99
64/ 63																				74	106
62/ 61																				48	93
60/ 59																				47	107
58/ 57																				21	79
56/ 55																				12	73
54/ 53																				5	52
52/ 51																				2	46
50/ 49																				1	17
48/ 47																					18
46/ 45																					22
44/ 43																					18
42/ 41																					34
40/ 39																					19
38/ 37																					0
36/ 35																					7
34/ 33																					4
32/ 31																					4

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — JUL MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					4
28/ 27																					3
26/ 25																					1
TOTAL	.2	1.9	4.0	5.8	8.7	6.4	7.5	8.3	9.1	8.8	7.1	5.4	4.3	.2	6.1	3.5	4.5	930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. hum.	2410630	43598	46.9	19.870	930							
Dry Bulb	6403041	76957	82.7	6.128	930			93.0	88.2	63.3	4.7	93
Wet Bulb	4128834	61862	66.5	3.865	930			56.7	2.4			93
Dew Point	3178655	53755	57.8	8.777	930		1.2	11.8	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL O.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					
108/107																	.1	7	7			
106/105																	.3	26	26			
104/103																.0	1.1	83	83			
102/101															.0	.0	2.5	190	190			
100/ 99														.0	.1	.5	2.6	242	242			
98/ 97												.2	.0	.1	.7	1.1	2.0	297	297			
96/ 95											.0	.1	.1	.3	1.5	.9	1.4	357	357			
94/ 93									.0		.0	.3	1.1	1.4	1.1	.5	.7	381	381			
92/ 91							.0			.1	.4	1.8	1.6	1.2	.0	.3	.5	409	409			
90/ 89							.0		.2	.3	1.3	1.8	1.2	.4	.4	.3	.3	462	462			
88/ 87						.0	.0	.1	.6	1.5	1.6	1.3	.6	.3	.3	.1	.1	492	492			
86/ 85						.1	.2	.4	1.4	2.0	1.1	.7	.2	.3	.2	.1	.1	504	504			
84/ 83					.0	.2	.5	1.4	2.0	1.5	.8	.3	.2	.2	.1		.0	531	531			
82/ 81					.2	.5	1.4	2.4	1.8	1.0	.4	.2	.2	.1	.1	.0		621	621			
80/ 79				.1	.6	1.9	2.3	2.0	1.0	.3	.2	.2	.1	.0	.0	.0		658	659	2		
78/ 77			.1	.7	1.2	2.6	1.9	.9	.4	.2	.2	.1	.1	.0	.0	.0		632	632	5		
76/ 75		.0	.4	1.6	3.0	1.6	.6	.5	.2	.1	.2	.1	.1	.0	.1			635	636	17	1	
74/ 73		.1	.8	1.9	1.6	.3	.3	.1	.1	.1	.1	.1	.0	.0	.0			409	409	146	8	
72/ 71	.0	.4	1.3	1.1	.2	.2	.0	.1	.1	.1	.1	.1		.0				276	276	556	39	
70/ 69	.1	.4	.7	.2	.0	.0		.0	.0	.1	.1	.0	.0	.0				124	124	1706	202	
68/ 67		.1	.1					.0	.0	.0	.0							19	19	2121	364	
66/ 65								.0										3	3	1260	684	
64/ 63																				592	627	
62/ 61																				425	857	
60/ 59																				230	899	
58/ 57																				131	748	
56/ 55																				76	658	
54/ 53																				51	503	
52/ 51																				33	326	
50/ 49																				21	232	
48/ 47																				3	200	
46/ 45																				4	192	
44/ 43																					141	
42/ 41																					155	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					159
38/ 37																					71
36/ 35																					61
34/ 33																					36
32/ 31																					32
30/ 29																					13
28/ 27																					9
26/ 25																					4
24/ 23																					9
20/ 19																					2
18/ 17																					3
16/ 15																					1
TOTAL	.1	1.0	3.4	5.6	6.9	7.4	7.2	8.0	7.8	7.4	6.6	6.9	5.6	5.0	5.2	3.9	11.8	7439	7440	7439	7439

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16991016	324138	43.6	19.634	7439							
Dry Bulb	54021256	630718	84.8	8.621	7440			743.7	701.8	505.4	158.3	744
Wet Bulb	33113837	495477	66.6	3.888	7439			461.4	17.0			744
Dew Point	24857783	425583	57.2	8.283	7439		7.3	61.4	.9			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1	.3	.1			.1	6	6		
88/ 87									.1	.1	.1	.2		.1	.4	.1		11	11		
86/ 85									.5	.9	.4	1.1	.5	.2	.2			36	36		
84/ 83								1.2	1.0	1.3	1.0	.5	.6	.3				55	55		
82/ 81						.3	.9	3.2	2.3	2.3	1.7	1.4	.3	.1		.1		117	117		
80/ 79				.1	1.0	2.3	5.7	5.7	3.2	1.3	1.3	.9	.3		.1			203	203		
78/ 77				.9	1.9	5.3	4.1	3.0	2.5	1.7	.9	.9	.1	.2				199	199		
76/ 75			.9	1.2	3.3	2.3	2.0	1.6	1.4	1.6	.1		.4					138	136		
74/ 73			1.0	1.4	2.8	1.5	.8	.6	1.2	.3	.3	.5	.1					98	98	1	
72/ 71		.3	1.2	1.5	.3	.5	.2		.1	.1	.1	.2						43	43	3*	1
70/ 69		.1	1.1	.1		.1	.2	.1	.1									17	17	132	24
68/ 67		.3			.1			.1	.2									7	7	210	42
66/ 65																				181	83
64/ 63																				133	108
62/ 61																				76	105
60/ 59																				79	127
58/ 57																				46	76
56/ 55																				12	69
54/ 53																				7	64
52/ 51																				12	42
50/ 49																				3	39
48/ 47																					45
46/ 45																					30
44/ 43																					23
42/ 41																					17
40/ 39																					11
38/ 37																					6
36/ 35																					1
34/ 33																					4
32/ 31																					6
30/ 29																					5
TOTAL		.8	4.1	5.2	9.5	12.3	13.9	15.6	12.6	9.6	5.9	5.8	2.8	1.1	.6	.2	.1		930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2616424	47094	50.6	15.791	930							
Dry Bulb	5682864	72610	78.1	3.857	930			93.0	86.3	32.3		93
Wet Bulb	3919569	60247	64.8	4.235	930			38.1	.1			93
Dew Point	3084121	53041	57.0	7.970	930		1.1	6.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — AUG MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.1		.5		.1	.1	.1			0	9		
84/ 83								.3	.3	.3	.2	.1		.1				13	13		
82/ 81							.4	.6	.8	1.3	.4	.2	.1					36	30		
80/ 79					.3	1.2	1.8	3.3	1.9	.9	.6	.5						99	99		
78/ 77				.2	1.8	3.7	6.7	3.9	2.0	.6	.8	.4						187	187		
76/ 75			.1	1.8	4.2	5.8	3.1	3.5	1.0	1.1	.5	.1						198	198		
74/ 73		.3	1.4	4.0	5.3	3.7	3.2	1.9	1.7	.8	.3	.1						211	211		
72/ 71		.4	1.3	1.6	2.0	1.9	1.2	1.2	.8	.1	.2	.3						103	103	23	2
70/ 69		.4	1.0	.9	.6	.4	1.0	.5	.3	.4	.1							53	53	92	13
68/ 67		.3	.2		.3	.1	.3	.1	.1		.1							15	15	184	41
66/ 65			.1		.2		.1	.2										6	6	211	95
64/ 63																				154	90
62/ 61																				99	122
60/ 59																				67	131
58/ 57																				57	89
56/ 55																				21	80
54/ 53																				10	67
52/ 51																				7	48
50/ 49																				5	39
48/ 47																					39
46/ 45																					19
44/ 43																					22
42/ 41																					14
40/ 39																					4
38/ 37																					4
36/ 35																					4
34/ 33																					1
32/ 31																					6
TOTAL		1.5	4.1	8.5	14.8	16.8	17.8	15.7	9.0	5.5	3.9	1.8	.2	.2	.1			930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	3070006	51718	55.6	14.448	930							
Dry Bulb	5288766	70058	75.3	3.474	930			92.4	75.3	10.3		93
Wet Bulb	3848866	59706	64.2	4.116	930			29.9				93
Dew Point	3125400	53502	57.5	7.149	930		.6	5.6				93

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

U.S. GOVERNMENT PRINTING OFFICE — 1974 — 705-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89											.1	.1						2	2		
88/ 87										.1		.2			.1	.1		5	5		
86/ 85								.2	.1	.5	.4	.1	.2	.1				16	16		
84/ 83							.3	.8	1.5	.9	.8	.3	.2					44	44		
82/ 81						.4	.5	2.9	1.3	2.2	.8	.9	.3					86	96		
80/ 79					.9	1.9	4.4	3.3	3.5	.9	1.2	.4		.2				156	156		
78/ 77				.3	2.6	3.5	4.3	3.2	1.4	1.0	.3	.2						157	157		
76/ 75			.3	1.7	3.4	4.2	3.3	1.5	1.1	.5	.3	.1						154	154		
74/ 73			.9	3.3	4.7	2.2	4.3	1.0	.5	.4	.1							162	162		
72/ 71			1.1	2.0	2.2	1.8	1.0	.8	.6	.1	.2	.3						94	94	32	1
70/ 69		.3	.4	.9	.2	1.0	.4	.5	.2									37	37	116	11
68/ 67			.3	.1	.2	.3	.1	.2	.2									14	14	225	40
66/ 65					.2		.1											3	3	186	98
64/ 63																				140	91
62/ 61																				109	152
60/ 59																				61	118
58/ 57																				32	89
56/ 55																				14	103
54/ 53																				9	69
52/ 51																				4	43
50/ 49																				2	26
48/ 47																					28
46/ 45																					20
44/ 43																					13
42/ 41																					10
40/ 39																					5
38/ 37																					6
36/ 35																					1
34/ 33																					2
32/ 31																					2
TOTAL		.3	3.0	8.4	14.4	15.4	18.8	14.4	10.5	6.6	4.2	2.7	.8	.3	.1	.1		930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2932277	50627	54.4	13.774	930							
Dry Bulb	5468475	71215	76.6	4.041	930			92.7	78.2	21.4		93
Wet Bulb	3927907	60333	64.9	3.861	930			37.3				93
Dew Point	3180141	54037	58.1	6.591	930		.2	5.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (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
100/ 99																	.3	3	3		
98/ 97													.1	.1	.1	.1	.8	11	11		
96/ 95											.1		.2	.3	.4	.3	.4	17	17		
94/ 93												.2	.8	1.1	.6	1.1	1.1	45	45		
92/ 91										.1	.3	1.5	2.0	1.3	1.0	1.2	.5	74	74		
90/ 89									.2	.8	1.8	3.5	3.2	1.4	1.9	.4	.4	128	128		
88/ 87								.3	1.6	3.5	4.4	3.8	2.2	1.3	.4	.3	.1	167	167		
86/ 85							.2	1.4	3.9	5.7	3.9	2.0	1.1	.3	.2	.1		175	175		
84/ 83						.3	1.4	2.8	3.7	3.8	1.6	.5	.6	.1	.1			139	139		
82/ 81						.4	3.2	2.9	2.2	1.2	.4	.1	.1					98	98		
80/ 79				.2	.2	1.3	1.0	1.0	.6	.1	.1		.1					43	43		
78/ 77				.2	.3	1.0	.4	.1	.1									20	20		
76/ 75				.1	.1	.1												3	3	2	
74/ 73			.1	.2														3	3	19	
72/ 71			.1	.1														2	2	93	2
70/ 69			.1	.1														2	2	221	3
68/ 67																				233	31
66/ 65																				168	65
64/ 63																				98	99
62/ 61																				58	109
60/ 59																				23	136
58/ 57																				14	120
56/ 55																				1	93
54/ 53																					67
52/ 51																					55
50/ 49																					36
48/ 47																					33
46/ 45																					32
44/ 43																					15
42/ 41																					14
40/ 39																					11
38/ 37																					3
36/ 35																					5
34/ 33																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL			.3	1.0	.6	3.1	6.2	6.5	12.3	12.2	12.7	11.7	10.4	5.9	4.8	3.5	3.7	930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1528549	35995	38.7	12.072	930							
Dry Bulb	6952760	80308	86.4	4.395	930			93.0	92.0	88.4	7.0	93
Wet Bulb	4183686	62302	67.0	3.279	930			56.8	2.1			93
Dew Point	3068803	53065	57.1	6.640	930			3.6				93

USAFETAC FORM 0-26-5 (OL A) 7/01 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 70-73,73-78 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.0	0	0		
102/101															.2	.3	1.7	21	21		
100/ 99														.3	.4	1.0	5.3	65	65		
98/ 97													.1	.3	1.0	2.2	6.2	91	91		
96/ 95												.2	1.3	1.3	4.2	1.8	5.5	138	138		
94/ 93											.4	1.2	3.3	4.3	4.4	2.9	2.5	177	177		
92/ 91										.4	1.8	3.9	4.2	1.7	2.2	1.3	1.1	154	154		
90/ 89									.3	1.6	3.7	3.8	2.8	1.3	1.5	.1	.1	141	141		
88/ 87								.1	1.3	2.5	1.8	1.5	.2	.3				72	72		
86/ 85								.6	1.2	1.0	.8	.1						34	34		
84/ 83							.2	.6	.4	.1								13	13		
82/ 81					.1		.2	.1	.1									5	5		
80/ 79						.2	.2											4	4		
78/ 77																		2	2	1	
76/ 75				.1	.1													4	4	33	
74/ 73				.3	.1													3	3	135	
72/ 71			.1	.2																235	2
70/ 69																				210	6
68/ 67																				121	38
66/ 65																				133	64
64/ 63																				57	89
62/ 61																				22	114
60/ 59																				12	106
58/ 57																				1	108
56/ 55																					84
54/ 53																					60
52/ 51																					52
50/ 49																					75
48/ 47																					47
46/ 45																					24
44/ 43																					24
42/ 41																					11
40/ 39																					6
38/ 37																					11
36/ 35																					

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33																					4
32/ 31																					3
TOTAL			.1	.6	.3	.2	.6	1.5	3.3	5.6	8.5	10.6	11.9	10.1	13.9	9.6	23.v	930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	894671	27137	29.2	10.521	930							
Dry Bulb	8014927	86231	92.7	4.577	930			93.0	92.7	92.0	49.8	93
Wet Bulb	4200964	62424	67.1	3.426	930			58.4	3.4			93
Dew Point	2820451	50781	54.6	7.161	930		.3	1.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 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																	.5	5	5		
104/103																	2.3	21	21		
102/101																.2	3.8	37	37		
100/ 99															.1	1.2	9.5	100	100		
98/ 97														.4	.4	1.9	3.9	9.5	151	151		
96/ 95											.1	.8	1.0	1.5	5.2	3.1	8.0	182	182		
94/ 93											.1	1.4	2.7	1.9	2.4	1.8	2.3	117	117		
92/ 91											.8	3.3	4.2	2.3	.9	.6	.5	117	117		
90/ 89								.1	.3	.4	2.6	1.6	1.5	.2	.6		.1	70	70		
88/ 87									1.6	1.8	.9	.5	.2		.1			48	48		
86/ 85								.3	1.1	.4	.4							21	21		
84/ 83						.1	.2	.3	.4		.1							11	11		
82/ 81		.1				.2	.6	.4	.1									14	14		
80/ 79		.1			.2	.2	.3	.4										12	12	1	1
78/ 77					.4	.4	.1											9	9	2	1
76/ 75				.1	.3													4	4	4	
74/ 73			.3	.3	.2													8	8	20	
72/ 71			.1	.1														2	2	95	1
70/ 69																				217	2
68/ 67																				196	20
66/ 65																				146	39
64/ 63																				137	56
62/ 61																				78	71
60/ 59																				29	82
58/ 57																				5	94
56/ 55																					99
54/ 53																					80
52/ 51																					72
50/ 49																					57
48/ 47																					65
46/ 45																					62
44/ 43																					47
42/ 41																					43

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					11
38/ 37																					12
36/ 35																					12
34/ 33																					3
TOTAL		.2	.4	.5	1.2	1.0	1.3	1.6	3.5	4.7	4.9	7.6	10.0	6.3	11.2	10.9	26.0	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	878617	25955	27.9	12.886	930							
Dry Bulb	8224986	87302	93.9	5.652	930			93.0	72.0	30.3	1.4	93
Wet Bulb	4167979	62177	66.9	3.443	930			53.5	2.7	.1		93
Dew Point	2733502	49914	53.7	7.664	930			2.5	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAM AFB AZ STATION NAME — 7-70,73-78 YEARS — AUG MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.1	1	1		
104/103																	.4	4	4		
102/101																.1	1.0	10	10		
100/ 99																.2	1.8	18	18		
98/ 97															.6	1.3	4.7	62	62		
96/ 95											.1	.1	.3	.3	1.6	1.6	5.1	87	87		
94/ 93												.2	1.3	2.2	2.2	1.6	4.2	108	108		
92/ 91											.8	2.5	2.4	2.4	1.9	1.9	2.6	134	134		
90/ 89										.3	2.5	2.6	2.4	1.4	1.7	1.4	.8	121	121		
88/ 87									1.5	1.8	1.8	2.5	1.3	1.0	.4	.2	.3	101	101		
86/ 85								.4	2.2	1.7	1.7	1.0	.4	.2	.2	.1		74	74		
84/ 83							.5	2.0	1.1	.6	.9	.2			.1			51	51		
82/ 81					.2	.8	2.0	.6	.8	.4			.1		.1			47	47		
80/ 79				.1	.9	.5	.9	1.2	.3	.1								37	37		
78/ 77			.1	.3	.8	.6	.9											25	25		
76/ 75			.4	.5	.8	.6	.3											25	25	1	
74/ 73			.4	.8	.3	.1												15	15	9	
72/ 71		.2	.1	.2	.2													7	7	83	3
70/ 69		.1																1	1	191	21
68/ 67																				186	17
66/ 65																				152	56
64/ 63																				125	69
62/ 61																				99	78
60/ 59																				39	82
58/ 57																				21	86
56/ 55																				11	68
54/ 53																				2	66
52/ 51																					54
50/ 49																					59
48/ 47																					53
46/ 45																					55
44/ 43																					44
42/ 41																					40
40/ 39																					21

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																					7
36/ 35																					11
34/ 33																					12
32/ 31																					5
30/ 29																					1
28/ 27																					1
TOTAL		.3	1.1	1.9	3.1	2.6	4.6	4.4	5.8	5.1	7.6	9.0	8.2	7.4	8.9	8.7	21.0	929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1321060	31496	33.9	16.520	929							
Dry Bulb	7392460	82656	89.0	6.424	929			93.0	92.2	84.3	29.1	93
Wet Bulb	4065413	61355	66.0	3.782	929			47.1	1.0			93
Dew Point	2793239	50315	54.2	8.570	929		.7	4.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																	.1	1	1		
96/ 95																	.2	2	2		
94/ 93													.2	.2	.2	.2	.3	11	11		
92/ 91										.1		.3	.3	.2	.4	.3	.5	21	21		
90/ 89									.1	.1	.3	.9	1.4	1.5	1.2	1.2	.3	65	65		
88/ 87								.1	.3	1.1	1.8	1.4	1.9	2.2	1.3	.3	.3	100	100		
86/ 85								.3	1.7	3.1	2.0	2.4	1.7	1.8	.8	.3	.2	134	134		
84/ 83							.8	1.4	3.7	2.8	1.9	1.7	1.3	.4	.3	.3		136	136		
82/ 81					.1	.6	2.3	2.8	1.7	2.2	1.2	1.6	.1	.3	.6	.1		127	127		
80/ 79				.3	.3	2.8	4.1	2.8	2.3	.6	1.0	.2	.2	.2				138	138		
78/ 77			.2	1.9	1.0	1.5	1.5	1.0	.5		.4	.1	.1	.2				79	79		
76/ 75			.5	.8	1.3	1.4	.6	.4		.1	.1	.1	.1					51	51	1	
74/ 73		.1	.2	1.0	1.2	.3	.1			.2	.1							30	30	11	1
72/ 71		.1	.8	1.1	.8													25	25	59	5
70/ 69		.4	.2	.1						.1								8	8	147	26
68/ 67		.1																1	1	214	30
66/ 65		.1																1	1	141	76
64/ 63																				138	82
62/ 61																				97	91
60/ 59																				68	117
58/ 57																				19	74
56/ 55																				19	68
54/ 53																				12	67
52/ 51																				4	45
50/ 49																					45
48/ 47																					56
46/ 45																					35
44/ 43																					36
42/ 41																					25
40/ 39																					15
38/ 37																					6
36/ 35																					8
34/ 33																					7
32/ 31																					8

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-76,73-78 YEARS — AUG MONTH

PAGE 2 — 2100-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					4
26/ 25																					1
TOTAL	.9	1.9	5.2	4.6	6.7	9.4	8.8	10.3	10.4	8.9	6.7	7.4	7.1	4.8	2.8	2.0		930			930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2025193	40317	43.4	17.200	930							
Dry Bulb	6331615	76593	82.4	5.096	930			92.9	99.8	67.0	1.4	93
Wet Bulb	3987592	60774	65.3	4.164	930			43.2	1.2			93
Dew Point	2968840	51908	55.8	8.655	930		1.3	6.2	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 73-78 YEARS — AUG MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.1	1	1		
106/105																	.1	6	6		
104/103																	.4	31	31		
102/101															.0	.1	.2	68	68		
100/ 99														.0	.1	.3	2.1	187	187		
98/ 97													.1	.1	.5	.9	2.7	316	316		
96/ 95											.0	.1	.3	.5	1.4	.9	2.4	426	426		
94/ 93											.1	.4	1.0	1.2	1.2	1.0	1.2	458	458		
92/ 91										.1	.5	1.4	1.6	1.0	.8	.7	.7	500	500		
90/ 89								.0	.1	.4	1.4	1.6	1.5	.7	.9	.4	.2	533	533		
88/ 87								.1	.8	1.4	1.4	1.3	.7	.6	.3	.1	.1	504	504		
86/ 85							.0	.4	1.3	1.7	1.3	.8	.5	.3	.2	.1	.0	499	499		
84/ 83						.1	.4	1.2	1.5	1.2	.6	.4	.3	.1	.1	.0		462	462		
82/ 81		.0			.1	.3	1.3	1.7	1.1	1.2	.6	.5	.1	.1	.1	.0		530	530		
80/ 79		.0		.1	.5	1.3	2.3	2.2	1.5	.5	.5	.3	.1	.1	.0			692	692	1	1
78/ 77			.0	.5	1.1	2.0	2.2	1.4	.8	.4	.3	.2	.0	.1				676	676	2	1
76/ 75			.3	.8	1.7	1.8	1.2	.9	.4	.4	.1	.0	.1					575	575	9	
74/ 73		.1	.5	1.4	1.3	1.0	1.0	.4	.4	.2	.1	.1	.0					531	531	93	1
72/ 71		.1	.6	.9	.7	.5	.3	.2	.2	.0	.1	.1						279	279	528	15
70/ 69		.2	.3	.3	.1	.2	.2	.1	.1	.1	.0							118	118	1351	102
68/ 67		.1	.1	.0	.1	.1	.1	.1	.1		.0							37	37	1658	229
66/ 65		.0	.0		.1		.0	.0										10	10	1306	552
64/ 63																				1068	659
62/ 61																				673	817
60/ 59																				388	907
58/ 57																				206	734
56/ 55																				79	708
54/ 53																				40	564
52/ 51																				27	419
50/ 49																				10	355
48/ 47																					394
46/ 45																					300
44/ 43																					224
42/ 41																					187

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-76,73-78 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					89
38/ 37																					52
36/ 35																					53
34/ 33																					34
32/ 31																					30
30/ 29																					10
28/ 27																					1
26/ 25																					1
TOTAL		.5	1.9	3.9	6.1	7.2	9.1	8.8	8.4	7.6	7.1	7.3	6.5	4.8	5.6	4.5	16.2	7439	7439	7439	7439

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15266797	310339	41.7	17.661	7439							
Dry Bulb	53356853	626973	84.3	8.316	7439			743.0	699.5	486.0	149.5	744
Wet Bulb	32301976	489318	65.8	3.948	7439			364.2	10.5	.1		744
Dew Point	23772497	416563	56.0	7.745	7439		4.2	34.9	.2			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 7-70,73-78 YEARS — SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87														.1				1	1		
86/ 85										.2	.1	.1	.6	.2	.1	.1		13	13		
84/ 83							.1	.1	.2	.2	.3	.4	.4	.3	.1			21	21		
82/ 81							.2	.8	1.2	1.4	.9	1.1	.2	.4				57	57		
80/ 79						.2	.8	1.0	1.7	.4	.7	.4	.4	.6				55	56		
78/ 77						.6	1.7	3.0	1.6	1.7	.7	.8	.3	.1				93	93		
76/ 75					1.4	1.8	2.7	2.2	1.6	1.8	.8	.8		.3				121	120		
74/ 73				.8	3.0	2.2	1.4	2.6	2.3	2.1	1.0	.3	.4					150	150		
72/ 71			.6	2.6	.8	1.6	1.6	2.0	2.9	1.7	1.6	.4	.1					141	141	1	
70/ 69			.8	1.4	.8	1.4	1.6	1.2	.9	1.2	.6	.6						94	94	9	
68/ 67			.8	.9	.6	.8	1.3	.8	.7	.8	.7	.1						66	66	69	
66/ 65		.1	.4	.1	.7	.2	.6	.6	.1	.2	.7							33	33	119	25
64/ 63			.4	.7		.3	.1	.4	.1	.8	.6							31	31	118	37
62/ 61							.6	.1	.1	.6	.2							14	14	125	72
60/ 59							.2	.2	.6									9	9	92	65
58/ 57																				106	66
56/ 55																				87	78
54/ 53																				53	64
52/ 51																				45	55
50/ 49																				27	63
48/ 47																				17	47
46/ 45																				19	64
44/ 43																				11	54
42/ 41																				1	32
40/ 39																					33
38/ 37																					38
36/ 35																					26
34/ 33																					12
32/ 31																					11
30/ 29																					10
28/ 27																					19
26/ 25																					16
24/ 23																					6
22/ 21																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — SEP MONTH

PAGE 2 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					2
TOTAL		.1	3.0	6.5	7.2	9.1	12.8	15.0	13.9	13.1	8.7	5.6	2.6	2.1	.2	.1		899	899	899	899

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2100437	40963	45.6	16.141	899							
Dry Bulb	4859834	65930	73.3	5.247	899			81.3	51.2	11.0		90
Wet Bulb	3202714	53404	59.4	5.810	899			7.9				90
Dew Point	2300317	44535	49.5	10.238	899		6.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — (7-70,73-76 YEARS — SEP MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 63									.1		.1	.3						5	5		
82/ 81							.1	.1	.3	.1	.2	.2	.1					11	11		
80/ 79						.4	.4	1.2	.7	1.4	.9	.2	.3					51	51		
78/ 77						.3	1.2	2.4	.9	.8	.8	.6	.1					94	94		
76/ 75					.6	2.8	2.3	2.2	1.0	.9	.9	.4						100	100		
74/ 73				.3	2.0	1.2	3.0	2.0	1.0	.6	.9	.2	.4					105	105		
72/ 71				2.8	2.4	2.2	2.3	2.6	1.9	.7	.6	.1	.2					142	142		
70/ 69			1.3	2.0	2.0	1.9	2.2	1.8	1.8	.8		.2						126	126	6	
68/ 67			1.7	.9	1.2	1.8	1.7	2.0	1.0	.4	.3							104	104	35	
66/ 65			.7	.9	.9	1.8	1.7	1.2	1.3	1.1	.4							90	90	117	13
64/ 63			.7	1.0	.1	1.0	.4	1.2	.6	.8	.1							53	53	123	36
62/ 61			.4		.1	.3	.6	.4	.6	.1	.1							24	24	122	65
60/ 59						.2	.1	.3	.8	.4								17	17	108	73
58/ 57							.2	.3	.1									6	6	92	84
56/ 55								.1										1	1	90	67
54/ 53							.1											1	1	70	77
52/ 51																				37	70
50/ 49																				41	67
48/ 47																				22	41
46/ 45																				21	53
44/ 43																				12	62
42/ 41																				4	28
40/ 39																					37
38/ 37																					29
36/ 35																					23
34/ 33																					14
32/ 31																					7
30/ 29																					16
28/ 27																					20
26/ 25																					8
24/ 23																					3
22/ 21																					3
20/ 19																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE—1974/626-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70, 73-78 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL			4.8	7.9	9.3	14.0	16.4	18.6	12.0	1.1	5.3	2.3	1.2					900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2430383	44665	49.6	15.420	900							
Dry Bulb	4535526	63720	70.8	5.183	900			70.0	33.0	3.7		90
Wet Bulb	3128168	52798	58.7	5.853	900			4.1				90
Dew Point	2324430	44880	49.9	9.805	900		5.9					90

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

U S GOVERNMENT PRINTING OFFICE: 1974 — 726-870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-76 YEARS | SEP 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
86/ 85										.1	.1	.2	.1	.1	.1			7	7		
84/ 83							.2	.1		.2	.3	.3		.1				12	12		
82/ 81						.1	.1	.2	1.0	1.1	.8	.4	.2	.1	.1			58	36		
80/ 79						.3	.7	.7	.9	.6	.8	.3	.3					41	41		
78/ 77					.2	.7	1.6	2.6	1.6	.7	.6	.2	.2	.1				75	75		
76/ 75					.6	3.1	2.1	1.8	2.7	1.0	.7	.4	.2					113	113		
74/ 73				.6	3.4	1.5	3.0	1.1	2.1	.8	.9	.6	.2					128	128		
72/ 71				1.8	2.0	2.8	2.2	1.7	1.4	.9	.6	.3						123	123	3	
70/ 69			1.0	3.2	1.7	1.6	2.2	2.0	1.2	.4	.3	.6						129	128	11	
68/ 67		.1	1.3	.2	1.4	1.4	1.3	1.3	.6	1.0	.4	.1						85	83	43	
66/ 65			.8	.4	.8	1.6	1.0	1.1	.9	.3	.4							66	66	127	16
64/ 63			.6	.9	.2	.6	.8	.8	.3	.3								40	40	135	37
62/ 61			.3	.3	.1	.6	.4	.1	.6									22	22	125	85
60/ 59					.1	.4	.1	.6	.4									15	15	109	80
58/ 57								.2	.3									5	5	97	65
56/ 55							.1											1	1	79	78
54/ 53							.1											1	1	55	84
52/ 51																				36	65
50/ 49																				41	72
48/ 47																				17	50
46/ 45																				15	58
44/ 43																				5	40
42/ 41																				2	30
40/ 39																					33
38/ 37																					21
36/ 35																					19
34/ 33																					21
32/ 31																					9
30/ 29																					17
28/ 27																					10
26/ 25																					4
24/ 23																					5
22/ 21																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 — 720-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		.1	4.0	7.6	10.6	14.7	16.0	14.2	14.0	7.4	5.9	3.6	1.3	.4	.2			900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2416157	44553	49.5	15.307	900							
Dry Bulb	4670520	64648	71.8	5.458	900			75.0	41.4	7.9		90
Wet Bulb	3209104	53502	59.4	5.639	900			5.7				90
Dew Point	2394755	45649	50.7	9.397	900		4.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.2	2	2		
96/ 95													.1	.1			.6	7	7		
94/ 93												.2	.1	.4	.4	.2	.8	20	20		
92/ 91											.1	.2	.3	.6	1.1	.1	.8	29	29		
90/ 89										.2	.6	1.2	1.4	1.0	.7	.4	.4	54	54		
88/ 87									.2	.4	1.9	2.0	1.4	1.6	1.2	.4	.4	87	87		
86/ 85								.6	.9	2.9	2.1	1.7	1.8	1.3	1.2	.6	.4	121	121		
84/ 83							.4	.9	2.1	2.7	3.2	2.1	1.9	.8	.7	.6		138	138		
82/ 81						.1	.3	1.7	2.7	1.8	2.1	1.6	.9	.7	1.2	.1		119	118		
80/ 79						.3	2.6	3.1	2.4	1.9	1.6	1.6	1.0	.4	.3			137	137		
78/ 77					.1	.4	1.2	1.7	1.2	.9	1.1	.6	.4	.7				75	75		
76/ 75					.8	.9	.6	.6	.3	.6	.4	.3	.6	.1	.1			47	47		
74/ 73					.7	.8	.0	.2	.2	.3			.1	.1				27	27		
72/ 71			.1	.6	.2	.4	.4		.1	.2	.1	.2	.1					23	23	24	
70/ 69				.1	.2				.2		.1		.1					7	7	53	
68/ 67			.3			.1			.1									5	5	156	1
66/ 65			.1						.1									2	2	158	17
64/ 63								.1										1	1	139	40
62/ 61																				130	64
60/ 59																				39	100
58/ 57																				58	80
56/ 55																				37	88
54/ 53																				35	71
52/ 51																				14	68
50/ 49																				4	60
48/ 47																				3	60
46/ 45																					48
44/ 43																					31
42/ 41																					44
40/ 39																					38
38/ 37																					21
36/ 35																					11
34/ 33																					15
32/ 31																					18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					12
28/ 27																					2
26/ 25																					2
24/ 23																					1
22/ 21																					2
TOTAL			.6	.7	2.0	3.1	6.1	6.8	10.7	11.9	13.3	11.7	10.3	7.8	7.	2.4	3.7	900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1328616	32474	36.1	13.210	900							
Dry Bulb	6153796	74264	82.5	5.363	900			89.7	86.2	66.2	2.9	90
Wet Bulb	3593076	56712	63.0	4.653	900			23.3				90
Dew Point	2440869	46179	51.3	8.913	900		3.7	.1				90

USAFETAC FORM 201 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 7-76,73-78 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.1	1	1		
102/101																	.4	4	4		
100/ 99																.2	1.7	17	17		
98/ 97															.7	.4	3.2	39	39		
96/ 95													.4	.7	1.1	.9	4.0	64	64		
94/ 93												.2	1.3	1.6	1.7	2.3	3.1	94	94		
92/ 91											.2	1.7	1.8	2.7	3.2	2.1	4.6	149	149		
90/ 89										.1	1.6	2.0	2.4	2.1	2.6	1.7	2.5	138	138		
88/ 87									.3	.3	3.1	2.4	1.8	2.8	1.2	.8	1.7	132	132		
86/ 85								.3	.2	.6	2.0	1.8	.8	1.1	1.1	.7	.9	93	93		
84/ 83								.3	1.0	1.2	1.1	.4	.6	.9	.3	.3	.1	57	57		
82/ 81							.6	.9	.9	.8	.6	.8	.1	.1	.1	.1	.2	46	46		
80/ 79							.1	.9	.6	.1	.1	.3	.4	.1	.1	.2		27	27		
78/ 77							.2	.6	.2		.1	.1				.1		12	12		
76/ 75					.3	.1	.2	.1	.2		.1							10	10		
74/ 73						.1	.1				.2							4	4		
72/ 71			.1	.2			.1											4	4	24	
70/ 69			.4	.2		.1			.1									9	8	82	
68/ 67			.2															2	2	148	
66/ 65																				141	6
64/ 63																				103	28
62/ 61																				142	37
60/ 59																				81	74
58/ 57																				51	93
56/ 55																				49	58
54/ 53																				12	69
52/ 51																				4	68
50/ 49																				3	65
48/ 47																					74
46/ 45																					71
44/ 43																					59
42/ 41																					49
40/ 39																					37
38/ 37																					33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — SEP MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																						20
34/ 33																						12
32/ 31																						21
30/ 29																						19
28/ 27																						1
26/ 25																						2
24/ 23																						1
22/ 21																						3
TOTAL			.8	.4	.3	.3	1.3	3.1	3.6	4.1	9.1	9.8	9.7	12.2	12.1	9.9	23.2		900			900
																		900		900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	817405	24919	27.7	11.907	900							
Dry Bulb	7121446	79898	88.8	5.626	900			90.6	86.6	85.1	21.9	90
Wet Bulb	3649610	57180	63.5	4.320	900			25.4				90
Dew Point	2258587	44379	49.3	8.840	900		4.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
104/103																	.5	2	3		
102/101																.1	1.1	11	11		
100/ 99																.2	3.2	31	31		
98/ 97														.1	.0	.6	4.5	54	54		
96/ 95													.1	.7	1.0	1.0	8.2	104	104		
94/ 93												.2	.9	2.4	2.5	1.4	6.5	121	121		
92/ 91											.7	1.4	1.7	1.6	1.0	2.7	6.2	151	151		
90/ 89											.2	1.3	1.9	1.3	1.9	2.2	3.7	115	116		
88/ 87									.2	.2	.6	1.6	1.8	1.1	1.2	.9	1.3	69	80		
86/ 85									.7	1.1	1.0	.9	.4	1.1	.5	.8	.5	64	64		
84/ 83							.2	.3	.9	1.1	.6	.1	.2	.4	.1	.3	.5	42	42		
82/ 81							.1	.3	1.4	.3	.1	.3	.4	.1	.1	.1		31	31		
80/ 79							.2	.0	.4	.3	.6	.4		.1		.1		25	25		
78/ 77					.1	.6	.8	.3	.2		.3							21	21		
76/ 75					.4	.3	.3	.1	.1		.1		.1					14	14		
74/ 73				.6	.2						.2							0	9	1	
72/ 71				.6		.2												7	7	23	
70/ 69		.1	.4	.3	.2	.1												11	11	91	
68/ 67					.1													1	1	126	2
66/ 65			.1	.1														2	2	157	10
64/ 63		.1																1	1	155	30
62/ 61		.1																1	1	143	30
60/ 59																				117	52
58/ 57																				73	70
56/ 55																				37	66
54/ 53																				21	57
52/ 51																				4	50
50/ 49																				1	49
48/ 47																					62
46/ 45																					87
44/ 43																					84
42/ 41																					61
40/ 39																					40
38/ 37																					43

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					31
34/ 33																					14
32/ 31																					20
30/ 29																					20
28/ 27																					5
26/ 25																					4
24/ 23																					3
TOTAL	.3	.6	1.6	1.1	1.2	1.7	1.7	4.0	3.1	4.3	6.3	7.6	9.6	9.0	12.0	36.5		900	899	899	899

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	813727	23803	26.5	14.295	899							
Dry Bulb	7266077	80645	89.6	6.657	900			89.6	87.7	82.3	32.4	90
Wet Bulb	358479?	56641	63.0	4.234	899			21.1	.1			90
Dew Point	2144491	43131	48.0	9.152	899		5.3	.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-78 YEARS | SEP MONTH

PART 1 | 18.0-2.00 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.0	6	5		
98/ 97																.2	1.4	11	11		
96/ 95														.1	.1	.1	2.6	26	26		
94/ 93													.2	.2	1.2	.4	2.6	42	42		
92/ 91												.1	.6	1.1	1.7	1.3	2.3	68	68		
90/ 89											.3	1.0	1.6	1.7	1.4	2.2	1.9	91	91		
88/ 87									.2	.4	1.2	1.8	1.6	1.9	2.3	1.6	1.2	110	110		
86/ 85									.2	1.1	2.1	1.4	1.9	1.7	2.0	1.6	.3	111	111		
84/ 83							.1	.6	.7	1.1	1.1	1.4	1.9	1.7	1.3	.7	.0	100	100		
82/ 81							.1	.9	1.6	1.4	.4	1.0	.7	1.0	.5	.7	.1	81	80		
80/ 79						.6	.6	1.0	1.3	1.0	1.2	.9	.4	.6	.3	.3		75	70		
78/ 77					.1	.6	.6	.9	.3	.3	.7	.4	.4	.3	.1			45	45		
76/ 75				.4	.9	.4	.4	.8	.4	.4	.2	.2	.2	.4	.1			46	46		
74/ 73				.7	1.0	.2	.8	.2	.3	.1			.2					32	32		
72/ 71			.1	1.1	.1	.2	.1	.6										20	20	6	
70/ 69		1.0	.6	.4	.1					.2								21	21	44	
68/ 67		.6	.3	.1					.1	.1								11	11	97	2
66/ 65		.1	.1					.1										3	3	150	21
64/ 63		.1																1	1	122	36
62/ 61		.1																1	1	148	30
60/ 59																				136	51
58/ 57																				53	71
56/ 55																				52	60
54/ 53																				33	63
52/ 51																				18	53
50/ 49																				10	54
48/ 47																				1	65
46/ 45																					60
44/ 43																					67
42/ 41																					60
40/ 39																					55
38/ 37																					36
36/ 35																					38
34/ 33																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 726-080

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — SEP MONTH

PAGE 2 — 1800-2100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																					20
30/ 29																					13
28/ 27																					11
26/ 25																					5
24/ 23																					4
22/ 21																					1
20/ 19																					2
TOTAL		2.0	3.2	2.7	2.1	2.9	5.0	5.2	6.3	7.3	8.3	9.9	10.9	11.4	9.1	13.0		900		900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1183246	28950	32.2	16.743	900							
Dry Bulb	6404906	75676	84.1	6.813	900			89.5	84.2	66.8	3.4	90
Wet Bulb	3462943	55677	61.9	4.546	900			14.7				90
Dew Point	2183681	43463	48.3	9.710	900		5.6	.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — SEP MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3 4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93																	.1	1	1		
92/ 91												.2					.3	5	5		
90/ 89											.1		.2	.3	.7	.3	.2	17	17		
88/ 87										.1	.1	.3	.4	.6	.1	.1	.1	19	19		
86/ 85								.1	.2	.6	.4	1.2	1.1	1.1	.4	.3	.1	51	51		
84/ 83							.1	.2	1.0	1.7	1.4	1.4	1.8	.6	.7	.3		85	85		
82/ 81							.2	1.2	1.4	1.4	1.8	1.9	1.4	1.0	.6	.2		101	101		
80/ 79					.1	.2	1.0	2.1	1.7	1.6	1.7	1.6	.8	.7	.2			104	104		
78/ 77						1.1	2.3	2.2	1.3	1.4	1.7	1.6	1.3	.6	.3			125	125		
76/ 75				.2	2.0	1.8	1.1	1.0	1.8	1.7	1.9	1.4	.6	.7				127	127		
74/ 73			.2	.8	1.4	.7	.4	1.4	.8	1.0	1.6	.7	.4	.3				88	88		
72/ 71			.3	1.2	.4	1.0	.4	1.0	1.4	.3	.3	.8	.4	.1				71	71	3	
70/ 69			.6	.6	.3	.8	1.1	.7	.1		.4	.7						47	47	27	
68/ 67		.1	.4	.6	.7	.2	.1	.2	.2		.2	.6	.1					31	31	95	3
66/ 65		.1	.6	.4				.1	.3	.1	.2	.1						18	18	124	23
64/ 63			.2					.4		.2	.1							9	9	130	40
62/ 61										.1								1	1	132	64
60/ 59																				133	64
58/ 57																				111	68
56/ 55																				73	58
54/ 53																				51	47
52/ 51																				32	60
50/ 49																				26	62
48/ 47																				11	46
46/ 45																				6	61
44/ 43																				3	49
42/ 41																					38
40/ 39																					40
38/ 37																					35
36/ 35																					32
34/ 33																					14
32/ 31																					21
30/ 29																					14
28/ 27																					15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974—757-762/5D

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — SEP MONTH

PAGE 2 — 2100-2400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					11
24/ 23																					9
22/ 21																					4
20/ 19																					3
TOTAL		.2	2.3	3.8	5.0	5.8	6.9	10.8	10.3	1.2	12.0	12.4	8.7	6.3	3.0	1.3	.7	900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1668618	35716	39.7	16.718	900							
Dry Bulb	5426424	69698	77.4	5.665	900			87.2	72.3	33.0	.1	90
Wet Bulb	3309891	54357	60.4	5.471	900			12.5				90
Dew Point	2250819	44019	48.9	10.433	900		7.4	.3				90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 726-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — SEP MONTH

 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
104/103																	.1	4	4		
102/101																.0	.2	15	15		
100/ 99																.1	.7	53	55		
98/ 97														.0	.6	.2	1.2	106	106		
96/ 95													.1	.2	.3	.3	1.9	201	201		
94/ 93												.1	.3	.6	.7	.9	1.6	270	270		
92/ 91											.1	.5	.5	.7	.9	.9	1.9	401	401		
90/ 89										.0	.3	.7	.9	.6	.5	.9	1.2	415	416		
88/ 87									.1	.2	.9	1.0	.9	1.0	.5	.5	.6	429	429		
86/ 85								.1	.3	.9	1.0	.9	.8	.8	.7	.5	.3	460	460		
84/ 83							.2	.3	.8	1.0	1.0	.6	.8	.6	.4	.3	.1	460	460		
82/ 81						.0	.2	.8	1.3	1.1	.9	.9	.5	.4	.4	.2	.0	482	482		
80/ 79					.0	.3	.8	1.3	1.2	.9	.9	.7	.5	.3	.1	.1		517	517		
78/ 77					.1	.5	1.2	1.7	.9	.7	.7	.5	.4	.2	.1	.0		510	510		
76/ 75				.1	.9	1.4	1.2	1.1	1.0	.8	.6	.5	.2	.2	.0			577	577		
74/ 73			.0	.5	1.5	.8	1.2	.9	.8	.6	.6	.3	.2	.1				543	543	1	
72/ 71			.2	1.3	.8	1.1	.9	1.0	1.0	.5	.4	.2	.1	.0				531	531	64	
70/ 69		.0	.7	1.1	.7	.8	.9	.7	.5	.3	.2	.3	.0					442	442	293	
68/ 67		.0	.7	.4	.5	.5	.6	.6	.3	.3	.2	.1	.0					305	305	769	6
66/ 65		.0	.3	.3	.3	.4	.4	.4	.3	.2	.2	.0						214	214	1073	131
64/ 63		.0	.3	.3	.0	.2	.2	.4	.1	.3	.1							136	136	1055	286
62/ 61		.0	.1	.0	.0	.1	.2	.1	.2	.1	.0							63	63	1067	453
60/ 59					.0	.1	.1	.1	.2	.1								41	41	835	559
58/ 57							.0	.1	.1									11	11	671	603
56/ 55							.0	.0										2	2	504	555
54/ 53							.0											2	2	330	532
52/ 51																				190	489
50/ 49																				153	492
48/ 47																				71	447
46/ 45																				64	522
44/ 43																				21	446
42/ 41																				7	342
40/ 39																					319
38/ 37																					258

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1978-260-760/5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					202
34/ 33																					116
32/ 31																					127
30/ 29																					121
28/ 27																					84
26/ 25																					52
24/ 23																					29
22/ 21																					10
20/ 19																					9
TOTAL		.1	2.3	3.9	4.8	6.3	8.0	9.6	9.2	8.0	8.3	7.5	6.4	6.1	5.4	4.4	9.7	7191	7199	7198	7198

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12750599	276043	38.3	17.374	7198							
Dry Bulb	46438529	574479	79.8	9.093	7199			673.1	545.3	350.8	65.7	720
Wet Bulb	27140243	440271	61.2	5.411	7198			114.7	.1			720
Dew Point	16297969	356235	49.5	9.631	7198		43.6	.8				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.3	.1	.2		.1				7	7		
80/ 79							.1				.1	.1						3	3		
78/ 77							.2				.2	.5	.2					11	11		
76/ 75						.1	.3		.3	.9	.8	.9	.4					33	30		
74/ 73					.2	.3	.4		.6	.9	.6	.4	.2		.2			37	37		
72/ 71						.3		.3	2.0	.9	.5	.4	.3	.1				45	46		
70/ 69		.1	.5	.2	.1	.4	.1	.9	1.1	1.2	1.4	.3	.3	.4				66	66		
68/ 67		.4	.8	.3	.2	.8	1.1	1.0	1.6	1.0	.9	.6	.1	.2				65	35	6	
66/ 65		.5	.6	.1		.8	1.1	1.9	.9	2.0	.9	.6	.1					50	89	20	8
64/ 63		.2	.4	.3	1.0	1.5	1.6	1.4	1.0	1.3	1.1	.6						91	93	22	7
62/ 61		.4	.3	.4	1.0	1.0	1.9	.6	1.6	1.5	1.0	.1						92	92	24	17
60/ 59		.4	.6	.4	.9	1.0	1.2	.8	2.6	1.6	.4	.2						95	95	20	15
58/ 57		.2	.1	.2	.2	1.8	.9	1.3	1.5	1.8	.2	.2						79	79	45	10
56/ 55		.6	.3	.3	.4	1.3	.5	1.1	1.2	.3	.1	.1						50	59	94	20
54/ 53		.5	.4		.4	.3	.5	.6	.3	.1								31	31	96	17
52/ 51		.2	.2		.2		.2	1.4	.4	.1								26	26	97	19
50/ 49			.2	.1	.4	.4	.1	1.8	.6									35	35	97	22
48/ 47		.1		.2	.5	.3	.5	.4	.1									21	21	94	50
46/ 45		.2		.5				.1										8	8	76	52
44/ 43		.1					.3											4	4	81	54
42/ 41																				70	46
40/ 39																				40	79
38/ 37																				35	63
36/ 35																				22	34
34/ 33																				8	46
32/ 31																				4	43
30/ 29																					46
28/ 27																					35
26/ 25																					42
24/ 23																					27
22/ 21																					47
20/ 19																					29
18/ 17																					27
16/ 15																					25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

 0600-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					16
12/ 11																					5
10/ 9																					11
8/ 7																					5
6/ 5																					3
2/ 1																					2
0/ -1																					1
TOTAL	4.2	4.7	3.2	5.6	10.3	11.6	13.7	16.1	13.9	8.3	5.6	1.7	.9	.2				930		930	
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1870172	37620	40.5	19.365	930							
Dry Bulb	3709481	58317	62.7	7.527	930			29.3	9.5	.8		93
Wet Bulb	2310267	45845	49.3	7.359	930		.4	.6				93
Dew Point	1354702	33348	35.9	13.079	930	.1	36.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81										.1								1	1		
80/ 79									.3									3	3		
78/ 77									.1			.1	.2					4	4		
76/ 75						.1	.2		.1		.4	.3		.1				12	12		
74/ 73					.2	.5	.5		.4	.2	.4	.2						24	24		
72/ 71					.1	.3		.6	.9	.8	.2	.1			.6			31	31		
70/ 69			.2		.5		.2	1.6	1.6	1.1	.2	.1	.1	.4				61	61		
68/ 67		.5	.5	.5	.2	.5	.6	1.1	.8	.6	.6	.5	.3					66	66	3	
66/ 65		.5	.4	.5	.1	.8	1.8	1.9	.6	1.2	.8	.3						64	84	14	6
64/ 63		.2	.3	.3	.4	1.2	.9	1.5	1.9	1.0	.8	.4	.1					84	84	25	9
62/ 61		.6	.3	.3	.3	1.5	2.4	1.0	1.1	1.0	.8	.2						88	88	19	7
60/ 59		1.0	.3	.6	1.5	1.9	1.0	1.5	2.4	1.1	.2							107	107	20	20
58/ 57		.3	.6	.5	.6	1.3	1.1	1.7	1.5	1.1	.1	.1						84	84	37	19
56/ 55		.5	.3	.2	1.6	.5	.8	1.5	1.6	.2	.1							69	69	71	21
54/ 53		.6	.6		1.1	1.0	.8	1.5	.8	.2	.1							62	62	68	16
52/ 51		.2	.9	.8	.2	.5	1.3	.3	.5	.2								46	46	72	17
50/ 49		.5	.2	.3	.3		.5	1.0	.3									30	30	64	27
48/ 47		.1	.1	.4	.4	.8	1.7		.1									34	34	103	43
46/ 45				.3	.4	.1	.9	.3										19	19	73	56
44/ 43		.2	.1	.1	.1		.6	.1										12	12	68	56
42/ 41		.2	.2			.1	.3											8	8	72	54
40/ 39						.1												1	1	45	89
38/ 37																				40	40
36/ 35																				30	24
34/ 33																				14	51
32/ 31																				11	43
30/ 29																				1	39
28/ 27																					39
26/ 25																					36
24/ 23																					43
22/ 21																					44
20/ 19																					31
18/ 17																					22
16/ 15																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 7-70,73-76 YEARS — OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					2
12/ 11																					4
10/ 9																					9
8/ 7																					4
6/ 5																					4
2/ 1																					1
0/ -1																					1
TOTAL	5.7	5.3	5.1	8.3	11.3	15.6	16.0	15.3	8.4	7.2	2.5	.8	.5	.2				930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2164908	40966	44.0	19.696	930							
Dry Bulb	3433124	56058	60.3	7.631	930			20.2	4.4	.2		93
Wet Bulb	2226277	44963	48.3	7.513	930		1.2	.3				93
Dew Point	1363000	33520	36.0	12.910	930	.1	36.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

PAGE 1 — 0600-0000 HOURS (L. S. T.)

Temp (°F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79									.3		.2	.1	.2	.1				3	3		
78/ 77							.1		.1		.2	.1	.2	.1				6	6		
76/ 75						.1			.2	.4	.5	.3						15	15		
74/ 73				.1	.1	.3	.4	.3	.5	.4	.3	.3	.2	.1	.1			31	31		
72/ 71				.2	.6	.3	.2	.8	.6	1.3	.4	.4	.1	.1				49	48		
70/ 69			.2	.1	.3	.2	.4	1.4	.9	1.0	.5	.3	.2	.1				53	53		
68/ 67		.9	.6	.1	.5	.5	1.5	1.9	1.1	1.3	.4		.3					86	86	3	
66/ 65		.6	.2	.4	.3	1.1	.9	2.0	.5	1.2	1.1	.5						83	83	20	7
64/ 63		.1	.1		.4	2.3	1.2	1.9	1.0	1.5	.5	.1						95	95	22	11
62/ 61		.2	.6	.3	.8	1.3	1.5	1.2	1.5	1.5	1.7	.1						100	100	13	11
60/ 59		.4	.6	.6	.5	2.4	.9	.9	1.6	.4	.1	.1						80	80	24	13
58/ 57		.4	.3	.8	.8	1.9	.4	1.5	1.5	1.2								82	82	49	16
56/ 55		.5	.2	1.0	.9	.6	1.1	1.1	.9	.4								62	62	76	23
54/ 53			.8	.2	1.1	.2	.6	.9	.8	.3								45	45	110	15
52/ 51		.1	.8	.9	.4	.5	1.2	1.1	.6	.2								54	54	77	16
50/ 49		.2	.9	.2	.4	.4	.5	.3	.2									30	30	103	35
48/ 47		.1	.2	.6	.4	.3	.5	.3										24	24	60	43
46/ 45		.2		.1	.3		.5	.5										16	16	37	65
44/ 43		.1		.2	.3	.2	.4											12	12	77	64
42/ 41		.1	.2	.1		.2	.2											8	8	65	65
40/ 39		.1				.3												4	4	42	80
38/ 37						.1												1	1	36	55
36/ 35																				22	29
34/ 33																				9	48
32/ 31																				11	35
30/ 29																				2	37
28/ 27																				1	42
26/ 25																					44
24/ 23																					40
22/ 21																					26
20/ 19																					33
18/ 17																					22
16/ 15																					20
14/ 13																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

PAGE 2 — 0600-0,00 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					9
10/ 9																					7
8/ 7																					4
6/ 5																					2
TOTAL		4.2	5.8	6.0	8.3	13.4	12.7	16.1	12.4	11.2	5.9	2.4	1.1	.4	.1			930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	2157949	41061	44.2	19.272	930							
Dry Bulb	3512146	56680	60.9	7.882	930			24.4	5.7	.1		93
Wet Bulb	2275558	45478	48.9	7.455	930		1.4	.3				93
Dew Point	1403500	34204	36.8	12.516	930		33.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — OCT MONTH

PAGE 1 — 0900-1100 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91																	.1	1	1		
90/ 89												.1			.1	.2	.3	7	7		
88/ 87														.6	.3	.1	.4	15	15		
86/ 85									.1	.1	.2	.1	.5	.6	1.2	.9	1.0	44	44		
84/ 83									.3	.1	.5	1.2	.6	1.0	.6	.6	.5	54	54		
82/ 81									.2	.5	.3	1.2	1.6	1.0	.6	.9	1.1	70	70		
80/ 79							.4	.4	.5	.4	1.1	1.8	1.2	1.5	1.0	.6	.3	87	87		
78/ 77								.4	.2	1.2	1.4	1.1	.9	1.7	1.1	.5	.1	90	90		
76/ 75					.3	.3		.4	1.3	1.0	1.4	1.2	.8	1.5	.6	.2		85	85		
74/ 73			.1	.2	.3	.1		.4	1.3	1.5	1.1	1.2	1.5	.8	.5	.1		85	85		
72/ 71			.2	.4	.1	.2	.5	1.4	1.7	1.1	.4	1.6	.4	.6				82	82		
70/ 69			.4		.2	.3	.4	1.0	1.3	.9	.4	1.1	.8		.1			64	64	4	
68/ 67			.8	.3	.4	.4	.8	.6	.9	.3	1.1	1.1	.1					64	54	23	2
66/ 65		.2	.1	.3	.6	.5	1.0	.8	.3	.4	.9	.8	.3					58	58	25	6
64/ 63			.1	.1	.5	.4	.6	.4		.4	.5	.2	.1					33	33	27	14
62/ 61		.1	.2	.2	.8	.1	.1	.4	.4	.1	.5	.4						32	32	49	12
60/ 59			.1	.3	.4	.3	.2	.4	.1	.2	.6	.1						27	27	95	14
58/ 57		.1	.1	.2		.1	.2	.1	.2	.2	.2							14	14	127	12
56/ 55					.2	.3	.6			.1								12	12	119	24
54/ 53				.1	.1	.2				.2								5	0	117	19
52/ 51						.1												1	1	99	20
50/ 49		.1	.1	.1					.1									4	4	64	45
48/ 47		.4																4	4	53	74
46/ 45	.1																	1	1	53	75
44/ 43																				24	60
42/ 41																				16	64
40/ 39																				9	44
38/ 37																				3	44
36/ 35																				2	49
34/ 33																					32
32/ 31																					50
30/ 29																					43
28/ 27																					41
26/ 25																					37

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					32
22/ 21																					23
20/ 19																					22
18/ 17																					11
16/ 15																					12
14/ 13																					6
12/ 11																					7
10/ 9																					8
TOTAL	.1	1.0	2.3	2.4	4.1	3.5	4.9	7.0	9.0	9.6	10.6	13.1	8.8	9.5	6.5	4.3	3.9	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1249600	29934	32.2	17.549	930							
Dry Bulb	5055038	68140	73.3	8.202	930			73.6	52.6	22.6		93
Wet Bulb	2769136	50424	54.2	6.154	930			2.7				93
Dew Point	1519926	35912	38.6	11.928	930		30.0	.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70, 73-78 YEARS — OCT MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.2	6	9		
94/ 93																.1	1.9	12	19		
92/ 91												.1		.1	.3	1.1	4.0	52	52		
90/ 89											.1	.4	.1	.2	.9	1.0	5.4	81	81		
88/ 87											.1	.5	.8	1.2	1.4	1.0	4.3	79	79		
86/ 85											.8	.2	.4	1.2	1.2	1.3	4.3	89	89		
84/ 83									.1	.3	.4	.5	1.2	1.6	1.5	1.5	2.7	92	92		
82/ 81								.1	.1	.1	.5	.6	1.6	.6	1.8	1.3	1.1	76	76		
80/ 79							.3	.1	.4	.2	.5	1.4	1.8	1.2	1.3	1.4	.3	86	86		
78/ 77						.2	.2	.1		.4	1.5	2.4	1.3	.9	.6	.8		77	77		
76/ 75					.1	.1	.1	.3	.5	1.1	1.4	.4	.8	.2	.8			53	53		
74/ 73			.1	.1	.2		.2	.3	.8	.9	1.0	.1	.4	1.0				47	47		
72/ 71			.1	.3	.1	.1	.3	.4	.8	.9	.4	.2	.4	.9	.2			48	48		
70/ 69			.1	.2	.2	.2		.2	.4	.3	.1	.8	.6	.1	.1			32	32	5	1
68/ 67		.3			.2	.2	.4	.3	.4	.1	.1	.3	.6	.2				31	31	23	
66/ 65					.1	.3	.4	.3	.1	.2		.3	.3					20	20	10	5
64/ 63				.2	.2	.5		.4	.4			.2	.1					20	20	26	5
62/ 61					.2		.3	.1	.1			.1						6	6	68	9
60/ 59						.1	.1	.4			.1							7	7	100	5
58/ 57					.1		.1											2	2	153	13
56/ 55																				165	17
54/ 53				.2														2	2	123	20
52/ 51		.1	.2															3	3	95	22
50/ 49		.1																1	1	54	15
48/ 47																				48	47
46/ 45																				22	72
44/ 43																				9	70
42/ 41																				4	73
40/ 39																				3	59
38/ 37																					57
36/ 35																					59
34/ 33																					55
32/ 31																					68
30/ 29																					46

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GOVERNMENT PRINTING OFFICE: 1970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — OCT MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					40
26/ 25																					39
24/ 23																					31
22/ 21																					28
20/ 19																					26
18/ 17																					16
16/ 15																					9
12/ 11																					5
10/ 9																					7
TOTAL		.5	.5	1.1	1.5	1.8	2.6	3.2	4.2	4.5	7.1	8.7	10.5	9.4	9.0	10.3	24.4	930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	743668	22602	24.3	14.464	930							
Dry Bulb	6046837	74595	80.2	8.274	930			81.7	75.6	54.3	2.4	93
Wet Bulb	2907065	51765	55.7	5.266	930			2.8				93
Dew Point	1396301	34573	37.2	10.933	930		32.3	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																	.3	3	3		
96/ 95																	.5	5	5		
94/ 93																.2	3.1	31	31		
92/ 91													.3			.9	5.6	68	65		
90/ 89													1.2		1.0	1.7	7.1	102	102		
88/ 87												.5		.9	1.1	1.6	5.1	65	65		
86/ 85										.2	.1	.1	.5	.9	1.4	1.3	3.6	77	77		
84/ 83											.1	.4	.6	1.3	1.7	1.4	3.6	87	87		
82/ 81								.2	.4			1.0	1.0	1.6	2.2	1.8	1.9	96	96		
80/ 79							.2	.4	.4	.2	.6	.8	2.0	1.5	.6	.8	.5	77	77		
78/ 77						.2		.2	.2	.1	.8	1.6	2.0	.3	.3	1.3		66	66		
76/ 75					.1	.2		.1	.3	1.2	.2	1.0	.3	.3	.4			39	39		
74/ 73			.1	.2		.1		.6	.6	.4	1.0	.4	.3	1.1	.5	.1		52	52		
72/ 71			.3	.2			.1	.6	.4	.2	.3	.5	.6	.6	.5			44	44		
70/ 69		.2	.2		.4		.2	.2	.2	.8	.2	.1	.5	.5	.2			36	36	2	
68/ 67		.2			.1		.5	.4	.1	.2	.1	.1	.1	.2				20	20	27	5
66/ 65				.1	.2	.1	.1			.2			.2					9	9	25	6
64/ 63				.3		.2		.1	.2	.2			.2					12	12	19	4
62/ 61				.1		.1	.2	.3	.2									9	9	59	7
60/ 59		.1		.1		.2		.2										6	6	39	7
58/ 57			.1				.2											3	3	145	10
56/ 55				.1														1	1	171	17
54/ 53			.2															2	2	155	19
52/ 51			.1															1	1	94	14
50/ 49			.2															2	2	63	18
48/ 47																				48	22
46/ 45																				21	52
44/ 43																				7	73
42/ 41																				8	42
40/ 39																					61
38/ 37																					79
36/ 35																					66
34/ 33																					73
32/ 31																					66

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1970 / 762-810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					64
28/ 27																					51
26/ 25																					37
24/ 23																					31
22/ 21																					37
20/ 19																					30
18/ 17																					17
16/ 15																					7
14/ 13																					4
12/ 11																					7
10/ 9																					4
TOTAL	.5	1.3	1.2	.9	1.2	1.6	3.5	3.2	3.8	3.4	6.6	10.1	9.6	10.1	11.1	31.5	930	930	930	930	920

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	687551	21069	22.7	15.043	930							
Dry Bulb	6211818	75622	81.3	8.215	930			80.5	78.2	60.1	3.9	93
Wet Bulb	2885909	51593	55.5	5.053	930			2.9				93
Dew Point	1315034	33472	36.0	10.898	930		35.5	.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT 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
94/ 93																	.1	1	1		
92/ 91																	.2	2	2		
90/ 89												.1			.2		.7	11	11		
88/ 87											.1	.3			.8	.5	1.6	21	21		
86/ 85											.2	.1	.1	.0	.5	.6	.9	30	30		
84/ 83										.3	.1	.4	1.1	.9	1.5	1.1	1.2	61	61		
82/ 81									.5	.4	.2	.2	1.2	1.2	1.9	.9	.7	69	69		
80/ 79								.2	.1	.2	.8	1.3	1.4	1.7	1.9	.6	.5	32	82		
78/ 77				.1		.1	.3	.2	.3	.4	1.7	1.2	1.3	1.7	1.3	1.3	.2	97	97		
76/ 75					.1	.2	.1	.5	.2	1.2	.9	1.4	1.3	1.9	1.1	.2	.1	84	86		
74/ 73				.2	.1	.1	.2		.6	1.4	1.1	1.4	1.9	1.2	1.2			68	88		
72/ 71			.3	.1	.1	.1	.2	.2	1.2	1.8	1.0	1.0	1.4	.5				74	74	1	
70/ 69		.2	.9	.2	.1	.3	.1	.8	1.2	1.0	.6	1.1	1.2	.9				79	79	1	1
68/ 67		.5	.1	.2	.2	.5	.6	.6	.9	.4	.9	1.0	1.2	.1	.1			69	69	15	2
66/ 65			.1	.2	.3	.6	.5	.5	.4	.2	.3	1.0		.1				41	41	37	10
64/ 63			.1	.6	.3	.3	.1	.4	.6	.2	.5	.4	.3					38	38	12	10
62/ 61				.1	.2	.1	.2	.1	.3	.2	.8	.2						21	21	31	6
60/ 59		.2	.2	.4	.1	.1	.1	.3	.1	.3	.2	.1						21	21	59	6
58/ 57			.3			.1	.2				.2	.1						9	9	107	12
56/ 55					.2	.2					.1							5	5	132	29
54/ 53				.1	.3	.4												8	8	141	16
52/ 51				.2	.1													3	3	111	24
50/ 49		.3	.1															4	4	93	18
48/ 47																				70	31
46/ 45																				67	43
44/ 43																				33	66
42/ 41																				14	30
40/ 39																				7	69
38/ 37																				4	71
36/ 35																					53
34/ 33																					55
32/ 31																					66
30/ 29																					50
28/ 27																					38

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974-635-006

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					36
24/ 23																					43
22/ 21																					42
20/ 19																					36
18/ 17																					29
16/ 15																					11
14/ 13																					6
12/ 11																					4
10/ 9																					3
6/ 5																					3
4/ 3																					2
TOTAL		1.3	2.2	2.6	2.3	3.3	2.8	4.0	6.6	8.2	9.7	11.3	12.4	11.0	10.0	5.3	6.0	930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1065634	26782	28.8	17.801	930							
Dry Bulb	5162453	68903	74.1	7.866	930			70.0	55.8	23.4	.1	93
Wet Bulb	2684862	49670	53.4	5.874	930			1.7				93
Dew Point	1344012	33500	36.0	12.157	930		37.0	.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70, 73-76 YEARS — OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.1	.1						.1		3	3		
82/ 81									.2			.5	.1	.1	.3			12	12		
80/ 79								.3	.4	.1	.5	.2	.8	1.1	.1			33	33		
78/ 77							.3	.4	.1	.3	.9	.8	1.1	.4	.1	.1		42	42		
76/ 75							.5	.1	.3	.6	1.2	1.1	.5	.3	.2			46	46		
74/ 73					.1		.1	.2	1.1	.6	1.2	1.0	.5	.2	.3			53	53		
72/ 71			.1		.2	.2		.6	1.1	1.1	1.2	2.8	.8	.9	.1			84	84		
70/ 69		.1	.6	.8	.2	.1	.5	.9	1.2	1.2	1.2	.9	.3	.2	.1			77	77		
68/ 67		1.1	.2	.1		.8	.3	1.2	1.7	.9	2.0	1.1	.9	.2				97	97	12	1
66/ 65		.2	.5	.5	.8	1.0	1.1	1.2	1.0	1.6	1.9	1.3	.2	.1				106	106	25	15
64/ 63		.1		.4	.6	1.1	1.2	1.7	1.2	2.0	1.3	.5	.1					96	96	19	6
62/ 61		.2	.3	.5	.3	.1	.9	.8	1.0	1.7	1.7	.1	.2					73	73	19	8
60/ 59		.2	.6	.3	.4	.9	1.1	.4	1.0	1.2	.9	.1	.1					67	67	93	10
58/ 57			.5	.5	.2	.5	.4	.6	.4	.8	.2							40	40	74	27
56/ 55		.2	.2	.2		.2	.1	.5	.9	.9	.2							32	32	83	15
54/ 53		.1			.1	.4	.2	.2	1.2	.3								24	24	116	16
52/ 51			.1	.2	.3	.3	.1	.8	.1	.1								19	19	83	29
50/ 49			.4		.4			.2	.4									14	14	110	22
48/ 47		.3		.4	.1			.1	.1									10	10	78	45
46/ 45	.1																	1	1	90	43
44/ 43																				74	40
42/ 41																				52	35
40/ 39																				26	81
38/ 37																				26	53
36/ 35																				7	62
34/ 33																				5	45
32/ 31																					46
30/ 29																					46
28/ 27																					54
26/ 25																					34
24/ 23																					29
22/ 21																					35
20/ 19																					39
18/ 17																					31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | OCT MONTH

PAGE 2 | 2100-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					22
14/ 13																					14
12/ 11																					7
10/ 9																					8
8/ 7																					3
6/ 5																					5
2/ 1																					3
TOTAL	.1	2.6	3.8	4.1	3.9	5.6	6.9	10.3	13.5	13.6	14.4	10.3	5.6	3.9	1.3	.2			929		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1566007	33649	36.2	19.343	929							
Dry Bulb	4120292	61472	66.2	7.535	929			44.7	18.9	2.9		93
Wet Bulb	2419703	46969	50.6	6.965	929			1.2				93
Dew Point	1339708	33132	35.7	13.052	929		37.6	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — OCT MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																	.0	3	3		
96/ 95																	.1	10	10		
94/ 93																.0	.0	51	51		
92/ 91												.0	.0	.0	.0	.2	1.3	120	120		
90/ 89											.0	.1	.2	.0	.3	.4	1.7	201	201		
88/ 87											.0	.2	.1	.3	.4	.4	1.4	210	210		
86/ 85									.0	.0	.2	.1	.2	.4	.5	.5	1.2	240	240		
84/ 83									.1	.1	.1	.3	.4	.6	.7	.6	1.0	297	297		
82/ 81								.0	.2	.2	.1	.5	.7	.6	.9	.6	.6	331	331		
80/ 79							.1	.2	.3	.1	.5	.7	.9	.9	.6	.4	.2	374	374		
78/ 77					.0	.1	.1	.2	.1	.3	.8	1.0	.9	.5	.5	.5	.0	365	335		
76/ 75					.1	.1	.2	.2	.4	.8	.8	.8	.5	.6	.4	.1	.0	374	374		
74/ 73			.0	.1	.2	.2	.2	.2	.8	.8	.8	.6	.6	.6	.4	.0		417	417		
72/ 71			.1	.2	.2	.2	.2	.6	1.1	1.0	.6	.9	.5	.5	.1			457	457	1	
70/ 69		.1	.4	.2	.3	.2	.3	.9	1.0	.9	.6	.6	.5	.3	.1			468	468	12	2
68/ 67		.5	.4	.2	.2	.5	.7	.9	1.0	.6	.8	.6	.5	.1	.0			518	518	112	10
66/ 65		.3	.3	.3	.3	.6	.9	1.1	.5	.9	.7	.6	.1	.0				490	490	196	66
64/ 63		.1	.1	.3	.4	.9	.7	1.0	.8	.8	.6	.3	.1					466	466	170	68
62/ 61		.2	.2	.3	.4	.5	.9	.6	.8	.8	.8	.2	.0					423	423	280	77
60/ 59		.3	.3	.4	.5	.9	.6	.6	1.0	.6	.3	.1	.0					410	410	447	90
58/ 57		.1	.3	.3	.2	.7	.4	.7	.6	.6	.1	.1						313	313	738	125
56/ 55		.2	.1	.2	.4	.4	.4	.5	.6	.2	.1	.0						240	240	911	166
54/ 53		.2	.3	.1	.4	.3	.3	.4	.4	.1	.0							180	180	946	138
52/ 51		.1	.3	.3	.2	.2	.3	.4	.2	.1								153	153	719	161
50/ 49		.2	.3	.1	.2	.1	.1	.4	.2									120	120	672	202
48/ 47		.1	.0	.2	.2	.2	.3	.1	.0									93	93	585	355
46/ 45	.0	.1		.1	.1	.0	.2	.1										45	45	484	465
44/ 43		.1	.0	.0	.1	.0	.2	.0										28	28	393	483
42/ 41		.0	.1	.0		.0	.1											16	16	301	437
40/ 39		.0				.1												5	5	173	559
38/ 37						.0												1	1	144	468
36/ 35																				63	376
34/ 33																				36	407
32/ 31																				26	423

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																				3	371
28/ 27																				11	348
26/ 25																					307
24/ 23																					276
22/ 21																					284
20/ 19																					240
18/ 17																					175
16/ 15																					120
14/ 13																					89
12/ 11																					48
10/ 9																					62
8/ 7																					16
6/ 5																					17
4/ 3																					2
2/ 1																					6
0/ -1																					2
TOTAL	.0	2.5	3.2	3.2	4.3	6.3	7.3	9.2	10.0	9.1	8.0	7.6	6.4	5.6	4.>	3.9	8.3	7439		7439	7439
																		7439		7439	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11505489	253683	34.1	19.590	7439							
Dry Bulb	37251189	519787	69.9	11.194	7439			445.7	301.3	164.9	0.4	744
Wet Bulb	2047777	386707	52.0	7.113	7439		3.0	12.5				744
Dew Point	11035183	271661	36.5	12.241	7439	.2	278.6	1.2				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — JUL MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
70/ 69							.2							.1				3	3		
68/ 67						.2	.2		.1	.1		.2						6	6		
66/ 65						.3			.6	.2	.2		.3					15	15		
64/ 63						.6	.4	.6	.2	.1	.4	.2						23	23		
62/ 61					.2	.1	.9	.4	1.2	.6	.2	.1						34	34		
60/ 59					.2	.4	1.2	1.6	1.4	1.3	1.0	.4						69	69		
58/ 57		.1		1.0	.1	1.1	.6	1.6	1.3	1.8	.8							75	75	5	
56/ 55		.7	.2	.7	.6	1.6	1.7	1.1	1.9	1.7	.1							93	93	6	2
54/ 53		1.1	.6	.7	1.4	2.4	1.4	2.6	2.1	.4								115	115	21	7
52/ 51		.2	1.4	1.2	2.1	2.4	.9	2.4	2.3									113	113	28	5
50/ 49		.2	1.7	1.0	1.2	1.8	.7	1.9	.4									80	80	42	10
48/ 47		1.0	2.0	.6	1.4	.2	1.3	1.4	.2									74	74	61	22
46/ 45		1.8	.3	1.0	.9	1.1	1.2	1.4										70	70	115	25
44/ 43		1.6	.6	.8	.6	.6	1.0	.4										49	49	132	35
42/ 41		1.0	.3	.2	.3	.3	.2											22	22	113	40
40/ 39	.1	1.0		.4	.9													22	22	112	66
38/ 37		.2	.3	.2	.2													9	9	103	46
36/ 35		.7	.3	.1														10	10	71	62
34/ 33	.2	.1	.2	.1														6	6	45	51
32/ 31			.4	.1														5	5	37	48
30/ 29																				6	69
28/ 27																				4	45
26/ 25																					37
24/ 23																					42
22/ 21																					33
20/ 19																					66
18/ 17																					37
16/ 15																					47
14/ 13																					36
12/ 11																					34
10/ 9																					14
8/ 7																					18
6/ 5																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

PAGE 2 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.3	9.7	8.4	8.1	10.4	13.2	12.0	15.4	11.9	5.2	2.6	1.0	.3	.1				900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2348622	41413	46.0	22.188	900							
Dry Bulb	2468309	46729	51.9	6.842	900		.5	1.1				90
Wet Bulb	1595913	37565	41.7	5.580	900		4.7					90
Dew Point	868928	26088	29.0	11.198	900		52.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — UV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
70/ 69														.1				1	1		
68/ 67						.1			.1	.1								3	3		
66/ 65					.2	.2		.1			.2							7	7		
64/ 63					.3	.2	.6	.3	.2	.1	.1	.3						20	20		
62/ 61					.2	.4	.6	.3	.7	.1	.2							23	23		
60/ 59					.2	.3	.6	1.1	1.1	.4	.2	.1						37	37		
58/ 57		.2	.2	.6	.7	.9	.9	.9	1.7	1.7	.7							75	75	5	
56/ 55		.3	.2	.7	.4	1.1	1.8	1.8	1.8	1.1	.6							83	88	6	
54/ 53	.1	.3	.8	.1	1.3	1.2	2.0	1.8	1.8	.8								92	92	14	6
52/ 51		.7	1.0	1.1	1.4	2.3	1.3	2.2	1.6									105	105	26	4
50/ 49	.1	.1	2.1	1.1	3.1	1.0	1.1	2.8	.7									109	109	38	14
48/ 47	.2	.3	1.3	1.6	2.0	.7	1.4	1.1	.2									80	80	47	12
46/ 45	.1	1.4	1.1	1.1	1.3	1.6	2.3	.6										86	96	92	26
44/ 43		2.1	.8	.7	.8	.6	.9	.6										57	57	103	29
42/ 41		1.3	.4	.7	.4	.4	.6	.1										36	36	141	39
40/ 39		1.2	.4	.2	.3	.9	.2											30	30	118	59
38/ 37		.8	.3	.9	.4													22	22	102	55
36/ 35		.2	.7	.3														11	11	91	54
34/ 33	.3	.3	.4	.1														11	11	53	57
32/ 31			.3	.2														5	5	41	58
30/ 29		.1	.1															2	2	17	69
28/ 27																				8	43
25/ 25																					41
24/ 23																					41
22/ 21																					49
20/ 19																					54
18/ 17																					31
16/ 15																					50
14/ 13																					43
12/ 11																					27
10/ 9																					20
8/ 7																					9
6/ 5																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1973 — 746-801/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — UV MONTH

PAGE 4 — 0300-0,00 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.9	9.6	10.3	9.3	13.3	12.0	14.2	13.7	9.8	4.3	2.0	.4		.1				900	900	900	900

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2509880	43228	48.0	21.961	900							
Dry Bulb	2313498	45206	50.2	6.904	900		.7	.4				90
Wet Bulb	1528124	36732	40.8	5.677	900		6.6					90
Dew Point	849004	25632	28.7	10.939	900		54.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3 4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65						.4		.3				.1	.1					9	9		
64/ 63				.2	.2	.2		.4		.2	.4	.2						18	18		
62/ 61					.1	.7	.3	.2	.8	.6	.2	.1						27	27		
60/ 59			.1	.2	.1	.6	.4	1.2	.7	.3	.8	.1						41	41		
58/ 57		.1	.2	.4	.4	1.0	1.1	1.4	1.7	1.1	.6							73	73	3	
56/ 55		.3	.4	.7	1.2	1.7	2.2	2.1	1.8	.8	.3							104	104	9	
54/ 53		.2	.2	.6	1.1	2.0	1.7	1.7	1.7	.4								86	86	10	6
52/ 51		.7	.8	.7	1.3	1.7	2.1	2.0	1.6	.2								99	99	23	6
50/ 49	.1	1.0	1.2	1.2	1.8	1.2	1.7	1.7	.6									94	94	38	10
48/ 47	.1	.7	1.6	.8	1.9	1.0	1.3	1.7	.2									83	83	56	22
46/ 45	.3	.7	1.9	1.3	1.4	.8	1.7	.9										81	81	65	23
44/ 43		1.4	1.0	.8	.6	1.1	1.1	.2										56	56	110	25
42/ 41		1.1	.9	.4	.4	.9	.9											42	42	142	38
40/ 39	.1	.8	.8	.4	.7	.6	.1											31	31	113	50
38/ 37		.8	.4	.6	.3	.1												20	20	102	54
36/ 35		.6	.7	.3	.2													16	16	80	56
34/ 33		.3	.2	.2														7	7	50	57
32/ 31		.3	.3	.1														7	7	47	79
30/ 29	.1		.2															3	3	20	54
28/ 27																				8	37
26/ 25																				1	47
24/ 23																					57
22/ 21																					48
20/ 19																					47
18/ 17																					33
16/ 15																					53
14/ 13																					28
12/ 11																					25
10/ 9																					19
8/ 7																					17
6/ 5																					7
TOTAL	.8	9.0	11.0	9.0	11.9	13.9	14.7	13.9	8.9	3.7	2.3	.0	.1					897	697	897	697

Element (Y)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2487910	43018	48.0	21.776	897							
Dry Bulb	2306611	45049	50.2	7.021	897		1.0					90
Wet Bulb	1522622	36596	40.8	5.745	897		7.6					90
Dew Point	844868	25748	28.7	10.866	897		55.2					90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 — 640-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70, 73-78 YEARS — NOV MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83																.1		1	1		
82/ 81																.2	.2	4	4		
80/ 79										.1			.1	.1	.1		.1	5	5		
78/ 77										.2		.2	.3	.1	.3	.4	.2	17	17		
76/ 75									.1			.1	.6	.4	.6			16	16		
74/ 73								.1	.1	.1	.3	.4	.7	.7	.7	.1		29	29		
72/ 71							.1	.1	.2	.6	1.2	1.3	2.1	1.0	.3			83	83		
70/ 69							.2	.1	.3	1.0	1.8	1.6	1.2	.9				64	64		
68/ 67						.3	.4	.3	1.1	2.0	1.9	1.0	1.3	.7				82	82		
66/ 65					.1	.3	.6	.6	1.2	2.0	1.1	1.4	.9					74	74		
64/ 63			.1	.1		.2	.6	1.3	1.3	2.8	1.3	.8	.2					79	79		
62/ 61			.1	.2	.6	1.2	1.7	1.4	1.3	.8	1.4	.8						86	86	1	
60/ 59		.1		.6	.3	1.1	1.0	1.2	1.6	1.0	.8	.2						71	71	7	
58/ 57		.1	.2	.6	.9	1.3	1.6	.9	1.0	1.0	.3							71	71	15	1
56/ 55		.1	.8	.7	1.6	.6	.7	.8	.6	.5	.2							62	62	25	4
54/ 53		.3	.4	.8	1.2	.9	.4	.6	.4	.2								50	50	45	2
52/ 51		.1	.6	1.2	.4	.3	.6	.2	.3									34	34	34	9
50/ 49		.1	.7	.2	.2	.4	.4	.3	.2									24	24	139	23
48/ 47			.6	.8	.2	.3	.1											18	18	159	20
46/ 45		.2	.7	.3	.6	.3												19	19	133	21
44/ 43		.2	.3	.2	.4		.2											13	13	103	27
42/ 41			.1	.1	.1	.2	.1											6	6	58	50
40/ 39		.1	.1		.1													3	3	56	57
38/ 37	.1	.2			.1	.1												5	5	23	57
36/ 35				.1														1	1	16	63
34/ 33																				3	76
32/ 31																				4	51
30/ 29																				4	51
28/ 27																					52
26/ 25																					57
24/ 23																					50
22/ 21																					33
20/ 19																					
18/ 17																					44

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					32
14/ 13																					26
12/ 11																					15
10/ 9																					13
8/ 7																					6
TOTAL	.1	1.7	4.7	5.9	6.9	7.8	8.7	8.2	10.1	12.6	10.5	7.9	7.5	3.9	2.0	.9	.6	897	897	897	897

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1468895	31825	35.5	19.473	897							
Dry Bulb	3479750	55356	61.7	8.425	897			28.2	7.2	.7		90
Wet Bulb	1965809	41747	46.5	5.053	897		.8					90
Dew Point	937134	27426	30.6	10.489	897		48.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 67																	.2	2	2		
86/ 85														.1		.1	.0	9	9		
84/ 83												.2	.2	.1	.2	.1	2.1	27	27		
82/ 81												.2		.1	.6	.7	1.7	29	29		
80/ 79											.3	.2	.3	1.3	1.6	1.3	.5	53	53		
78/ 77												.7	.6	2.0	1.8	1.9	.3	70	70		
76/ 75									.1	.1	.6	1.2	2.2	2.6	3.5	1.1		101	101		
74/ 73								.1	.4	.4	1.6	.9	2.5	1.8	2.1			88	88		
72/ 71								.2	.1	.7	1.7	2.5	1.7	1.7	.7			82	82		
70/ 69						.2	.2	.3	.7	.8	1.6	1.2	1.2	.6	.1			62	62		
68/ 67						.4	.3	.6	1.5	.7	1.7	.7	1.3	.7				70	70		
66/ 65					.1	.1	.3	1.5	1.2	.7	1.0	1.0	.7					59	59		
64/ 63				.1	.1	.1	1.3	1.5	.8	.7	.2	1.1	.1					54	54		
62/ 61				.3	.3	1.1	1.0	.7	.3	.2	.2							36	36	3	
60/ 59		.3	.1	.1	.3	.3	.9		.1	.1	.8	.1						29	29	15	
58/ 57		.1	.2	.1	.2	.6	.2	.2	.6		.1							21	21	24	2
56/ 55			.3	.6	.4	.6	.1	.8	.1	.1								27	26	47	4
54/ 53			.2	.3	.3	.2	.3	.4	.2	.2								21	21	32	2
52/ 51		.1	.2	.0	.6	1.0	.1	.1	.1									25	25	100	6
50/ 49			.1	.2	.1	.4		.2	.1									11	11	120	14
48/ 47		.2	.2	.1	.2	.2	.1	.2										12	12	146	18
46/ 45					.1			.1	.1									3	3	73	24
44/ 43			.1				.1											2	2	62	30
42/ 41		.1																1	1	41	33
40/ 39																				15	63
38/ 37																				6	55
36/ 35																				6	48
34/ 33																				1	53
32/ 31																				2	59
30/ 29																				1	78
28/ 27																					61
26/ 25																					53
24/ 23																					57
22/ 21																					52

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					47
18/ 17																					56
16/ 15																					32
14/ 13																					21
12/ 11																					14
10/ 9																					8
6/ 5																					1
2/ 1																					1
TOTAL		.9	1.6	2.5	2.9	5.4	5.1	6.9	6.5	4.7	9.7	10.0	10.8	11.5	10.4	5.2	5.3	896	897	896	896

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	902894	24166	27.0	16.750	896							
Dry Bulb	4371520	62100	69.2	8.982	897			59.5	38.0	9.3		90
Wet Bulb	2180589	44011	49.1	4.582	896		.3					90
Dew Point	891057	26789	29.9	10.034	896		54.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																	.3	3	3		
86/ 85																.1	1.6	17	17		
84/ 83													.1	.3	.4	.6	1.2	25	25		
82/ 81												.3		.4	.3	1.2	2.9	44	44		
80/ 79											.1	.1	.3	1.3	1.3	3.7	.5	60	59		
78/ 77												1.1	.3	2.9	2.2	2.5	.3	59	86		
76/ 75										.1	.2	1.1	2.5	3.3	2.9	1.1		101	101		
74/ 73									.2	.4	1.2	1.1	1.3	1.9	1.2	.2		69	69		
72/ 71									.3	.7	.4	2.0	2.3	1.0	.6			66	66		
70/ 69						.2	.6	.8	.9	2.0	.6	.7	.7	.4	.1			62	62		
68/ 67						.2	.2	.2	2.0	1.2	.6	1.3	2.0	.6				75	75		
66/ 65						.1	.2	.7	.9	.8	.6	1.2	.3					43	43		
64/ 63						.6	.9	1.1	1.0	.3	.9	.9	.1					52	52		
62/ 61				.3		.4	.9	.6	.1	.1		.3						25	25	1	
60/ 59		.6	.1	.2	.3	.7	.9	.2		.2	.4	.3						36	36	10	
58/ 57		.1	.4	.1	1.2	.2	.3	.1	.6	.1								29	29	20	5
56/ 55		.1	.3	.1	.1	.3	.2	.6	.2	.2	.1							21	21	28	1
54/ 53				.7	1.1	.3	.1	.6	.7									31	92	1	
52/ 51				.2	.1	.6	.2	.3	.2									15	15	182	9
50/ 49		.3	.1	.1		.2												7	7	139	13
48/ 47		.1		.4		.4												9	9	149	16
46/ 45		.2				.1		.3										6	6	66	17
44/ 43		.3																3	3	29	25
42/ 41		.1																1	1	35	48
40/ 39																				19	54
38/ 37																				14	60
36/ 35																					47
34/ 33																					50
32/ 31																				3	52
30/ 29																					50
28/ 27																					57
26/ 25																					73
24/ 23																					64
22/ 21																					52

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					61
18/ 17																					54
16/ 15																					33
14/ 13																					16
12/ 11																					15
10/ 9																					8
8/ 7																					2
6/ 5																					2
TOTAL		1.9	1.0	2.2	2.9	4.5	4.6	5.5	7.1	6.2	5.1	10.6	10.0	12.3	9.1	9.4	7.5	897	897	897	897

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	890532	23494	26.2	17.525	897							
Dry Bulb	4468596	62768	70.0	9.233	897			62.1	41.7	12.1		90
Wet Bulb	2186766	44112	49.2	4.414	897		.3					90
Dew Point	866193	26377	29.4	10.053	897		55.3					90

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

U.S. GOVERNMENT PRINTING OFFICE: 1966 — 205-202/20

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

PAGE 1 — 1800-2100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81																	.1	1	1		
80/ 79																.1	.2	3	3		
78/ 77											.1				.2	.2		5	5		
76/ 75										.1	.1	.4	.3	.4	.4	.3		20	20		
74/ 73									.1		.4	.9	1.0	1.0	.9	.2		41	41		
72/ 71								.2		.7	1.0	1.0	.9	1.3	.6			51	51		
70/ 69								.1	.4	.7	1.4	1.6	2.0	.7				64	64		
68/ 67						.1		.2	1.4	1.8	1.8	1.7	2.3	.3				37	37		
66/ 65					.1	.3	.8	.7	1.1	1.0	1.9	1.8	.4					73	73		
64/ 63				.1	.3	.7	.9	1.9	1.7	2.1	1.9	1.1	.7					102	102		
62/ 61				.2	.6	.3	1.8	1.3	.9	1.1	1.4	.9						77	77		
60/ 59		.1	.4	.3	.7	1.0	1.0	1.7	1.1	2.0	1.1	.2						87	87	2	
58/ 57		.2	.1	.3	.6	1.1	.9	1.2	.6	1.2	.7							62	62	11	3
56/ 55		.4	.4	.1	1.8	.8	.3	.4	1.0	.6								53	53	20	
54/ 53		.4	.3	.8	.9	.1	1.0	.4	.4	.1								41	41	55	3
52/ 51		.4	.9	1.2	.4	.9	.6	.3	.4									47	47	73	14
50/ 49		.2	.4	.9	.2	.8	.4	.3	.2									32	32	142	17
48/ 47		.1	.1	.8	.6	.1		.2										17	17	135	22
46/ 45		.4	.2	.2	.4	.2	.1											15	15	159	16
44/ 43		.3	.1	.3	.1	.2	.2											12	12	109	29
42/ 41		.3		.2	.4													9	9	79	47
40/ 39					.1													1	1	61	72
38/ 37																				26	57
36/ 35																				13	42
34/ 33																				7	45
32/ 31																				3	62
30/ 29																					66
28/ 27																					44
26/ 25																					46
24/ 23																					56
22/ 21																					49
20/ 19																					57
18/ 17																					45
16/ 15																					37

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					30
12/ 11																					25
10/ 9																					9
8/ 7																					2
6/ 5																					1
TOTAL		3.1	3.1	5.6	7.2	6.7	8.0	9.1	9.4	11.3	11.9	9.8	7.7	3.8	2.1	.9	.3		900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1448080	31328	34.8	19.944	900							
Dry Bulb	3479359	55501	61.7	7.944	900			27.2	7.0	.2		90
Wet Bulb	1950592	41678	46.3	4.779	900		.3					90
Dew Point	906756	26924	29.9	10.618	900		53.1					90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71								.1					.1					?	2		
70/ 69								.3	.2			.1	.1	.1				?	4		
68/ 67							.1			.7	.2	.3	.1					13	13		
66/ 65						.1	.1	.4	.3	.8	.4	.7	.2					2?	28		
64/ 63					.1	.6	.2	1.2	.8	1.7	.7	.9	.1					5?	56		
62/ 61					.3	.2	1.3	1.4	2.6	1.2	1.2	.9						83	83		
60/ 59				.3	.8	.4	1.4	.7	1.4	1.9	1.3	.1						75	76		
58/ 57	.1	.1	.2	.4	.4	.7	1.7	1.8	1.9	2.1	1.1							95	95	4	2
56/ 55	.1	.7	1.2	.2	.6	2.0	1.3	1.0	2.8	1.6	.2							105	105	4	1
54/ 53	.2	.8	.4	1.9	1.7	2.1	1.2	1.2	2.4	.6								113	113	31	7
52/ 51		.1	.9	1.0	1.2	1.3	.3	1.9	1.1	.4								75	75	54	6
50/ 49		.4	1.2	1.0	.7	1.1	.7	1.4	.7									65	65	63	16
48/ 47		.8	2.0	.7	.6	1.6	.7	1.3	.4									72	72	104	17
46/ 45		.9	.6	.8	.3	.4	.7	.2										35	35	120	33
44/ 43		.8	.6	.3	.4	.6	.2											26	26	123	20
42/ 41		.9		.3	.7	.3												2?	29	124	49
40/ 39		.2	.4	.4	.3													13	13	109	53
38/ 37		.2	.3	.3														8	8	90	64
36/ 35	.1	.1	.1															3	3	50	50
34/ 33			.2	.1														3	3	34	43
32/ 31			.1															1	1	13	65
30/ 29																				3	61
28/ 27																				1	33
26/ 25																					44
24/ 23																					40
22/ 21																					48
20/ 19																					62
18/ 17																					46
16/ 15																					45
14/ 13																					31
12/ 11																					23
10/ 9																					23
8/ 7																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.6	6.0	8.3	7.9	8.1	11.4	10.0	13.1	14.7	10.9	5.2	3.0	.7	.1			900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	2073259	38561	42.8	21.643	900							
Dry Bulb	2717327	49065	54.5	6.873	900		.1	2.3				90
Wet Bulb	1695731	38767	43.1	5.364	900		1.7					90
Dew Point	887389	26437	29.4	11.103	900		53.1					90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 / 762-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																	.1	5	5		
86/ 85														.0		.0	.3	26	26		
84/ 83												.0	.0	.1	.1	.1	.4	53	53		
82/ 81												.1		.1	.1	.3	.6	78	78		
80/ 79										.0	.1	.0	.1	.3	.4	.6	.2	130	130		
78/ 77										.0	.0	.3	.2	.7	.6	.6	.2	130	130		
76/ 75									.0	.0	.1	.4	.7	.8	.9	.3		238	238		
74/ 73								.0	.1	.1	.4	.4	.7	.7	.5	.1		227	227		
72/ 71							.0	.1	.1	.3	.5	.8	.9	.8	.3			264	264		
70/ 69						.1	.2	.2	.3	.6	.7	.7	.7	.4	.0			264	264		
68/ 67						.2	.2	.2	.8	.8	.8	.7	.9	.3				338	338		
66/ 65					.1	.3	.3	.5	.7	.7	.7	.8	.4					308	308		
64/ 63			.0	.1	.1	.4	.6	1.0	.8	1.0	.8	.7	.2					404	404		
62/ 61			.0	.1	.3	.6	1.1	.8	1.0	.6	.6	.4						393	393	5	
60/ 59		.1	.1	.2	.4	.6	.9	1.0	.9	.9	.8	.2						446	446	54	
58/ 57	.0	.1	.2	.4	.6	.9	.9	1.0	1.2	1.1	.5							501	501	89	13
56/ 55	.0	.3	.5	.5	.9	1.1	1.0	1.1	1.3	.8	.2							553	554	170	12
54/ 53	.0	.4	.4	.7	1.1	1.2	1.0	1.2	1.2	.3								549	549	349	30
52/ 51		.3	.7	.9	1.0	1.3	.8	1.2	1.0	.1								518	518	647	61
50/ 49	.0	.3	.9	.7	.9	.9	.6	1.1	.4									422	422	838	119
48/ 47	.0	.4	1.0	.7	.9	.6	.6	.8	.1									365	365	857	155
46/ 45	.1	.7	.6	.6	.6	.6	.8	.4	.0									315	315	843	187
44/ 43		.8	.4	.4	.4	.4	.5	.2										218	218	801	226
42/ 41		.6	.2	.3	.3	.3	.2	.0										137	137	743	344
40/ 39	.0	.4	.2	.2	.3	.2	.0											100	100	595	474
38/ 37	.0	.3	.2	.3	.1	.0												64	64	473	446
36/ 35	.0	.2	.2	.1	.0													41	41	327	422
34/ 33	.1	.1	.1	.1														27	27	193	432
32/ 31		.0	.2	.1														18	18	151	474
30/ 29	.0	.0	.0															5	5	81	498
28/ 27																				21	372
26/ 25																				1	400
24/ 23																					406
22/ 21																					374

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — JUL MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					445
18/ 17																					348
16/ 15																					329
14/ 13																					233
12/ 11																					176
10/ 9																					114
8/ 7																					64
6/ 5																					22
2/ 1																					1
TOTAL	.3	5.2	6.1	6.3	8.0	9.4	9.7	10.7	9.8	7.5	6.2	5.4	4.6	4.0	2.4	2.0	1.4	7187	7188	7187	7187

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum	14130072	277038	38.5	21.915	7187							
Dry Bulb	25604966	421774	58.7	10.915	7188		2.3	180.6	93.9	22.6		720
Wet Bulb	14625146	321208	44.7	6.134	7187		22.3					720
Dew Point	7051329	211621	29.4	10.683	7187		426.6					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65										.1								1	1		
62/ 61									.1									1	1		
60/ 59				.3	.2			.3	.1									9	9		
58/ 57		.3		.2	.3	.2		.3	.4	.3								20	20		
56/ 55			.1	.1	.6	.4	1.0	.6	.9	.1	.1							37	37	3	
54/ 53	.3	.8	.4	.2	.6	.4	.8	1.0	.4	.4	.2							52	52	9	7
52/ 51	.3	1.0	1.0	.4	.4	1.8	1.2	1.4	1.7	.3								69	69	15	6
50/ 49		1.2	.6	1.2	.6	2.4	1.5	1.9	.4	.1								83	83	23	9
48/ 47		1.4	.4	1.0	1.2	1.7	2.0	1.0	.4									85	85	50	20
46/ 45		.4	1.5	.8	1.2	2.2	2.3	.5	.1									93	93	57	22
44/ 43		1.3	1.5	1.4	2.6	2.2	.9	.3										94	94	93	14
42/ 41		1.6	2.4	1.6	2.7	2.3	.5	.1										104	104	80	21
40/ 39	.1	3.1	1.6	1.8	1.8	1.6	.1											95	95	113	32
38/ 37	.3	1.9	1.0	1.5	1.3	.9												64	64	129	40
36/ 35	.2	1.4	.8	1.0	.2	.2												35	35	148	57
34/ 33	.2	1.0	.2	1.8	.6	.1												37	33	113	51
32/ 31		.2	.2	.4	.4													12	12	72	58
30/ 29	.2	.1	.1	.3														7	7	56	55
28/ 27				.2														2	2	24	57
26/ 25		.1	.3	.1														5	5	7	70
24/ 23		.2	.1															3	3	8	46
22/ 21																				7	69
20/ 19																					60
18/ 17																					52
16/ 15																					42
14/ 13																					34
12/ 11																					37
10/ 9																					11
8/ 7																					15
6/ 5																					2
4/ 3																					8
2/ 1																					7
TOTAL	1.7	16.1	12.3	14.4	15.0	16.4	10.2	7.5	4.6	1.4	.3							92[illegible]	929	92[illegible]	926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3155709	50073	54.0	22.127	928							
Dry Bulb	1905205	41591	44.8	6.822	929		2.9					93
Wet Bulb	1334334	34744	37.4	6.014	928		17.4					93
Dew Point	782330	25046	27.0	10.711	928		54.8					93

FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61					.2	.1	.1											4	4		
60/ 59					.1	.1				.1	.1	.1						5	5		
58/ 57		.3								.1								4	4		
56/ 55			.1	.2	.1	.1	.3		.4	.2	.1							15	15	3	
54/ 53	.2	.5	.2	.2	.2	.8	1.3	.6	.8	.2	.2							49	49	8	7
52/ 51	.2	.9	1.2	.4	.4	1.4	1.4	1.1	1.2									76	76	10	6
50/ 49	.1	1.4	.6	.5	.8	1.4	2.4	1.0	.9	.2								86	86	19	9
48/ 47	.2	1.2	.3	.8	1.2	1.7	1.5	.8	.3	.1								75	75	30	21
46/ 45		1.2	1.8	1.0	1.3	2.9	1.3	.4	.2									94	94	23	16
44/ 43	.1	1.1	.8	.6	3.2	2.1	.4	.1										78	78	34	25
42/ 41		.9	2.2	2.6	3.1	2.2	.8											108	108	64	16
40/ 39	.3	3.3	2.4	1.7	2.1	2.5	.1											115	116	88	27
38/ 37	.2	1.9	1.5	1.7	1.6	1.2												76	76	128	31
36/ 35	.1	1.3	1.1	2.2	.3	.2												48	48	168	42
34/ 33	.1	1.2	.3	1.6	.2	.4												36	36	100	54
32/ 31		1.1	.8	1.2	.1													29	30	93	61
30/ 29	.1	.4	.2	.1	.2													10	10	70	59
28/ 27	.1		.5															6	6	31	68
26/ 25			.4	.1														5	5	17	76
24/ 23		.3	.2															5	5	9	61
22/ 21			.2															2	2	9	53
20/ 19																				2	83
18/ 17																					51
16/ 15																					41
14/ 13																					53
12/ 11																					41
10/ 9																					14
8/ 7																					16
6/ 5																					5
4/ 3																					4
2/ 1																					4
0/ -1																					2
TOTAL	1.8	17.1	14.9	15.0	15.2	17.1	9.6	4.0	3.8	1.0	.4	.1						926	930	926	926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3308032	51462	55.6	22.009	926
Dry Bulb	1787583	40269	43.3	6.877	930
Wet Bulb	1267352	33792	36.5	6.080	926
Dew Point	753182	24526	26.5	10.582	926

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		5.6					93
Wet Bulb		23.2					93
Dew Point	.2	67.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — DEC MONTH

 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
64/ 63					.1													1	1		
62/ 61					.2													2	2		
60/ 59						.1			.1			.1						3	3		
58/ 57			.2		.1			.1	.3		.2							4	9		
56/ 55			.1	.5			.3	.3	.1	.1	.2							15	16	2	
54/ 53	.3	.4		.5	.1	.2	.8	.9	.7	.1	.1							38	38	8	5
52/ 51	.1	.7	.9	.3	.4	1.3	1.3	1.0	.9	.1								64	64	6	6
50/ 49		2.0	.8	.4	.9	1.5	1.8	1.3	.9									88	88	19	6
48/ 47	.3	.8	.4	.9	1.2	1.7	1.7	.7	.2	.1								74	74	30	21
46/ 45	.1	1.7	1.8	1.5	1.1	2.9	1.5	.9										107	107	20	17
44/ 43		1.0	1.1	1.6	2.8	2.0	1.2	.2										91	91	41	29
42/ 41		1.4	2.2	.8	2.9	1.4	1.1	.1										91	91	60	14
40/ 39	.2	1.8	1.8	2.0	1.4	1.5	.5	.1										87	88	90	24
38/ 37	.1	1.7	2.0	2.1	1.4	.4												71	72	112	36
36/ 35		1.7	2.2	1.4	1.4	.4												66	68	145	36
34/ 33	.2	1.2	1.3	1.5	.4	.2												45	45	111	45
32/ 31	.1	1.3	1.0	1.4	.1													36	38	111	60
30/ 29		.4	.4	.3	.1													12	12	59	68
28/ 27	.1	.1	.3	.1														6	6	51	54
26/ 25		.1	.4	.1														5	6	16	65
24/ 23	.1	.3	.2															6	6	9	84
22/ 21			.4															4	4	7	66
20/ 19																				5	63
18/ 17																				1	60
16/ 15																					44
14/ 13																					30
12/ 11																					37
10/ 9																					24
8/ 7																					16
6/ 5																					3
4/ 3																					4
2/ 1																					2
0/ -1																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.7	16.7	17.6	15.5	14.7	13.8	10.3	5.5	3.1	.4	.5	.1						923	929	923	923

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3317769	51511	55,8	21,921	923							
Dry Bulb	1749573	39779	42,8	7,061	929		7,2					93
Wet Bulb	1239841	33345	36,1	6,178	923		26,1					93
Dew Point	733427	24147	26,2	10,503	923	.4	68,9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75																.1		1	1		
74/ 73														.1				1	1		
72/ 71												.2	.2	.2				6	6		
70/ 69											.1	.2	.4	.2				9	9		
68/ 67										.4	.4	1.0	.3	.2				22	22		
66/ 65							.1		.1	.5	.4	.4	.4					19	19		
64/ 63						.2	.1	.2	1.0	1.6	1.3	.3	.2					46	46		
62/ 61					.1	.1	.2	.9	1.6	1.1	1.9							55	55		
60/ 59					.2	.4	.9	.4	1.6	1.3	.9	.4						57	57		
58/ 57				.3	.5	.6	1.3	1.8	1.7	1.7	.8							82	82		
56/ 55		.8	.9	.8	.6	1.4	.9	1.9	1.9	.9	.1							94	94	1	
54/ 53	.3	.5	.8	.3	1.1	1.2	.9	1.8	1.1	.4	.2							80	80	17	10
52/ 51		.4	1.4	1.4	1.8	1.4	1.8	1.5	1.0	.4								104	104	23	4
50/ 49	.1	1.3	.6	1.1	1.5	1.5	1.6	1.2	.3									66	86	46	8
48/ 47	.2	.4	.8	1.4	.8	1.4	1.5	.5	.3									65	68	91	22
46/ 45		.1	1.2	1.0	.8	1.1	1.3	.3										53	53	111	31
44/ 43		.3	.5	.6	.3	1.0	.4											30	30	132	23
42/ 41		.9	1.0	1.2	.5	1.1	.2											45	46	126	20
40/ 39	.2	.6	.6	.4	.1	.5												24	24	125	32
38/ 37	.1	.3	.3	.2	.3	.2												14	14	84	51
36/ 35	.2	.3		.2	.3	.2												12	12	78	59
34/ 33	.1	.2	.2	.2	.1													8	8	41	51
32/ 31		.1	.4	.1	.2													8	8	21	58
30/ 29			.2		.1													3	3	11	48
28/ 27			.1															1	1	12	74
26/ 25																				5	83
24/ 23																				4	51
22/ 21																					55
20/ 19																					64
18/ 17																					52
16/ 15																					42
14/ 13																					35
12/ 11																					18
10/ 9																					21

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					6
6/ 5																					6
4/ 3																					1
2/ 1																					3
TOTAL	1.3	6.4	9.1	9.3	9.5	12.4	11.2	10.7	10.7	8.4	6.1	2.6	1.6	.8		.1		928	929	928	928

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2225053	40523	43.7	22.168	928							
Dry Bulb	2627789	48823	52.6	8.169	929		1.2	3.9	.2			93
Wet Bulb	1630208	38550	41.5	5.574	928		5.3					93
Dew Point	827071	25937	27.9	10.497	928		61.8					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																.1	.0	4	4		
80/ 79																.6	.2	8	8		
78/ 77														.3	.2	.1	.1	7	7		
76/ 75													.2	.4	.0	.2		14	14		
74/ 73										.1	.1	.4	1.2	1.0	1.1	.1		37	37		
72/ 71										.1	.4	1.3	1.3	1.8	.2			48	48		
70/ 69								.3	.2	.3	1.2	1.0	1.9	.8				53	53		
68/ 67								.5	.6	1.0	2.0	1.9	2.2	.5				82	82		
66/ 65							.4	.4	1.1	1.6	2.4	2.0	.9	.2				84	84		
64/ 63						.5	.2	1.0	1.1	2.0	2.0	1.3	.5					81	81		
62/ 61				.1	.2	.3	.2	.9	1.2	1.2	1.7	.5						59	59		
60/ 59			.1	.4	1.0	.8	.6	1.2	1.5	1.4	.8	.4						76	76		
58/ 57		.6	.3	.8	1.0	1.3	1.0	.8	1.1	1.0	.5							77	77		
56/ 55		.2	1.0	1.0	.9	1.3	1.3	.6	1.4	1.2	.2							85	85	18	5
54/ 53			.4	.6	.5	.4	.8	1.4	1.2	.1								51	51	37	5
52/ 51		.4	.5	.2	.6	1.1	1.2	.8	.5									50	50	69	1
50/ 49		.3	.1	.1	.8	.3	.2	.5	.1									23	23	114	16
48/ 47		.1		.8	.8	.4	.2	.4										25	25	145	22
46/ 45		.6	.4	.2	.2	.1	.1	.4										20	20	155	24
44/ 43		.2	.3	.4	.3	.1	.3											16	16	123	34
42/ 41		.2	.1	.1	.1	.2	.2	.1										10	10	95	23
40/ 39	.1	.1			.1	.1	.1											5	5	80	20
38/ 37		.1	.1	.1	.3													6	6	46	46
36/ 35		.1	.2	.3	.1													7	7	13	47
34/ 33			.1	.1														2	2	10	55
32/ 31																				13	54
30/ 29																				10	63
28/ 27																				2	62
26/ 25																					67
24/ 23																					54
22/ 21																					66
20/ 19																					74
18/ 17																					66
16/ 15																					40

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-78 YEARS | DEC MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
14/ 13																						27
12/ 11																						24
10/ 9																						14
8/ 7																						13
6/ 5																						2
4/ 3																						1
TOTAL	.1	3.1	3.8	5.3	6.9	7.0	6.9	9.5	10.0	10.0	11.4	8.9	8.2	5.1	2.2	1.2	.6		930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1424502	31280	33.6	20.022	930							
Dry Bulb	3480313	56289	60.5	8.887	930			25.3	7.0	.7		93
Wet Bulb	1909156	41862	45.0	5.169	930		2.5					93
Dew Point	826254	25950	27.9	10.487	930		62.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 7-70,73-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																	.4	4	4		
80/ 79																.6	.1	7	7		
78/ 77														.3	.1	.9	.1	13	13		
76/ 75													.5	.9	1.7	.2		31	31		
74/ 73											.1	.1	1.4	.6	1.0			30	30		
72/ 71									.1	.2	.5	.9	1.5	1.6	.2			47	47		
70/ 69								.4	.5	.4	1.3	1.2	2.3	1.7				73	73		
68/ 67								.3	1.1	1.4	1.6	1.7	2.3	.4				82	82		
66/ 65						.1	.2	.6	1.6	1.8	1.4	2.2	1.2	.1				86	86		
64/ 63					.1	.3	.2	.4	1.2	1.3	1.7	1.6	.3					67	67		
62/ 61				.3	.8	.3	.1	1.3	1.6	1.4	1.5	.9						76	76		
60/ 59		.1		.4	.5	.5	.6	1.1	1.5	1.1	1.5	.8						76	76		
58/ 57		.3	.4	.5	.8	.5	1.6	.9	.5	2.3	.9							81	81	2	
56/ 55		.5	.6	1.0	.8	1.7	1.2	1.1	.8	.6								77	77	19	3
54/ 53				.4	1.0	.5	.8	.9	.9	.4								45	45	36	5
52/ 51		.6	.5		.4	.2	.9	.2	.4	.1								32	32	71	7
50/ 49		.2	.3	.1	.4	.5	.6	.8	.3									31	31	122	14
48/ 47		.2		.4	.3	.2	.2		.3									16	16	143	15
46/ 45		.3	.1	.2	.3		.3	.2	.2									16	16	163	25
44/ 43			.2	.5	.3	.2	.2	.2										16	16	118	31
42/ 41		.4	.2		.1													7	7	90	26
40/ 39		.1		.2	.2	.1												6	6	79	13
38/ 37		.1		.5	.3	.1												10	10	38	34
36/ 35																				17	58
34/ 33																				13	60
32/ 31																				13	57
30/ 29																				4	56
28/ 27																				1	62
26/ 25																					71
24/ 23																					48
22/ 21																					53
20/ 19																					71
18/ 17																					65
16/ 15																					66

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					31
12/ 11																					23
10/ 9																					17
8/ 7																					12
6/ 5																					4
4/ 3																					1
2/ 1																					1
TOTAL		3.0	2.5	4.7	6.4	5.5	7.0	8.4	11.1	11.1	10.5	9.3	9.5	5.7	3.0	1.7	.6	929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1277477	29481	31.7	19.195	929							
Dry Bulb	3578702	57090	61.5	8.706	929			26.7	8.5	.7		93
Wet Bulb	1920529	41976	45.2	5.073	929		1.8					93
Dew Point	795533	25343	27.3	10.595	929		63.9					93

USAFETAC FORM 0-2b-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | DEC 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
70/ 69											.2	.1	.4					7	7		
68/ 67										.2	.3	.2	.4	.1				12	12		
66/ 65							.1		.2	.4	.4	.5	.2					18	18		
64/ 63							.1	.3	.6	1.2	.2	.8	.1					31	31		
62/ 61					.1	.5	.5	.5	1.8	1.4	1.0	.1						56	56		
60/ 59			.1	.1	.2	1.0	.6	1.5	3.2	1.8	1.2	.4						95	95		
58/ 57		.2	.4	.8	.5	.9	1.7	1.8	1.7	1.6	.8	.3						100	100		
56/ 55		.8	.5	1.0	.8	1.3	1.6	1.7	2.2	1.0	.3							103	103	4	2
54/ 53		.8	1.1	.5	1.2	1.2	2.3	2.5	2.6	.3	.1							116	116	24	5
52/ 51		.3	.5	1.5	1.8	1.5	1.8	1.7	1.0	.2								97	97	26	8
50/ 49		1.1	.3	1.1	1.3	1.1	.6	1.6	.4	.1								73	73	62	15
48/ 47		.3	.3	1.5	1.8	1.2	1.3	.9	.1									69	69	66	19
46/ 45		1.0	.8	.5	1.2	1.1	1.0	.4										55	55	117	23
44/ 43		.3	.3	.9	.6	.6	.5											31	31	133	27
42/ 41		.3	.5	.4	.1	.2	.2											17	17	148	34
40/ 39	.1	.5	.3	.1	.6	.2	.1											19	19	111	31
38/ 37		.1	.1	.2	.4	.1												9	9	105	42
36/ 35	.2		.3	.3														8	8	58	56
34/ 33			.1	.3	.3	.1												8	8	33	52
32/ 31			.1															1	1	18	48
30/ 29			.1															1	1	11	73
28/ 27																				7	71
26/ 25																				2	73
24/ 23																				1	46
22/ 21																					61
20/ 19																					54
18/ 17																					48
16/ 15																					43
14/ 13																					24
12/ 11																					16
10/ 9																					18
8/ 7																					9
6/ 5																					12
4/ 3																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					2
TOTAL	.3	5.7	6.0	9.3	11.1	11.0	12.6	13.3	13.9	.3	4.5	2.5	1.2	.1				926	926	926	926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2045169	39095	42.2	20.654	926							
Dry Bulb	2677701	49375	53.3	6.974	926		.2	1.9				93
Wet Bulb	1663663	38933	42.0	5.378	926		3.9					93
Dew Point	839666	26062	28.1	10.713	926		61.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-76 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.3			.1	.1									5	5		
60/ 59				.1	.1	.5	.3	.8	.4	.4								25	25		
58/ 57					.1	.5	.6	.8	.3	.5	.2							29	29		
56/ 55		.4	.4		.4	.6	.9	1.4	.9	.2	.3							52	52	1	
54/ 53	.3	1.0	.8	.6	.6	.4	1.9	1.4	1.3	.6	.2							66	66	16	8
52/ 51		1.0	1.0	1.3	1.4	1.9	1.4	1.9	1.0	.2								103	103	9	7
50/ 49		1.2	1.6	.9	1.1	2.8	2.6	1.2	1.1									115	115	35	14
48/ 47		.8	1.1	1.3	1.3	2.3	2.4	1.2	.4									99	99	38	15
46/ 45		.5	1.0	1.0	1.8	3.2	1.4	.5	.1									89	89	60	24
44/ 43		1.5	2.1	1.5	1.2	2.4	1.1	.3										93	93	64	12
42/ 41		1.7	1.8	1.1	1.5	1.2	.5	.1										74	74	113	35
40/ 39		1.4	1.3	1.5	1.2	1.4	.1											64	64	129	41
38/ 37	.1	1.3	1.2	.4	.4	.8												39	39	132	42
36/ 35	.2	.2	.3	1.1	.3	.1												21	21	129	61
34/ 33		.1	.3	.5	.3													12	12	91	49
32/ 31		.1	.2	.1	.6													10	10	45	46
30/ 29		.1	.4	.2	.1													8	8	33	71
28/ 27			.1	.1														2	2	13	62
26/ 25																				7	74
24/ 23																				9	47
22/ 21																				1	65
20/ 19																					74
18/ 17																					41
16/ 15																					44
14/ 13																					20
12/ 11																					22
10/ 9																					21
8/ 7																					9
6/ 5																					11
4/ 3																					8
2/ 1																					3
TOTAL	.6	11.3	13.6	11.8	13.0	18.3	13.3	9.7	5.6	2.1	.8								926		926
																		926		926	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2822782	47168	50.9	21.313	926							
Dry Bulb	2090833	43581	47.1	6.555	926		2.0					93
Wet Bulb	1429490	35978	38.9	5.848	926		10.8					93
Dew Point	816897	25635	27.7	10.767	926		62.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-78 YEARS — DEC MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 61																.0	.1	8	8		
80/ 79																.2	.0	15	15		
78/ 77														.1	.0	.1	.0	20	20		
76/ 75													.1	.2	.3	.1		45	46		
74/ 73										.0	.0	.1	.3	.2	.3	.0		68	68		
72/ 71									.0	.0	.1	.3	.4	.5	.1			101	101		
70/ 69								.1	.1	.1	.4	.3	.6	.3				142	142		
68/ 67								.1	.2	.4	.6	.6	.6	.2				198	198		
66/ 65						.0	.1	.1	.4	.6	.6	.6	.3	.0				208	208		
64/ 63					.0	.1	.1	.2	.5	.8	.7	.5	.1					226	226		
62/ 61				.1	.2	.2	.1	.5	.8	.6	.8	.2						258	258		
60/ 59		.0	.0	.2	.3	.4	.4	.7	1.1	.8	.6	.3						346	346		
58/ 57		.2	.2	.3	.4	.5	.8	.8	.8	.9	.4	.0						402	402	2	
56/ 55		.3	.5	.6	.5	.9	.9	1.0	1.1	.5	.2							479	479	51	10
54/ 53	.2	.5	.5	.4	.7	.6	1.2	1.3	1.1	.3	.1							517	517	155	52
52/ 51	.1	.7	.9	.7	.9	1.3	1.4	1.2	1.0	.2								615	615	229	47
50/ 49	.0	1.1	.6	.7	.9	1.4	1.4	1.2	.6	.1								595	595	440	91
48/ 47	.1	.6	.4	1.0	1.1	1.3	1.4	.7	.3	.0								511	511	574	155
46/ 45	.0	.7	1.1	.8	1.0	1.7	1.1	.5	.1									517	517	686	182
44/ 43	.0	.7	.8	1.0	1.4	1.3	.6	.1										449	449	694	195
42/ 41		.9	1.3	1.0	1.4	1.1	.4	.1										456	457	816	189
40/ 39	.1	1.4	1.0	1.0	.9	1.0	.1	.0										415	417	820	225
38/ 37	.1	.9	.8	.8	.8	.5												289	290	774	322
36/ 35	.1	.6	.6	.8	.3	.1												197	199	756	416
34/ 33	.1	.5	.3	.8	.3	.1												146	151	512	417
32/ 31	.0	.4	.3	.4	.2													96	99	380	452
30/ 29	.0	.1	.2	.1	.1													41	41	254	493
28/ 27	.0	.0	.1	.1														17	17	141	510
26/ 25		.0	.1	.0														16	16	54	585
24/ 23	.0	.1	.1															14	14	40	439
22/ 21			.1															8	8	24	488
20/ 19																				7	559
18/ 17																				1	435
16/ 15																					362

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					234
12/ 11																					218
10/ 9																					140
8/ 7																					96
6/ 5																					45
4/ 3																					31
2/ 1																					22
0/ -1																					6
TOTAL	1.0	9.9	10.0	10.7	11.5	12.7	10.1	8.6	7.9	5.3	4.3	2.9	2.6	1.5	.6	.4	.2	7415	7428	7416	7416

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19576493	340593	45.9	23.034	7416							
Dry Bulb	19897699	376797	50.7	10.275	7428		19.3	59.9	15.7	1.4		744
Wet Bulb	12394572	299180	40.3	6.619	7416		91.0					744
Dew Point	6374360	202648	27.3	10.624	7416	.6	513.2					744

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 — 546-016/1 REGION NO. 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 7-70,73-79 YEARS — ALL MONTH

 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
112/111																	.0	1	1		
110/109																	.0	9	9		
108/107																	.1	57	57		
106/105																	.2	137	137		
104/103																.0	.3	287	287		
102/101															.6	.0	.6	521	521		
100/ 99														.0	.0	.1	.0	801	801		
98/ 97												.0	.0	.0	.1	.2	.9	1101	1101		
96/ 95											.0	.0	.0	.1	.3	.2	1.0	1496	1496		
94/ 93									.0		.0	.1	.2	.3	.3	.2	1.0	1815	1615		
92/ 91							.0			.0	.1	.3	.3	.3	.2	.2	1.0	2171	2171		
90/ 89							.0	.0	.0	.1	.3	.4	.3	.2	.3	.2	1.0	2403	2404		
88/ 87						.0	.0	.0	.1	.3	.3	.3	.2	.2	.2	.2	.9	2451	2451		
86/ 85						.0	.0	.1	.3	.4	.3	.2	.2	.2	.2	.3	.8	2679	2679		
84/ 83					.0	.0	.1	.2	.4	.3	.3	.2	.2	.2	.3	.3	.7	2777	2777		
82/ 81			.0		.0	.1	.3	.4	.4	.3	.2	.2	.2	.2	.3	.5	.5	3152	3152		
80/ 79			.0		.0	.1	.3	.5	.5	.4	.2	.2	.3	.3	.4	.4	.6	.2	3657	3658	3	1
78/ 77				.0	.1	.2	.4	.5	.4	.2	.2	.2	.3	.3	.4	.4	.4	.0	3618	3618	7	1
76/ 75			.0	.1	.2	.5	.4	.3	.2	.2	.3	.3	.3	.4	.3	.5	.1	.0	3831	3831	26	1
74/ 73			.0	.1	.3	.4	.2	.2	.2	.2	.3	.3	.4	.5	.5	.4	.0		3633	3633	240	9
72/ 71	.0	.0	.2	.3	.2	.2	.1	.2	.3	.3	.3	.6	.6	.6	.2				3484	3484	1172	54
70/ 69	.0	.1	.2	.1	.1	.1	.2	.3	.3	.4	.5	.6	.5	.4	.0				3265	3265	3479	306
68/ 67		.1	.1	.1	.1	.1	.2	.3	.4	.5	.6	.5	.5	.1	.0				3084	3084	4831	616
66/ 65		.0	.1	.1	.1	.2	.3	.3	.4	.5	.6	.6	.3	.0					2937	2937	4089	1444
64/ 63		.0	.0	.1	.1	.3	.3	.4	.5	.7	.6	.4	.1						3025	3025	3303	1867
62/ 61		.0	.0	.1	.2	.3	.4	.4	.6	.6	.5	.2	.0						2866	2866	3296	2271
60/ 59		.0	.1	.1	.2	.4	.4	.6	.7	.6	.4	.1	.0						3174	3174	3054	2526
58/ 57	.0	.1	.1	.2	.3	.4	.5	.6	.6	.6	.2	.0							3169	3169	3615	2310
56/ 55	.0	.1	.2	.3	.5	.4	.6	.6	.6	.4	.1	.0							3322	3323	4174	2227
54/ 53	.0	.2	.3	.3	.5	.5	.5	.6	.5	.2	.0								3267	3267	4743	2020
52/ 51	.0	.2	.4	.5	.5	.6	.5	.5	.4	.1									3244	3244	5405	1803
50/ 49	.0	.3	.5	.4	.5	.5	.5	.5	.2	.0									3104	3104	6269	2183
48/ 47	.0	.4	.4	.5	.5	.5	.5	.3	.1	.0									2774	2774	6355	2483
46/ 45	.0	.5	.4	.4	.5	.4	.4	.2	.0										2523	2523	6428	3093

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 702-010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-79 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43	.0	.5	.4	.4	.4	.4	.2	.1	.0									2047	2047	6081	3285
42/ 41	.0	.5	.4	.3	.4	.3	.1	.0										1773	1774	5280	3599
40/ 39	.0	.4	.4	.3	.3	.2	.0	.0										1419	1421	4424	4136
38/ 37	.0	.3	.2	.2	.2	.1	.0											984	986	3770	4187
36/ 35	.0	.2	.2	.2	.1	.0												590	592	2893	4516
34/ 33	.0	.2	.1	.1	.0	.0												433	436	1892	4472
32/ 31	.0	.1	.1	.1	.0													262	265	1306	4973
30/ 29	.0	.0	.1	.0	.0													130	130	754	4638
28/ 27	.0	.0	.0	.0														50	50	388	4418
26/ 25		.0	.0	.0														22	22	157	4256
24/ 23	.0	.0	.0															14	14	95	3685
22/ 21			.0															6	6	28	3563
20/ 19																				7	3424
18/ 17																				1	2800
16/ 15																					2224
14/ 13																					1511
12/ 11																					1038
10/ 9																					790
8/ 7																					439
6/ 5																					257
4/ 3																					114
2/ 1																					81
0/ -1																					31
-2/ -3																					9
-4/ -5																					4
TOTAL	.3	4.3	5.1	5.8	6.7	7.4	7.6	7.9	7.8	7.0	6.4	6.0	5.3	4.7	4.2	3.5	10.0		87581		87565
																		87565		87565	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	165402590	3291810	37.6	21.811	87565							
Dry Bulb	425627141	5926863	67.7	16.739	87581		48.8	4643.8	3660.4	2382.5	622.5	8760
Wet Bulb	237035047	4456237	50.9	10.822	87565		273.9	975.9	27.6	.1		8760
Dew Point	135445152	3194104	36.5	14.705	87565	4.4	3827.5	98.8	1.2			8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-79, 73-79 YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	44.6	47.2	49.8	55.2	64.8	75.2	79.0	78.1	73.3	62.7	51.9	44.3	60.6
	S D	6.721	6.295	7.388	7.071	6.670	6.626	4.815	3.857	5.247	7.527	6.842	6.822	14.277
	TOTAL OBS	927	846	930	900	930	900	930	930	899	930	900	929	10951
03-05	MEAN	43.2	45.2	47.3	51.5	60.8	70.5	76.4	75.3	70.8	60.3	50.2	43.3	58.0
	S D	6.794	6.578	7.089	6.806	6.674	6.362	3.972	3.474	5.183	7.631	6.904	6.877	13.746
	TOTAL OBS	927	846	930	900	930	900	930	930	900	930	900	930	10953
06-08	MEAN	42.3	44.6	47.7	54.2	65.3	75.4	78.0	76.6	71.8	60.8	50.2	42.8	59.2
	S D	6.768	6.381	7.433	7.915	8.176	7.377	4.497	4.041	5.458	7.882	7.021	7.061	14.937
	TOTAL OBS	927	846	930	900	930	900	930	930	900	930	897	929	10949
09-11	MEAN	51.1	55.4	59.0	66.9	77.7	87.5	86.5	86.4	82.5	73.3	61.7	52.6	70.1
	S D	7.220	7.109	9.033	8.400	8.093	6.439	5.482	4.395	5.363	8.202	8.425	8.169	15.256
	TOTAL OBS	930	846	929	900	929	900	930	930	900	930	897	929	10950
12-14	MEAN	58.8	63.3	65.7	73.8	84.4	94.2	92.7	92.7	88.8	80.2	69.2	60.5	77.1
	S D	7.766	7.473	9.986	8.791	8.332	6.695	6.022	4.577	5.626	8.274	8.262	8.867	15.026
	TOTAL OBS	927	846	925	900	930	900	930	930	900	930	897	930	10949
15-17	MEAN	60.6	65.0	67.5	75.8	86.2	96.4	93.8	93.9	89.6	81.3	70.0	61.5	78.5
	S D	7.880	7.796	10.513	8.992	8.531	6.838	7.183	5.652	6.657	8.215	8.233	8.706	15.188
	TOTAL OBS	926	845	930	900	930	900	930	930	900	930	897	929	10947
18-20	MEAN	53.6	58.9	62.4	70.6	81.7	92.1	89.1	89.0	84.1	74.1	61.7	53.3	72.6
	S D	6.671	7.024	9.612	8.940	8.604	7.101	7.706	6.424	6.813	7.366	7.944	6.974	15.809
	TOTAL OBS	926	842	929	899	930	899	930	929	900	930	900	926	10940
21-23	MEAN	47.3	51.7	54.7	61.9	72.7	83.1	82.7	82.4	77.4	66.2	54.5	47.1	65.2
	S D	6.321	6.168	7.957	7.691	7.462	6.624	6.128	5.036	5.665	7.535	6.873	6.555	15.111
	TOTAL OBS	926	842	930	900	929	900	930	930	900	929	900	926	10942
ALL HOURS	MEAN	50.2	53.9	56.8	63.7	74.2	84.3	84.8	84.3	79.8	69.9	58.7	50.7	67.7
	S D	9.632	10.177	11.525	11.974	12.053	11.372	8.621	8.316	9.093	11.194	10.915	10.275	16.739
	TOTAL OBS	7416	6759	7437	7199	7438	7199	7440	7439	7199	7439	7188	7428	87581

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109 DAVIS-MONTHAN AFB AZ 67-70,73-79
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.7	39.8	41.0	41.9	46.9	53.1	65.7	64.8	59.4	49.3	41.7	37.4	48.4
	S D	6.102	5.735	5.582	4.787	4.855	5.751	4.443	4.235	5.810	7.359	5.580	6.014	11.272
	TOTAL OBS	927	846	930	900	930	900	930	930	899	930	900	923	10950
03-05	MEAN	37.6	38.5	39.6	40.2	45.2	51.5	65.1	64.2	58.7	48.3	40.8	36.5	47.3
	S D	6.192	5.889	5.676	4.943	5.072	6.253	4.548	4.116	5.853	7.513	5.677	6.060	11.523
	TOTAL OBS	927	846	930	900	930	900	930	930	900	930	900	926	10949
06-08	MEAN	37.0	38.1	39.7	41.7	47.5	54.0	65.8	64.9	59.4	48.9	40.8	36.1	47.9
	S D	6.274	5.794	5.760	5.045	5.094	5.940	3.993	3.861	5.639	7.455	5.745	6.178	11.830
	TOTAL OBS	927	845	930	900	930	900	930	930	900	930	897	923	10942
09-11	MEAN	42.0	43.9	45.1	47.2	52.2	57.8	67.4	67.0	63.0	54.2	46.5	41.5	52.4
	S D	5.594	5.162	5.078	4.097	3.974	4.414	3.513	3.279	4.653	6.154	5.053	5.574	10.320
	TOTAL OBS	930	846	929	900	929	900	930	930	900	930	897	928	10949
12-14	MEAN	45.3	46.6	47.0	49.1	53.9	59.3	67.7	67.1	63.5	55.7	49.1	45.0	54.2
	S D	5.003	4.561	4.671	3.875	3.624	3.738	3.278	3.426	4.320	5.266	4.582	5.169	9.214
	TOTAL OBS	927	846	929	900	930	900	929	930	900	930	896	930	10947
15-17	MEAN	45.6	47.0	47.5	49.7	54.5	59.9	67.5	66.9	63.0	55.5	49.2	45.2	54.3
	S D	4.775	4.260	4.682	3.768	3.445	3.342	3.040	3.443	4.234	5.053	4.414	5.073	8.950
	TOTAL OBS	926	845	930	900	930	900	930	930	899	930	897	929	10946
18-20	MEAN	43.3	45.0	45.9	47.7	52.9	58.4	67.0	66.0	61.9	53.4	46.3	42.0	52.5
	S D	5.283	4.800	4.925	4.034	3.648	3.643	3.303	3.782	4.546	5.874	4.779	5.378	9.697
	TOTAL OBS	926	842	929	899	930	899	930	929	900	930	900	926	10940
21-23	MEAN	40.4	42.1	43.1	44.6	50.0	55.8	66.5	65.3	60.4	50.6	43.1	38.9	50.1
	S D	5.919	5.359	5.241	4.359	4.265	4.626	3.865	4.164	5.471	6.965	5.364	5.848	10.731
	TOTAL OBS	926	842	930	900	929	900	930	930	900	929	900	926	10942
ALL HOURS	MEAN	41.3	42.6	43.6	45.3	50.4	56.2	66.6	65.8	61.2	52.0	44.7	40.3	50.9
	S D	6.479	6.182	6.022	5.557	5.407	5.635	3.888	3.948	5.411	7.113	6.134	6.619	10.822
	TOTAL OBS	7416	6758	7437	7199	7438	7199	7439	7439	7198	7439	7187	7416	87565

USAFETAC FORM JUL 64 0 09 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	30.7	30.0	29.7	25.6	28.2	34.4	58.1	57.0	49.5	35.3	29.0	27.0	36.3
	S D	10.191	11.305	10.997	9.718	9.901	11.259	8.993	7.970	10.238	13.079	11.198	10.711	15.443
	TOTAL OBS	927	846	930	900	930	900	930	930	899	930	900	928	10950
03-05	MEAN	29.9	29.2	29.3	25.7	28.0	34.3	58.5	57.5	49.9	36.0	29.7	26.5	36.2
	S D	10.101	11.028	10.778	9.393	9.849	11.805	8.732	7.149	9.805	12.910	10.939	10.502	15.551
	TOTAL OBS	927	846	930	900	930	900	930	930	900	930	900	926	10949
06-08	MEAN	29.4	29.9	29.3	26.6	29.5	36.5	59.0	58.1	50.7	36.8	29.7	26.2	36.7
	S D	10.137	10.872	10.573	8.922	9.211	11.133	7.925	6.591	9.397	12.516	10.866	10.503	15.436
	TOTAL OBS	927	845	930	900	930	900	930	930	900	930	897	928	10942
09-11	MEAN	31.0	30.4	29.9	27.3	30.8	37.9	57.7	57.1	51.3	38.4	30.6	27.9	37.6
	S D	10.379	10.991	9.954	7.885	7.851	8.969	7.641	6.640	8.913	11.923	10.468	10.497	14.453
	TOTAL OBS	930	846	929	900	929	900	930	930	900	930	897	928	10949
12-14	MEAN	30.4	29.1	28.0	26.1	30.6	38.0	55.7	54.6	49.3	37.2	29.8	27.9	36.5
	S D	10.551	10.442	9.546	6.949	6.687	7.239	7.395	7.161	8.840	10.933	10.341	10.487	13.735
	TOTAL OBS	927	846	929	900	930	900	929	930	900	930	896	930	10947
15-17	MEAN	29.4	28.1	27.7	25.9	31.1	38.4	55.0	53.7	48.0	36.0	29.4	27.3	35.9
	S D	10.437	10.330	9.490	6.535	6.330	6.561	7.448	7.664	9.152	10.898	10.053	10.595	13.572
	TOTAL OBS	926	845	930	900	930	900	930	930	899	930	897	929	10946
18-20	MEAN	31.2	29.2	28.2	25.0	30.0	37.0	55.9	54.2	48.3	36.0	29.9	28.1	36.2
	S D	10.483	11.315	10.686	7.830	7.243	7.690	8.299	8.570	9.710	12.157	10.616	10.713	14.167
	TOTAL OBS	926	842	929	899	930	899	930	929	900	930	900	926	10940
21-23	MEAN	31.5	30.1	29.3	25.3	29.1	35.5	57.8	55.8	48.9	35.7	29.4	27.7	36.4
	S D	10.419	11.593	11.343	9.296	9.002	9.814	8.777	8.655	10.433	13.052	11.103	10.767	15.065
	TOTAL OBS	926	842	930	900	929	900	930	930	900	929	900	926	10942
ALL HOURS	MEAN	30.4	29.4	28.9	25.9	29.7	36.5	57.2	56.0	49.5	36.5	29.4	27.3	36.5
	S D	10.361	11.008	10.464	8.414	8.431	9.610	8.283	7.745	9.631	12.241	10.688	10.624	14.705
	TOTAL OBS	7416	6758	7437	7199	7438	7199	7439	7439	7198	7439	7187	7416	87565

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 58-70,73-79 (PERIOD) JA, (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.2	91.7	78.9	66.5	53.5	40.5	25.5	7.8	61.9	927
	03-05	100.0	99.4	92.4	81.1	66.3	55.4	41.7	28.3	9.2	62.9	927
	06-08	100.0	99.2	94.6	82.5	68.6	57.1	42.8	27.8	10.2	63.7	927
	09-11	100.0	93.9	78.4	61.3	48.2	34.1	20.5	9.6	3.2	50.6	930
	12-14	100.0	78.3	58.3	42.5	25.4	13.4	6.8	4.0	1.1	38.4	927
	15-17	99.9	73.5	51.4	32.9	19.0	9.0	6.6	3.1	1.0	35.0	926
	18-20	100.0	91.3	73.3	56.0	40.4	26.6	13.6	7.3	2.2	46.7	926
	21-23	100.0	98.5	88.7	74.9	60.8	45.1	30.6	18.3	5.1	57.7	926
TOTALS		100.0	91.7	78.6	63.8	49.4	36.8	25.4	15.5	5.6	52.1	7416

USAFETAC FORM JUL 78 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 66-70,73-79 PERIOD | FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	95.6	82.9	69.9	57.6	45.7	26.0	17.5	7.0	56.1	946
	03-05	100.0	96.7	86.1	72.6	60.9	46.5	33.5	20.4	8.2	58.0	846
	06-08	100.0	97.0	86.0	73.7	61.2	47.6	34.3	21.7	7.7	58.4	845
	09-11	99.9	84.6	67.1	49.1	35.3	22.7	12.2	4.5	.5	43.1	846
	12-14	98.6	68.1	43.5	25.4	13.7	6.5	3.2	1.1	.1	31.3	946
	15-17	99.6	59.9	34.9	20.4	11.0	6.9	4.3	1.9	.6	28.9	845
	18-20	100.0	74.8	54.3	36.8	22.8	12.8	8.3	4.0	1.3	37.0	842
	21-23	100.0	89.5	72.4	58.9	46.1	31.1	20.0	9.3	2.0	48.5	842
TOTALS		99.8	83.3	65.9	50.7	38.6	27.5	18.0	9.9	3.4	45.2	6756

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-78 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	91.4	73.2	61.4	48.4	35.2	24.4	15.5	4.6	51.2	930
	03-05	100.0	95.4	79.7	66.5	53.8	40.1	29.5	19.0	6.1	54.7	930
	06-08	100.0	94.5	80.1	65.8	53.0	39.5	28.8	15.9	4.6	53.9	930
	09-11	100.0	76.6	54.8	37.8	26.7	16.0	9.4	3.0	.8	38.0	929
	12-14	97.7	53.8	34.6	21.0	13.5	8.5	3.9	1.6	.5	28.6	929
	15-17	97.1	49.8	29.8	17.2	11.9	7.5	5.2	2.6	.9	27.0	930
	18-20	98.9	62.4	42.2	28.4	18.9	12.6	7.6	4.6	.9	32.8	929
	21-23	99.8	81.0	61.2	46.2	37.0	25.4	17.7	9.0	2.7	43.7	930
TOTALS		99.2	75.6	57.0	43.2	32.9	23.1	15.0	9.9	2.6	41.2	7437

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 57-70,73-78 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	81.1	48.4	29.1	18.0	11.2	7.0	3.9	.4	35.5	900
	03-05	100.0	89.3	63.0	39.0	22.0	14.1	8.6	5.1	1.0	40.1	900
	06-08	100.0	86.3	58.1	33.9	20.7	13.6	6.7	3.3	.6	38.0	900
	09-11	98.2	53.1	24.0	12.2	6.3	3.1	.9	.1		25.1	900
	12-14	94.0	27.2	11.4	4.9	1.6	.7				18.6	900
	15-17	94.3	19.9	8.3	4.7	2.3	.9	.2	.2	.1	17.3	900
	18-20	98.0	29.9	13.9	7.3	4.6	3.0	1.9	.9		20.5	899
	21-23	99.9	58.2	30.4	16.6	9.3	7.2	4.2	2.2	.1	28.1	900
TOTALS		98.1	55.6	32.2	18.5	10.6	6.7	3.6	2.0	.5	27.9	7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	99.3	64.3	28.4	14.8	7.[illegible]	3.5	1.0	.[illegible]	.[illegible]	27.6	930
	03-05	100.0	78.8	39.9	19.5	9.9	4.9	2.3	.9	.3	31.2	930
	06-08	99.0	68.2	32.9	15.1	7.2	3.9	1.5	1.2	.4	29.6	930
	09-11	96.4	31.1	11.8	4.4	1.6	1.1	.9	.6	.3	19.7	929
	12-14	88.7	14.7	4.0	1.7	1.1	.6	.6	.6	.3	15.4	930
	15-17	86.2	11.9	4.5	2.5	1.1	1.0	.6	.4	.1	14.8	930
	18-20	94.8	18.8	7.2	3.5	2.2	1.1	.9	.5	.2	16.9	930
	21-23	99.6	39.4	18.0	6.9	3.6	1.8	1.1	.5	.1	22.0	929
TOTALS		95.6	40.9	18.3	8.6	4.2	2.2	1.3	.7	.3	22.0	7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) A7-70,73-78 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	99.9	51.8	23.6	9.8	4.0	2.0	.9	.3		24.6	900
	03-05	100.0	67.2	34.1	15.6	7.4	3.9	1.1	.2		28.7	900
	06-08	99.4	60.6	30.3	13.9	5.2	1.7	.6	.2		26.6	900
	09-11	95.6	29.9	10.3	2.7	.3	.1	.1			18.7	900
	12-14	87.7	13.3	3.2	1.1	.7	.1	.1			14.8	900
	15-17	85.6	9.6	3.2	1.6	.9	.4	.1			14.1	900
	18-20	92.5	15.9	5.0	2.9	2.3	1.4	1.0	.1		15.8	899
	21-23	98.1	32.8	11.3	5.2	2.9	2.1	1.2	.1		20.0	900
TOTALS		94.9	35.1	15.1	6.7	3.0	1.5	.7	.1		20.4	7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 47-70,73-78 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	96.5	84.7	70.1	51.1	33.8	20.2	8.4	.6	52.2	930
	03-05	100.0	98.6	91.9	80.6	60.9	43.3	26.1	11.8	1.0	56.7	930
	06-08	100.0	98.0	91.3	78.3	58.3	36.9	21.8	6.8	.5	54.8	930
	09-11	100.0	91.4	72.0	46.3	23.4	10.2	3.0	1.1		40.4	930
	12-14	99.7	78.8	45.3	18.9	7.3	2.7	1.4	.4		31.0	929
	15-17	99.8	70.3	39.4	18.2	9.5	4.7	1.8	.8	.2	29.9	930
	18-20	100.0	78.5	56.5	35.4	22.5	12.8	5.5	1.2	.1	36.6	930
	21-23	100.0	91.2	74.9	59.1	39.0	26.5	14.7	6.1	1.0	46.9	930
TOTALS		99.9	87.9	69.5	50.9	34.0	21.4	11.9	4.5	.5	43.6	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 DAVIS-MONTHAN AFB AZ 67-70,73-78 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	98.4	89.8	71.7	47.3	25.7	12.7	4.8	.2	50.6	930
	03-05	100.0	100.0	95.8	85.1	60.9	35.3	16.8	5.5	.5	55.6	930
	06-08	100.0	99.8	96.1	83.5	59.7	34.0	13.2	3.1	.2	54.4	930
	09-11	100.0	94.1	74.3	40.2	15.2	3.8	1.4	.3		38.7	930
	12-14	99.7	79.7	40.6	12.3	2.6	1.1	.6	.1		29.2	930
	15-17	99.7	69.4	32.6	12.7	5.7	3.0	1.6	.6		27.9	930
	18-20	99.6	77.2	49.1	26.9	16.6	7.9	4.1	1.4	.5	33.9	929
	21-23	100.0	93.1	72.8	51.7	31.0	16.1	8.6	2.7	.2	43.4	930
TOTALS		99.9	89.0	68.9	48.0	29.9	15.9	7.4	2.3	.2	41.7	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 67-70,73-78 PERIOD | SEP 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%		
SEP	00-02	100.0	97.0	79.4	58.2	33.5	20.0	9.0	2.8		45.6	899
	03-05	100.0	99.2	87.6	68.7	43.7	24.7	10.9	3.4		49.6	900
	06-08	100.0	98.9	88.2	69.3	45.1	24.9	9.3	2.4		49.5	900
	09-11	100.0	88.2	62.9	33.2	13.6	4.7	1.3	.2		36.1	900
	12-14	99.7	69.8	34.1	11.6	4.0	1.6	1.3	.8		27.7	900
	15-17	99.0	55.7	26.8	12.7	6.9	3.8	2.7	.9		26.5	899
	18-20	99.8	70.4	41.9	24.3	12.9	8.8	4.8	1.4		32.2	900
	21-23	100.0	90.1	63.9	41.0	24.2	13.4	6.1	2.1		39.7	900
TOTALS		99.8	83.7	60.6	39.9	23.6	12.7	5.6	1.8		38.4	7198

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	99.7	90.5	60.5	41.5	25.5	13.8	10.6	7.2	.6	40.5	930
	03-05	99.8	93.8	71.1	48.9	31.4	18.4	13.0	7.5	2.2	44.0	930
	06-08	100.0	93.8	71.4	49.8	32.0	18.3	12.0	6.1	2.3	44.2	930
	09-11	98.5	69.9	43.5	24.7	13.1	8.2	4.6	2.8	.4	32.2	930
	12-14	94.8	48.8	24.1	11.1	6.0	3.3	1.9	.8	.2	24.3	930
	15-17	93.3	40.1	18.5	10.5	5.6	4.1	2.6	1.3	.4	22.7	930
	18-20	98.0	56.8	34.2	17.5	11.8	7.6	5.1	2.6	.4	28.8	930
	21-23	99.4	81.4	48.9	31.5	18.3	12.4	8.4	5.6	1.1	36.2	929
TOTALS		97.9	71.9	46.5	29.3	18.0	10.8	7.3	4.3	1.0	34.1	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 47-70,73-78 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	91.2	66.8	53.0	35.3	25.1	18.0	10.2	3.0	46.0	900
	03-05	100.0	92.9	72.9	55.2	41.1	27.3	20.1	11.0	4.0	48.0	900
	06-08	100.0	93.8	74.4	54.6	40.9	26.8	19.1	10.5	4.0	48.0	897
	09-11	98.6	74.5	48.4	33.0	21.5	13.2	7.8	2.3	.6	35.5	897
	12-14	95.5	52.1	30.7	19.4	9.9	5.6	2.9	1.2	.4	27.0	896
	15-17	94.3	46.7	30.1	17.4	9.8	5.6	3.0	2.0	1.3	26.2	897
	18-20	98.8	72.1	47.2	31.1	20.3	12.8	7.0	3.2	1.6	34.8	900
	21-23	100.0	86.6	59.6	46.0	31.1	21.7	14.9	7.1	2.8	42.8	900
TOTALS		98.4	76.2	53.8	38.7	26.2	17.3	11.7	5.9	2.4	38.5	7187

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-78 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	96.8	85.7	67.5	48.2	35.6	26.9	17.6	7.0	54.0	928
	03-05	100.0	96.9	87.1	69.8	52.1	37.7	28.7	19.8	7.7	55.6	926
	06-08	100.0	97.5	86.8	69.3	53.7	39.4	28.6	17.6	7.2	55.8	923
	09-11	99.9	86.6	64.7	45.3	33.3	22.8	15.4	8.5	3.9	43.7	926
	12-14	98.8	68.6	42.5	28.4	18.4	12.7	6.9	3.7	1.2	33.6	930
	15-17	98.7	63.1	40.4	24.8	16.3	10.3	5.5	3.7	.3	31.7	929
	18-20	100.0	89.6	61.0	44.9	30.0	19.3	12.3	6.6	2.7	42.2	926
	21-23	100.0	95.6	82.3	61.1	42.5	31.7	22.1	13.1	3.9	50.9	926
TOTALS		99.7	86.8	68.8	51.4	36.9	26.2	18.3	11.2	4.2	45.9	7410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 67-70,73-79 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	91.7	78.6	63.8	49.4	36.8	25.4	15.5	5.[illegible]	52.1	7416
FEB		99.8	83.3	65.9	50.7	38.6	27.5	18.[illegible]	9.9	3.4	45.2	6758
MAR		99.2	75.6	57.0	43.2	32.9	23.1	15.8	8.9	2.0	41.2	7437
APR		98.1	55.6	32.2	19.5	10.0	6.7	3.6	2.0	.3	27.9	7199
MAY		95.6	40.9	18.3	8.6	4.2	2.2	1.3	.7	.3	22.0	7438
JUN		94.9	35.1	15.1	6.7	3.0	1.5	.7	.1		20.4	7199
JUL		99.9	87.9	69.5	50.9	34.0	21.4	11.9	4.5	.5	43.6	7439
AUG		99.9	89.0	68.9	48.0	29.9	15.9	7.4	2.3	.2	41.7	7439
SEP		99.8	83.7	60.6	39.9	23.0	12.7	5.6	1.8		38.4	7198
OCT		97.9	71.9	46.5	29.3	18.0	10.8	7.3	4.3	1.0	34.1	7439
NOV		98.4	76.2	53.8	38.7	26.2	17.3	11.7	5.9	2.4	38.5	7187
DEC		99.7	86.8	68.8	51.4	36.9	26.2	18.3	11.2	4.6	45.9	7416
TOTALS		98.6	73.1	52.9	37.5	25.6	16.8	10.6	5.6	1.7	37.6	87565

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

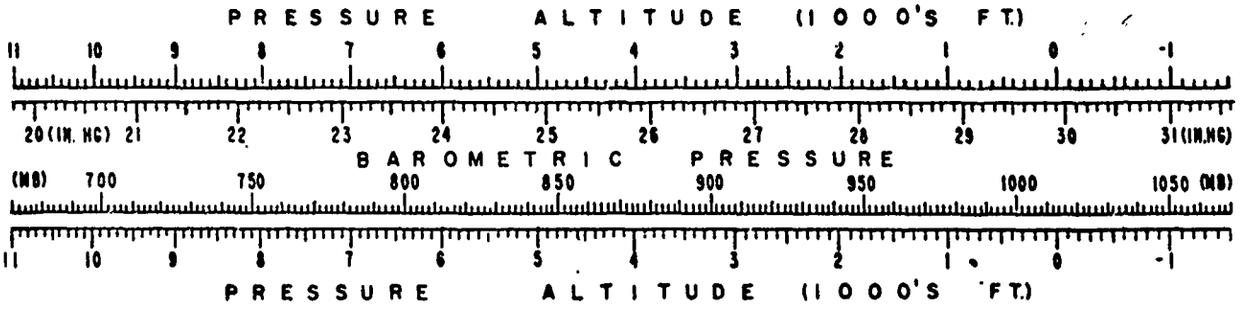
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FOR HOURLY OBSERVATIONS

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 67-70,73-79 YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	27.274	27.265	27.191	27.165	27.137	27.12[illegible]	27.192	27.186	27.173	27.213	27.256	27.2[illegible]	27.203
	S D	.116	.109	.110	.084	.078	.074	.061	.065	.072	.091	.105	.125	.105
	TOTAL OBS	309	282	310	300	310	300	310	310	299	31[illegible]	300	31[illegible]	3650
05	MEAN	27.264	27.254	27.180	27.160	27.140	27.130	27.200	27.199	27.173	27.212	27.250	27.252	27.200
	S D	.115	.110	.109	.085	.080	.075	.059	.065	.071	.093	.107	.127	.103
	TOTAL OBS	309	282	310	300	310	300	310	310	300	31[illegible]	300	310	3651
08	MEAN	27.291	27.282	27.214	27.196	27.174	27.166	27.236	27.227	27.207	27.245	27.282	27.279	27.233
	S D	.114	.112	.111	.086	.082	.078	.058	.065	.072	.095	.108	.127	.103
	TOTAL OBS	310	282	310	300	310	300	310	310	300	31[illegible]	299	309	3650
11	MEAN	27.314	27.298	27.220	27.196	27.164	27.154	27.227	27.223	27.206	27.248	27.287	27.297	27.236
	S D	.112	.111	.110	.086	.083	.081	.060	.065	.073	.095	.107	.123	.107
	TOTAL OBS	310	282	310	300	309	300	310	310	300	31[illegible]	299	310	3650
14	MEAN	27.239	27.230	27.163	27.144	27.114	27.103	27.169	27.164	27.144	27.176	27.219	27.224	27.174
	S D	.108	.110	.109	.087	.082	.080	.060	.065	.072	.094	.104	.123	.103
	TOTAL OBS	309	282	310	300	310	300	310	310	300	31[illegible]	299	310	3650
17	MEAN	27.232	27.209	27.134	27.105	27.072	27.059	27.123	27.118	27.111	27.157	27.206	27.219	27.145
	S D	.111	.107	.109	.087	.081	.080	.064	.066	.075	.093	.103	.123	.109
	TOTAL OBS	309	281	310	300	310	300	310	310	300	31[illegible]	299	309	3648
20	MEAN	27.262	27.238	27.161	27.131	27.093	27.076	27.153	27.147	27.140	27.189	27.242	27.250	27.173
	S D	.112	.108	.109	.086	.079	.079	.069	.065	.077	.092	.102	.124	.111
	TOTAL OBS	309	280	309	299	310	299	310	310	300	31[illegible]	300	309	3645
23	MEAN	27.283	27.264	27.192	27.170	27.139	27.121	27.200	27.187	27.171	27.216	27.262	27.27[illegible]	27.206
	S D	.114	.109	.109	.083	.077	.075	.066	.067	.075	.091	.105	.125	.106
	TOTAL OBS	309	281	310	300	309	300	310	310	300	31[illegible]	300	309	3648
ALL HOURS	MEAN	27.270	27.255	27.182	27.158	27.129	27.116	27.187	27.180	27.166	27.206	27.251	27.257	27.196
	S D	.115	.113	.113	.090	.086	.085	.071	.074	.080	.097	.108	.127	.110
	TOTAL OBS	2474	2252	2479	2399	2478	2399	2480	2480	2399	2480	2395	2476	29192

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23109 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 77-78,78-79 YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1016.5	1015.8	1012.8	1011.2	1009.2	1007.7	1010.2	1010.1	1010.0	1012.4	1015.1	1016.2	1012.2
	S D	4.519	4.166	4.275	3.366	3.150	2.576	2.405	2.269	2.614	3.347	4.047	4.697	4.551
	TOTAL OBS	309	282	310	300	310	300	310	310	299	310	300	310	3650
05	MEAN	1016.2	1015.5	1012.5	1011.2	1009.5	1008.3	1010.6	1010.4	1010.1	1012.5	1015.0	1015.9	1012.3
	S D	4.529	4.149	4.232	3.392	3.203	2.608	2.272	2.217	2.565	3.368	4.047	4.792	4.412
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
08	MEAN	1017.7	1016.9	1014.0	1012.5	1010.6	1009.4	1012.0	1011.8	1011.5	1013.5	1016.6	1017.4	1013.7
	S D	4.472	4.224	4.224	3.354	3.212	2.654	2.230	2.252	2.613	3.458	4.092	4.778	4.475
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	309	3649
11	MEAN	1019.2	1017.2	1014.0	1012.4	1010.2	1008.9	1011.7	1011.5	1011.3	1013.6	1016.4	1017.7	1013.8
	S D	4.312	4.168	4.179	3.362	3.235	2.748	2.300	2.233	2.640	3.419	4.005	4.592	4.612
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	299	310	3650
14	MEAN	1015.2	1014.5	1011.8	1010.4	1008.2	1007.1	1009.4	1009.3	1008.9	1011.0	1013.7	1014.7	1011.2
	S D	4.207	4.066	4.147	3.427	3.247	2.737	2.304	2.280	2.661	3.359	3.964	4.539	4.366
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	299	310	3650
17	MEAN	1015.0	1013.8	1010.8	1009.1	1006.9	1005.6	1007.8	1007.7	1007.8	1010.4	1013.4	1014.7	1010.2
	S D	4.332	4.024	4.144	3.435	3.210	2.763	2.497	2.331	2.800	3.370	3.961	4.567	4.715
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	299	309	3648
20	MEAN	1016.6	1015.2	1012.0	1010.1	1007.6	1006.0	1009.0	1008.8	1009.0	1011.8	1015.1	1016.3	1011.4
	S D	4.422	4.034	4.190	3.464	3.139	2.723	2.738	2.401	2.846	3.375	4.017	4.647	4.963
	TOTAL OBS	309	280	309	299	310	299	310	310	300	310	300	309	3645
23	MEAN	1017.0	1015.9	1013.0	1011.4	1009.2	1007.8	1010.6	1010.2	1010.0	1012.6	1015.5	1016.6	1012.5
	S D	4.455	4.131	4.229	3.410	3.061	2.656	2.535	2.451	2.746	3.333	4.115	4.687	4.653
	TOTAL OBS	309	281	310	300	308	300	310	310	300	310	300	309	3647
ALL HOURS	MEAN	1016.5	1015.6	1012.6	1011.1	1008.9	1007.6	1010.2	1010.0	1009.8	1012.3	1015.1	1016.2	1012.1
	S D	4.522	4.247	4.321	3.560	3.391	2.953	2.748	2.639	2.925	3.551	4.169	4.768	4.726
	TOTAL OBS	2474	2252	2479	2399	2477	2399	2479	2480	2399	2480	2396	2476	29190

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