USAFETAC/DS-79/009

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LEVEL II

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

DAVIS MONTHAN AFB ARIZ/TUCSON WBAN # 23109
N 32 10 W 110 53 FLD ELEV 2705 FT KDMA WMO #

PARTS A-F
POR FROM HOURLY OBS JUL 41-JAN 46, JAN 48-FEB 76
POR FROM DAILY OBS JUL 41-JAN 46, JAN 48-FEB 76

JUL 1 1976

FEDERAL BUILDING
ASHEVILLE, N. C.

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

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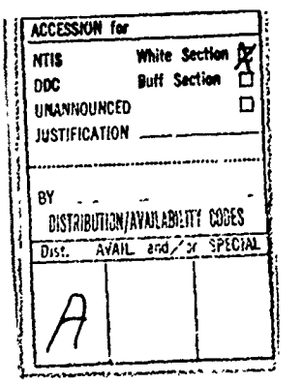

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Davis Monthan AFB, Tucson, 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)

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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_____

S74-29956

Detachment 13, 25th Weather Squadron
Davis-Monthan Air Force Base, Az

1978 RUSSWO UPDATE

	Jan	Feb	Mar	Apr	May	Jan	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Total Monthly Precipitation	3.00	2.10	1.33	0.04	0.89	0.81	1.29	1.34	2.77	1.65	1.77	3.49	20.50
24-Hour Precipitation	1.18	0.46	0.47	0.04	0.66	0.45	0.38	0.29	2.53	1.27	0.83	1.18	2.53
Total Monthly Snowfall	0	0	0	0	0	0	0	0	0	0	0	Trace	Trace
24-Hour Snowfall	0	0	0	0	0	0	0	0	0	0	0	Trace	Trace
Snow Depth	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme Surface Wind: Direction	320	280	090	140	200	110	250	190	120	060	190	120	120
Speed(Kts)	33	33	35	34	37	38	36	35	42	33	40	35	42
Extreme Maximum Temperature	72	75	85	92	103	110	107	100	98	95	84	74	110
Extreme Minimum Temperature	30	29	38	35	46	61	66	68	58	50	37	22	22

New Records:

Monthly Precipitation
- January 3.00"
- May 0.89"

24-Hour Precipitation
- January 1.18"
- Sept 2.53"

Annual Precipitation
- 20.50"

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
23109	DAVIS MONTHAN AFB ARIZ/TUCSON	N 32 10	W 110 53	2705	KDMA	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Tucson AAF Wea Sta	AAF	Jul 41	Oct 41	N 32 11	W 110 55	2613	2616	24
2	Davis Monthan Field	Same	Nov 41	Feb 48	Same	Same	Same	Same	24
3	Davis Monthan AFB	AFB	Mar 48	Mar 53	Same	Same	Same	Same	24
4	Same	Same	Apr 53	26May 53	Same	W 110 53	2636	Same	24
5	Same	Same	27May 53	16Oct 55	Same	Same	2698	Same	24
6	Same	Same	17Oct 55	3 Apr 68	N 32 10	Same	Same	2654	24
7	Same	Same	4 Apr 68	Apr 72	Same	Same	2715	Same	24
8	Same	Same	May 72	May 72	Same	Same	2705	Same	24
9	Same	Same	Jun 72	Aug 75	Same	Same	Same	Same	24
10	Same	Same	Sep 75	Feb 76	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 41	Located in bldg T-68	Anemom-eter	N/A	25 ft	
2	Sep 5	Located S half of bldg T-1242	Same	Same	Same	
3	Nov 47	Located in base operations bldg	Same	Same	30 ft	
4	Jul 50	Located on top of control tower	Selsyn	ML144A	66 ft	
5	14 Apr54	Located on roof of wea sta	AN/GMQ-1	ML144	35 ft	
6	4 May 55	Mounted on roof of bldg	Same	N/A	25 ft	
7	17 Oct55	Mounted on top of wea sta	Same	N/A	40 ft	
8	2 Mar 56	Located between active runway & ramp 750' from centerline of rnwy & opposite base operations bldg	AN/GMQ-1	RO-2	13 ft	

USAFETAC FORM NOV 73 3-19 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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	
9	6 Aug 57	Located 800' from end of rnwy 120 on the SW side	Same	Same	Same	
10	1 Apr 58	Located 800' on the NE side of rnwy approx. center of rnwy	Same	Same	Same	
11	12 Apr 60	Located 500' from rnwy centerline on SW side approx. midway along the length	Same	Same	Same	
12	4 Feb 69	1. Rnwy 12, 800' from centerline on SW side, 1000' from end of rnwy	Same	RO 362	Same	
		2. Rnwy 30, 500' from centerline on SW side, 1000' from end of rnwy	Same	Same	Same	
13	Jan 71	1. Same	Same	RO 214	Same	
		2. Same	AN/GMQ-20	RO 362	Same	
14	May 72	1. Same	1 & 2	1 & 2	Same	
		2. Same	Same	Same	Same	
15	Aug 75	1. Same	1 & 2	1 & 2	Same	
		2. Same	Same	Same		
16	Feb 76	1. Same	1 & 2	1 & 2	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 le[illegible] than .05 percent, which is usually only one occurrence. The various phenomena included in each category on th[illegible] are listed below:

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	41-46,43-76	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.2		.2	.0	3.3	.4	.1		.1	.5	25120
FEB		.0	2.9		.2	.0	3.0	.2	.1		.1	.4	21681
MAR		.1	2.9		.1	.0	3.0	.1	.0		.2	.4	23718
APR		.2	1.3		.0	.0	1.3		.0		.1	.1	22916
MAY		.2	.4		.0		.4	.0	.0		.0	.1	23647
JUN		.6	.8				.8		.1		.1	.2	22638
JUL		3.7	4.6				4.6	.0	.0		.1	.1	23791
AUG		3.4	3.7				3.7		.0		.1	.1	24475
SEP		1.4	2.4				2.4	.0	.1		.0	.1	23586
OCT		.5	2.0				2.0	.1	.0		.1	.2	24375
NOV		.1	1.8		.1		1.9	.2	.0		.1	.4	23639
DEC		.1	3.4		.2	.0	3.5	.7	.1		.1	.9	24461
TOTALS		.9	2.5		.1	.0	2.5	.1	.0		.1	.3	284253

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WEATHER CONDITIONS

23109 | DAVIS MONTHAN AFB ARIZONA(TUCSON) | 42-46,48-76 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.0	3.5		.4		3.7	.4				.4	3139
	03-05		3.5		.3		3.7	.4			.1	.5	3147
	06-08		3.6		.3		3.8	.6	.1		.1	.8	3146
	09-11		2.8		.2		2.9	.8	.2		.2	1.2	3142
	12-14	.1	2.7		.1		2.7	.3			.1	.4	3141
	15-17	.1	2.8			.0	2.9	.2	.1		.1	.4	3141
	18-20	.1	3.1		.2		3.2	.3	.0			.3	3130
	21-23	.0	3.2		.2		3.4	.1	.0			.2	3134
TOTALS		.0	3.2		.2	.0	3.3	.4	.1		.1	.5	25126

DATA PROCESSING BRANCH
USAF ETAC
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WEATHER CONDITIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
42-45,48-76 — 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		2.4		.3		2.6	.1			.0	.2	2706
	03-05	.0	2.8		.2		3.0	.4			.0	.4	2712
	06-08	.0	2.4		.0	.0	2.4	.6	.3		.1	1.0	2715
	09-11		2.1		.2		2.2	.4	.1		.0	.6	2711
	12-14	.0	2.0		.0		3.0	.1	.0		.1	.2	2714
	15-17	.0	4.2		.1		4.2	.1			.3	.5	2710
	18-20	.1	3.4		.3		3.5	.1			.1	.3	2707
	21-23	.0	3.0		.2		3.1				.1	.1	2706
TOTALS		.0	2.9		.2	.0	3.0	.2	.1		.1	.4	21681

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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/CR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.1	2.6		.2		2.7	.2				.?	2969
	03-05		2.8		.2	.0	3.0	.1			.1	.2	2965
	06-08	.0	2.4		.1		2.5	.1	.2		.1	.5	2968
	09-11		2.8		.1		2.9	.2	.1		.4	.7	2967
	12-14	.1	3.3		.2		3.4	.0			.4	.5	2964
	15-17	.3	3.3		.2		3.3	.2			.3	.4	2962
	18-20	.2	3.0				3.0	.1			.4	.5	2961
	21-23	.1	3.1		.1		3.2	.1			.0	.1	2962
TOTALS		.1	2.9		.1	.0	3.0	.1	.0		.2	.4	23718

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
42-45,48-75 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02		1.1				1.1		.0			.0	2865
	03-05	.0	1.4		.1		1.4		.0			.0	2862
	06-08	.0	.7				.7		.0		.1	.1	2869
	09-11	.1	1.1				1.1				.2	.2	2867
	12-14	.2	1.2				1.2		.0		.2	.2	2864
	15-17	.5	2.0				2.0				.3	.3	2862
	18-20	.4	1.6			.0	1.6				.1	.1	2861
	21-23	.1	1.2			.0	1.2				.1	.1	2866
TOTALS		.2	1.3		.0	.0	1.3		.0		.1	.1	22916

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
42-45,48-75 — 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	.1	.3				.3		.0		.0	.1	2958
	03-05	.1	.2				.2						2961
	06-08	.0	.2				.2						2964
	09-11		.2		.0		.2	.0			.0	.1	2949
	12-14	.2	.4				.4		.1		.0	.1	2950
	15-17	.3	.9				.9				.1	.1	2950
	18-20	.4	.6				.6		.0		.1	.1	2958
	21-23	.1	.3				.3		.0			.0	2957
TOTALS		.2	.4		.0		.4	.0	.0		.0	.1	23647

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

DATA PROCESSING BRANCH
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WEATHER CONDITIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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	.2	.5				.5				.1	.1	2860
	03-05	.2	.3				.3						2860
	06-08	.1	.3				.3		.0		.1	.1	2869
	09-11		.2				.2		.1		.0	.1	2868
	12-14	.5	.5				.5		.2		.2	.4	2844
	15-17	1.5	1.5				1.5		.1		.2	.3	2839
	18-20	1.5	1.9				1.9		.1		.2	.4	2845
	21-23	.7	1.0				1.0		.1		.2	.2	2853
TOTALS		.6	.8				.8		.1		.1	.2	22838

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WEATHER CONDITIONS

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	41-45,48-75	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.1	5.4				5.4				.1	.1	2981
	03-05	1.1	3.0				3.0		.0			.0	2977
	06-08	.7	2.4				2.4		.0			.0	2979
	09-11	.3	1.7				1.7		.0			.0	2974
	12-14	1.9	2.1				2.1				.1	.1	2967
	15-17	6.8	4.9				4.9		.0		.1	.2	2968
	18-20	9.6	8.9				8.9	.1			.3	.4	2965
	21-23	5.8	8.6				8.6		.0		.1	.1	2980
TOTALS		3.7	4.6				4.6	.0	.0		.1	.1	23791

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.9	3.6				3.6						3057
	03-05	1.1	2.6				2.6						3055
	06-08	.7	1.8				1.8		.0			.0	3064
	09-11	.2	.9				.9						3063
	12-14	2.1	1.6				1.6		.0		.1	.2	3061
	15-17	6.8	5.0				5.0				.2	.2	3055
	18-20	8.9	7.8				7.8				.2	.2	3065
	21-23	5.1	6.2				6.2				.0	.0	3055
TOTALS		3.4	3.7				3.7		.0		.1	.1	24475

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.6	1.7				1.7		.0			.0	2949
	03-05	.4	1.7				1.7				.1	.1	2949
	06-08	.3	1.6				1.6	.1	.4		.0	.5	2948
	09-11	.0	1.7				1.7	.1	.1			.1	2944
	12-14	1.2	1.8				1.8						2950
	15-17	3.6	3.6				3.6		.0		.0	.1	2947
	18-20	3.2	4.1				4.1				.1	.1	2949
	21-23	1.6	2.9				2.9						2950
TOTALS		1.4	2.4				2.4	.0	.1		.0	.1	23586

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
41-45,48-75 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02	.5	1.4				1.4	.1			.1	.3	3051
	03-05	.4	1.7				1.7				.1	.1	3043
	06-08	.2	2.1				2.1	.1	.1		.1	.2	3050
	09-11	.1	1.8				1.8	.2			.2	.4	3045
	12-14	.5	2.0				2.0	.1			.2	.3	3040
	15-17	.9	2.7				2.7	.1	.0		.0	.2	3044
	18-20	.9	2.9				2.9						3050
	21-23	.4	1.5				1.5				.0	.0	3052
TOTALS		.5	2.0				2.0	.1	.0		.1	.2	24375

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	41-45,48-75	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.1	1.7				1.7	.2			.1	.3	2963
	03-05	.0	1.9		.0		1.9	.4			.1	.5	2957
	06-08	.0	1.6				1.6	.2			.1	.3	2956
	09-11		1.7		.1		1.8	.2	.2		.3	.7	2950
	12-14		2.2		.1		2.3	.3	.1		.2	.5	2951
	15-17	.1	2.2		.1		2.2	.2			.1	.3	2949
	18-20	.1	1.9		.1		1.9	.0			.0	.1	2955
	21-23	.1	1.4		.1		1.5	.2				.2	2958
TOTALS		.1	1.8		.1		1.9	.2	.0		.1	.4	23639

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02	.1	3.4		.3		3.5	.8	.0		.0	.8	3056
	03-05	.1	3.0		.1		3.1	.8			.1	.9	3054
	06-08	.0	3.3		.2		3.5	1.0	.2			1.3	3053
	09-11	.1	3.1		.2		3.3	1.2	.3		.1	1.6	3061
	12-14	.2	3.1		.2	.0	3.2	.3	.1		.2	.6	3056
	15-17	.1	4.1		.2	.0	4.3	.4			.2	.6	3062
	18-20	.1	4.2				4.2	.4			.0	.5	3061
	21-23		3.2				3.2	.5				.5	3058
TOTALS		.1	3.4		.2	.0	3.5	.7	.1		.1	.9	24461

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.

S74-29980

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

23109	DAVIS MONTHAN AFB ARIZONA/TUCSON	46,	46-76	ALL
STATION	STATION NAME		YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	17.2		1.8	.3	17.3	3.1	.1			3.2	930
FEB		1.5	15.7		1.8	.8	16.3	2.0			.3	2.3	797
MAR		1.6	19.5		1.8	.7	19.1	1.3			.1	1.4	858
APR		3.0	10.7	.1	.4	.8	10.4	.1				.1	840
MAY		2.3	6.5	.1	.1	.1	6.2	.1			.1	.2	868
JUN		7.1	11.5			.2	11.1				.7	.7	840
JUL		44.3	53.3			.7	52.0	.2	.2		1.7	2.1	867
AUG		40.2	43.3			.6	42.5	.1	.1		.3	.5	868
SEP		15.3	23.6			.1	23.2	.7	.2		.1	1.0	839
OCT		5.4	14.5			.6	14.4	1.0				1.0	868
NOV		1.0	13.4		.6		12.9	1.6	.1			1.6	830
DEC		1.2	18.4		2.6	.5	18.8	3.7				3.7	868
TOTALS		10.3	20.6	.0	.8	.4	20.3	1.2	.1		.3	1.5	10283

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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

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

74-29961

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 61-66, 68-76
STATION STATION NAME 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	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	82.1	6.9	.6	2.7	2.0	2.2	2.7	1.1	.1					11.5	1054	.75	7.85	.00
FEB	82.1	5.8	.6	2.7	2.0	3.2	1.3	.5	.4					12.1	915	.65	2.91	.00
MAR	86.1	6.6	.9	3.2	2.3	3.1	1.6	1.0	.1					13.1	992	.71	2.32	.00
APR	89.2	5.2	.4	1.5	.6	1.4	1.2	.2	.1					5.6	960	.32	1.78	.00
MAY	93.4	4.7	.2	.5		.7	.2	.1						1.8	992	.06	.68	.00
JUN	88.4	6.4	1.0	1.4	.6	1.1	.9	.1						5.2	960	.20	1.15	.00
JUL	47.5	22.4	3.6	7.5	4.8	5.9	5.1	2.4	.7					30.0	999	1.97	4.76	.00
AUG	55.2	12.4	2.5	6.9	3.6	4.9	3.8	2.6	1.0					25.0	1010	1.76	4.89	.00
SEP	75.5	11.7	.9	2.7	1.7	3.5	2.4	1.3	.3					12.8	988	1.09	3.23	.00
OCT	84.9	5.8	.6	2.5	2.0	1.6	1.2	1.7	.2					9.1	1023	.51	4.90	.00
NOV	87.4	3.7	.6	1.3	1.1	2.4	1.9	.3	.2					6.8	980	.62	2.10	.00
DEC	80.7	6.2	.8	2.9	1.8	3.3	2.3	1.8	.3					13.2	1019	1.00	5.81	.00
ANNUAL	78.9	8.7	1.1	3.0	1.9	2.9	2.1	1.1	.3					17.4	11887	9.94		

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

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

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 STATION — DAVIS MONTHAN AFB ARIZONA/TUCSON STATION NAME — 41-46, 48-76 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							*.00	*.00	.88	.34	.60	* 1.20	
42	.34	1.01	.26	.64	.00	.00	.88	.72	1.04	.15	TRACE	.15	1.04
43	.33	.19	1.95	.05	.68	.02	.30	1.11	2.27	.17	.00	.50	2.27
44	.29	.42	.62	1.04	.29	.01	.96	.88	.75	.39	.50	.62	1.04
45	.29	.26	.21	.12	TRACE	.00	2.18	1.46	.14	.83	.00	.11	2.18
46	.97												
48	TRACE*	.55	.05	TRACE	.00	TRACE	2.29	.66	.58	.30	TRACE	.39	2.29
49	.47	.07	.23	.29	TRACE	TRACE	.64	.99	1.18	.05	.18	.97	1.18
50	.14	1.10	.07	TRACE	TRACE	.30	1.42	.71	.74	.19	TRACE	.24	1.42
51	.45	.35	.08	.48	.04	.00	.52	.68	.36	1.89	.69	.21	1.89
52	.52	.18	.54	.38	TRACE	.33	.42	1.36	.19	.00	1.07	.20	1.36
53	.05	.49	.37	.02	.01	.54	1.02	.13	.00	TRACE	.19	.16	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	TRACE	*TRACE	.95
56	.65	.33	.00	.20	TRACE	.01	.54	.68	TRACE	.24	TRACE	.26	.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	.38	.58	.87	.00	2.28
59	.02	.23	TRACE	.01	.00	.11	.88	.58	TRACE	.81	.54	.88	.88
60	1.08	.53	.18	.00	TRACE	TRACE	.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	TRACE	.68	.50	1.98	.05	.22	.42	1.98
63	.85	.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	.02	1.78
65	.33	.25	.12	.35	.02	.08	1.22	.73	* .18	.16	.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	.99	.78	1.69	.62	TRACE	.24	1.69
71	.07	.19	TRACE	.44	TRACE	TRACE	.44	.90	.57	1.00	.49	.78	1.00
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 41-46, 48-76

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
72	.00	.00	TRACE	.00	.21	.33	.58	.48	.59	1.70	.67*	.44	1.70
73	.04	1.24	.56	.02	.01	.35	.75	.11	TRACE	.00	.05	.00	1.24
74	.66	.02	.41	TRACE	.00	.22	.75	.45	.64	.90	.08	.28	.90
75	.23	.19	.64	.14	TRACE	.00	.41	.67	.31	.02	.22	.67	.67
76	.14	.42											
MEAN	.364	.372	.349	.208	.068	.138	.835	.767	.645	.468	.353	.438	1.384
S. D	.296	.349	.382	.243	.144	.165	.546	.454	.629	.479	.330	.366	.516
TOTAL OBS.	1054	910	992	960	992	960	999	1010	988	1027	980	1019	11887

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 (STATION) DAVIS MONTHAN AFB ARI/ONA/TUCSON (STATION NAME) 41-46, 48-76 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
41							* .00	* .00	1.34	.46	.62	* 2.97	
42	.46	1.53	.28	.71	.00	.00	1.63	1.00	1.82	.38	TRACE	.36	8.17
43	.40	.29	2.23	.05	.68	.05	.70	2.87	2.89	.27	.00	.84	11.27
44	.38	1.02	1.09	1.04	.29	.01	1.21	1.88	1.72	1.19	1.44	1.35	12.62
45	.49	.47	.54	.16	TRACE	.00	2.84	4.89	.18	1.72	.00	.24	11.53
46	2.20												
48	TRACE	* 1.21	.06	TRACE	.00	TRACE	3.29	.87	.90	.49	TRACE	1.27	* 8.09
49	1.20	.10	.26	.47	TRACE	TRACE	.95	1.01	1.96	.09	.28	.75	7.17
50	.18	1.39	.09	TRACE	TRACE	.50	4.26	.75	.78	.14	TRACE	.24	8.33
51	1.01	.61	.12	1.78	.04	.00	1.45	2.14	.81	2.32	1.76	.67	12.71
52	.57	.18	1.86	.93	TRACE	.39	1.47	2.64	.19	.00	2.10	.52	10.85
53	.06	.89	.79	.02	.01	.54	4.76	.29	.00	TRACE	.20	.16	7.72
54	.86	.50	1.46	.00	.32	.53	1.80	1.99	1.51	.07	.00	.07	8.99
55	1.57	.16	TRACE	TRACE	TRACE	.01	2.05	2.41	.02	.31	TRACE	*TRACE	* 7.43
56	1.11	.88	.00	.24	TRACE	.02	1.68	1.22	TRACE	.26	TRACE	.26	5.67
57	2.85	.40	1.21	.09	.03	.24	1.01	2.47	.00	3.06	.84	.79	12.99
58	TRACE	1.19	2.32	.91	TRACE	.53	2.82	2.18	.96	.77	1.00	.00	12.67
59	.02	.23	TRACE	.01	.00	.19	3.45	2.34	TRACE	1.26	.81	2.68	10.99
60	2.02	.60	.30	.00	TRACE	TRACE	.95	1.18	.87	.78	.05	.55	7.30
61	1.19	.02	.48	TRACE	.00	.24	2.09	4.09	.30	.60	.54	2.26	11.81
62	1.31	.38	.29	TRACE	.00	TRACE	1.35	.57	2.35	.05	.45	.91	8.26
63	.92	1.19	.58	.35	TRACE	.02	1.18	2.51	1.16	.58	.96	.16	9.63
64	.38	.04	.54	.57	TRACE	.04	1.89	1.59	3.17	.74	* .79	.94	*10.69
65	.38	.47	.27	.37	.02	.11	1.85	2.38	* .47	.18	.90	5.81	*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	1.36	.78	TRACE	TRACE	1.82	2.72	TRACE	.09	1.58	.38	10.59
69	.74	.41	.29	.17	.41	TRACE	1.22	1.44	.61	TRACE	1.29	.62	7.40
70	TRACE	.24	1.37	.06	.23	.43	2.21	2.13	2.83	.67	TRACE	.40	10.52
71	.08	.47	TRACE	.44	TRACE	TRACE	1.24	3.17	1.12	1.26	.83	2.12	10.73
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23109 STATION — DAVIS MONTHAN AFB ARIZONA/TUCSON STATION NAME — 41-46, 48-76 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	.00	.00	TRACE	.00	.35	1.15	1.71	1.55	.97	4.90	1.10*	.73	*12.46
73	.12	2.02	2.67	.02	.01	.60	2.70	.34	TRACE	.00	.98	.00	8.86
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	2.09	.15	.78	.03	.30	.69	6.32
76	.14	.87											
MEAN	.733	.653	.713	.319	.682	.201	1.709	1.764	1.095	.914	.617	1.004	9.988
S. D.	.739	.597	.709	.414	.163	.271	.997	1.099	.984	1.142	.560	1.232	2.196
TOTAL OBS.	1054	910	992	960	992	960	999	1010	988	1023	985	1019	11587

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 46J 46-76
STATION STATION NAME 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	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	98.3	1.4	.1	.3		.2								.6	930	.3	4.9	.0
FEB	98.3	1.0	.1											.1	766	TRACE	.1	.0
MAR	98.3	1.5			.2									.2	868	.1	4.1	.0
APR	97.5	.5													840	TRACE	TRACE	.0
MAY	99.9	.1													868	TRACE	TRACE	.0
JUN	100.0														840	.0	.0	.0
JUL	100.0														867	.0	.0	.0
AUG	100.0														868	.0	.0	.0
SEP	100.0														838	.0	.0	.0
OCT	100.0														868	.0	.0	.0
NOV	99.4	.5							.1					.1	830	.2	6.6	.0
DEC	97.5	2.0	.1	.3				.1						.6	866	.3	6.0	.0
ANNUAL	99.3	.6	.0	.0	.0	.0		.0	.0					.1	10249	.9		

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SER.ICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23109 STATION | DAVIS MONTHAN AFB ARIZONA/TUCSON STATION NAME | 46, YEARS | 48-76 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0												
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.5
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	2.6	.0	.0	TRACE	.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	.0	.0	.0	.0	.0	.0	.0	.0	6.0	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	.0	.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											
MEAN	.18	.00	.08	TRACE	TRACE	.00	.00	.00	.00	.00	.24	.28	.65
S.D.	.648	.017	.416	.000	.000	.000	.000	.000	.000	.000	1.247	1.139	1.881
TOTAL OBS.	930	766	860	840	868	840	867	868	838	868	830	866	10249

NOTE * (BASED ON < FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 46, 48-76
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0												
47	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .00
49	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
51	3.6	.0	.0	TRACE	.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	.00
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	.00
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	.00
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	.8	* .8
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	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.1
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	.0	.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											
MEAN	.30	.00	.15	TRACE	TRACE	.00	.00	.00	.00	.00	.24	.29	1.03
S.D.	1.0*1	.017	.775	.000	.000	.000	.000	.000	.000	.000	1.247	1.140	2.098
TOTAL OBS.	9	766	868	840	868	840	867	868	838	869	830	866	10249

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23109 — STATION
DAVIS MONTHAN AFB ARIZONA/TUCSON — STATION NAME
41-46, 46-76 — 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	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.[illegible]	.3	.4			.1								.3	1054			
FEB	99.[illegible]	.[illegible]	.1			.1								.2	910			
MAR	99.[illegible]	.1				.1								.1	992			
APR	100.0														960			
MAY	100.0														992			
JUN	100.0														960			
JUL	100.0														1006			
AUG	100.0														1023			
SEP	100.0														988			
OCT	100.0														1023			
NOV	100.0														990			
DEC	99.[illegible]	.2	.1		.1	.1								.3	1023			
ANNUAL	99.[illegible]	.1	.[illegible]		.0	.0								.1	11911			

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

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

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 41-46, 48-76
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							0	0	0	0	0	TRACE	
42	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
46	0												
48	0*	0	0	0	0	0	0	0	0	0	0	0	0
49	3	0	0	0	0	0	0	0	0	0	0	4	4
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	1	0	0	0	0	0	0	0	0	0	0	0	1
52	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	4	0	0	0	0	0	0	0*	0	0	4
65	0	6	0	0	0	0	0	0*	0	0	0	0	6
66	0	1	0	0	0	0*	0	0	0	0	0	0	1
67	0*	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	1	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	3	3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 41-66, 48-76
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0											
MEAN	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3
S. D.	.869	1.053	.787	.000	.000	.000	.000	.000	.000	.000	.000	.857	1.875
TOTAL OBS.	1054	910	992	960	992	960	1006	1023	988	1023	990	1023	11911

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 0-88-5 (OLI)

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

74-29762

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 46, 48-76
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	SSW*34		WSW*33	*42	SW*32	SE 41			ESE*38	S *35	W *42	SSE*23	
49	WSW 41	SSW 32	SSW 36	W 31	NW 33	SSW 33	NW 35	E 36	S 37	S 35	SW *26	WSW 50	WSW 50
50	WSW 36	S 37	SW 45	SSW 32	WSW 40	SW 49	ENE 44	WSW 44	ENE 32	SW 29	ESE 31	WSW 32	SW 49
51	S 30	ESE 30	E 33	S 32	S 44	NW 21	SSE 40	S 47	SSE 43	SW 37			
52	ENE*24	E*36	S 43	SW 56	NW 31	W 34	SSE 56	SW 41	NE 40	W 29	N 43	W 42	SW 56
53	NW 31	W 43	NW 36	SSW 42	WSW 30	ESE 35	SSW 46	W 35	NW 23	ESE*41	NW*43	NW 49	NNW 49
54	SSW 30	SW 36	W 37	WSW 36	SW 42								
55													
56	SW *36	SSW 28	WNW 36	SSW 38	SW 30	W 34	SE 45	NW 44	SE 33	SW 29	ESE 35	ESE 28	ESE 45
57	ESE 35	NW 24	SW 32	W 40	SE 35	NW 34	S 42	E 37	ENE 26	W 45	ESE 29	ESE 33	SW 45
58	NE 30	W 32	SSW 31	S 33	SSE 45	NNW 60	E 41	ESE 40	ENE 40	SE 37	NNW 32	N 23	NNW 60
59	S 28	W 36	WSW 37	SE 31	S 35	SE 35	ESE 50	ESE 28	SSW 32	SE 32	ENE 29	W 35	ESE 50
60	SE 26	W 34	NW 34	WSW 30	S 31	N 36	ENE 45	NE 35	N 46	NW 33	ESE 31	SW 29	N 46
61	ESE 33	W 38	SW 31	WSW 37	SW 32	E 48	SE 39	WSW 36	ESE 29	E 38	SE 38	SE 26	SE 48
62	ENE 41	W 30	NW 36	SW 35	SSW 33	SSW 41	NE 45	SE 38	NW 47	ESE 33	ESE 29	WSW 34	NE 49
63	W 30	SE 31	W 39	SW 32	ESE 26	SSW 36	S 37	ENE*25	SW *24	SW *23	W 31	ENE 27	W 39
64	E 26	NW 30	SW 38	S 44	SW 31	ENE 41	SE 40	ESE 35	N 32	SW 29	S *28	ESE 32	S 44
65	NW 26	W 32	W 47	ENE 33	NE 39	ESE 37	ESE 47	N 45	E 36	E 49	SW 34	E 41	E 49
66	E 31	ESE 36	SW 35	N 40	ESE 36	ENE 35	NNE 61	NE 52	E 40	N 29	SW 35	SSW 36	NNE 61
67	ESE 33	SSW 36	S 35	SSW 33	SW 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	20/ 29	11/ 45	26/ 38	11/ 46
69	13/ 27	21/ 40	22/ 36	23/ 29	9/ 30	16/ 38	6/ 53	6/ 62	10/ 36	21/ 33	5/ 40	29/ 33	6/ 62
70	30/ 29	12/ 46	21/ 35	22/ 39	5/ 43	17/ 41	15/ 46	5/ 32	12/ 35	20/ 36	20/ 31	24/ 30	12/ 46
71	24/ 37	20/ 56	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/ 48	15/ 45	23/ 44	20/ 37	19/ 30	33/ 38	31/ 32	24/ 48
73	21/ 35	21/ 36	27/ 31	10/ 34	10/ 38	21/ 35	3/ 48	15/ 37	16/ 29	29/ 26	17/ 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	13/ 42	25/ 30	16/ 67	19/ 39	20/ 40	16/ 29	19/ 43	27/ 31	10/ 67
76	12/ 31	12/ 37											
MEAN	31.8	34.9	35.9	35.9	35.8	36.3	47.0	40.5	35.4	33.1	34.0	33.8	36.5
S.D	4.381	5.588	4.240	5.717	5.046	7.097	7.506	7.891	5.894	5.858	5.982	6.958	6.744
TOTAL OBS.	819	746	831	795	824	778	772	758	756	764	708	740	9290

NOTES * (BASED ON < FULL MONTHS)
$ (BASED ON < FULL MONTHS AND +100 KNOTS)

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-46,48-76 (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	.7	.9	.5	.1	.0	.0	.0					2.2	5.4
NNE	.3	.3	.1	.0	.0	.0						.8	4.9
NE	.4	.4	.3	.1	.0	.0	.0					1.3	6.1
ENE	.4	.5	.5	.3	.1	.0	.0	.0				1.7	7.2
E	1.0	1.7	1.2	.4	.1	.0	.0					4.5	6.4
ESE	1.3	2.8	1.8	.9	.2	.0	.0					7.0	6.9
SE	3.1	7.3	3.8	.9	.2	.0	.0					15.3	6.0
SSE	2.3	4.7	2.2	.3	.0	.0	.0					9.5	5.4
S	2.3	3.4	2.0	.4	.1	.0	.0	.0				8.2	5.5
SSW	.9	1.2	1.0	.6	.1	.0	.0	.0				3.7	7.2
SW	.8	1.2	1.3	.8	.2	.1	.0	.0				4.4	7.9
WSW	.7	1.0	1.1	.6	.1	.0	.0	.0				3.6	7.8
W	1.1	2.0	2.1	.9	.2	.0	.0					6.4	7.4
WNW	.6	1.6	1.8	.8	.1	.0	.0	.0				5.1	7.5
NW	1.2	2.4	1.0	1.3	.2	.0	.0	.0				8.1	7.5
NNW	.7	1.2	1.2	.4	.0	.0	.0					3.5	6.7
VARBL													
CALM												14.6	
	18.0	32.8	23.9	8.8	1.6	.3	.0	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 283978

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB AKI/ONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.9	.3	.0								2.3	4.3
NNE	.4	.3	.1	.0	.0							.9	4.2
NE	.6	.5	.2	.1	.0	.0						1.5	5.1
ENE	.4	.5	.6	.3	.1	.0	.0	.0				2.0	8.0
E	1.1	2.0	1.6	.6	.1	.0						5.5	6.8
ESE	1.4	3.5	2.5	1.5	.3	.1	.0					9.2	7.5
SE	3.5	8.5	4.9	1.4	.2	.1						18.4	6.2
SSE	2.5	5.1	2.8	.4	.0	.0						10.9	5.7
S	2.0	2.7	1.5	.3	.0	.0						6.5	5.4
SSW	.8	.8	.7	.4	.1	.0	.0					3.0	7.3
SW	.8	.7	.6	.4	.1	.0	.0					2.6	7.2
WSW	.5	.5	.4	.3	.1	.0						1.9	7.2
W	1.0	1.3	1.0	.4	.1	.0	.0					3.8	6.3
WNW	.9	1.5	1.3	.5	.0	.0	.0					4.2	6.6
NW	1.5	2.4	2.4	.8	.2	.0						7.3	6.9
NNW	.9	1.4	.8	.2	.0							3.4	5.6
VARBL													
CALM												16.7	
	19.4	32.6	21.7	7.7	1.4	.4	.0	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 25121

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION — DAVIS MONTHAN AFB, ARIZONA(TUCSON) STATION & — 42-45,48-76 YEARS — FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.4	.1								2.1	4.8
NNE	.3	.4	.1	.0								.8	4.6
NE	.3	.5	.3	.2	.0	.0						1.3	6.5
ENE	.4	.6	.2	.3	.1	.0						2.0	7.2
E	1.1	1.7	1.1	.4	.1	.0	.0					4.3	6.1
ESE	1.5	3.2	2.0	1.0	.3	.0	.0					8.0	6.9
SE	3.6	8.2	4.4	.9	.1	.0	.0					17.3	5.9
SSE	2.4	5.1	2.5	.2	.0							10.2	5.3
S	2.0	2.9	1.3	.3	.0	.0						6.5	5.2
SSW	.8	.9	.7	.5	.1	.0	.0					3.0	7.2
SW	.7	.9	.8	.5	.2	.0	.0					3.1	7.6
WSW	.5	.9	.7	.5	.1	.0	.0					2.7	7.7
W	1.1	1.9	1.7	.9	.2	.0	.0					5.8	7.3
WNW	.8	1.8	1.9	.9	.2	.0	.0					5.7	7.8
NW	1.2	2.7	3.1	1.4	.2	.0		.0				8.7	7.6
NNW	.8	1.4	1.0	.3	.0							3.6	6.2
VARBL													
CALM												14.8	
	18.1	34.1	22.6	8.2	1.7	.3	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 21675

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.4	.1	.0							2.0	5.2
NNE	.3	.2	.1	.0								.6	4.2
NE	.4	.3	.1	.1	.0							1.0	5.0
ENE	.3	.4	.3	.2	.0							1.3	6.7
E	.8	1.3	.6	.2	.0	.0						2.9	5.7
ESE	1.3	3.1	1.3	.3	.0	.0						6.2	5.7
SE	3.1	7.7	3.0	.3	.1	.0						14.2	5.3
SSE	2.3	4.3	2.0	.1	.0	.0						8.7	5.1
S	2.0	2.9	1.6	.4	.2	.0	.0					7.1	5.7
SSW	.9	1.2	1.1	.8	.2	.0	.0					4.2	7.8
SW	.8	1.2	1.3	1.2	.4	.1	.0					5.0	9.2
WSW	.7	1.1	1.2	.9	.3	.1	.0					4.3	8.6
W	1.1	2.1	2.3	1.4	.4	.1	.0					7.4	8.2
WNW	.8	2.0	2.4	1.3	.2	.0	.0					6.8	8.1
NW	1.2	2.6	3.6	1.8	.3	.1	.0					9.5	8.1
NNW	.7	1.1	1.2	.5	.1	.0						3.5	7.1
VARBL													
CALM												15.2	
	17.5	32.3	22.7	9.6	2.2	.5	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 23716

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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	.7	.7	.5	.1	.0	.0						2.0	5.6
NNE	.2	.2	.1	.0	.0							.6	5.0
NE	.3	.3	.2	.1	.0							.9	5.6
ENE	.3	.3	.2	.1	.0	.0						1.0	6.1
E	.9	1.2	.6	.2	.0							2.9	5.6
ESE	1.0	2.4	1.1	.3	.1	.0	.0					4.8	5.8
SE	2.5	7.2	2.7	.4	.1	.0						12.8	5.4
SSE	1.9	4.5	1.9	.1	.0	.0						8.4	5.2
S	2.2	3.4	1.9	.4	.1	.0						7.9	5.6
SSW	.9	1.2	1.3	.9	.2	.0	.0					4.5	7.8
SW	.9	1.5	2.0	1.4	.4	.1	.0	.0				6.2	8.8
WSW	.7	1.3	1.6	1.4	.3	.1	.0	.0				5.6	9.2
W	1.4	2.4	3.7	2.0	.5	.1	.0					10.1	8.6
WNW	.8	1.8	2.4	1.3	.2	.0	.0					6.7	8.3
NW	1.0	2.5	3.6	1.7	.3	.0						9.2	8.2
NNW	.5	1.2	1.5	.6	.1	.0	.0					4.0	7.8
VARBL													
CALM												12.4	
	16.2	32.1	25.4	11.1	2.3	.5	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 22913

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.8	.1	.0							2.3	6.2
NNE	.4	.3	.2	.0	.0							.9	5.0
NE	.3	.4	.4	.1	.0							1.2	5.8
ENE	.3	.3	.2	.2	.0	.0						1.0	6.7
E	.9	1.1	.6	.2	.0	.0						2.8	5.5
ESE	1.0	2.3	.9	.4	.1	.0						4.7	6.0
SE	2.2	6.6	2.6	.3	.1	.0						11.7	5.5
SSE	2.1	4.9	1.8	.1	.0	.0						8.9	5.1
S	2.2	3.6	2.0	.4	.0	.0	.0					8.3	5.6
SSW	1.0	1.6	1.4	.9	.2	.0						5.1	7.5
SW	1.0	1.7	2.6	1.7	.4	.1	.0					7.5	8.8
WSW	.8	1.7	2.6	1.7	.3	.0						7.0	8.5
W	1.2	3.0	4.1	2.2	.3	.1	.0					10.9	8.2
WNW	.6	1.5	2.3	1.1	.2	.0						5.7	8.2
NW	.8	2.1	3.0	1.3	.2	.0						7.5	8.0
NNW	.5	1.1	1.2	.5	.0	.0						3.4	7.2
VARBL													
CALM												11.1	
	16.0	32.8	26.6	11.2	1.9	.3	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 23563

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.6	.2	.0	.0						2.3	6.3
NNE	.3	.3	.1	.0								.7	4.4
NE	.3	.3	.2	.1	.0	.0						.8	5.9
ENE	.3	.3	.2	.1	.0	.0	.0					.9	6.5
E	.7	1.2	.6	.1	.0	.0						2.8	5.6
ESE	1.0	2.1	.8	.4	.1	.0	.0					4.5	6.3
SE	2.2	5.8	2.1	.4	.1	.0						10.7	5.5
SSE	1.8	4.3	1.4	.2	.0	.0						7.7	5.1
S	2.2	3.3	2.3	.3	.1	.0		.0				8.2	5.7
SSW	1.0	1.5	1.5	.8	.2	.0	.0					5.1	7.4
SW	1.1	1.9	2.3	1.6	.4	.1						7.4	8.5
WSW	.8	1.8	2.3	1.5	.4	.1						6.9	8.7
W	1.2	2.8	3.8	1.8	.3	.0						10.0	8.0
WNW	.8	1.9	2.7	1.4	.1	.0						7.0	8.0
NW	.9	2.3	3.7	2.2	.2	.0						9.4	8.4
NNW	.5	1.2	1.7	1.0	.1							4.4	8.0
VARBL													
CALM												11.3	
	15.9	31.6	26.3	12.1	2.2	.4	.0	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 22687

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.5	1.0	.9	.2	.0	.0	.0					2.7	5.2
NNE	.3	.4	.2	.1	.0							1.1	6.2
NE	.4	.5	.3	.1	.0	.0						1.4	6.5
ENE	.3	.5	.4	.3	.1	.0	.0	.0				1.6	7.8
E	.9	1.5	1.2	.3	.1	.0	.0					4.0	6.7
ESE	1.0	1.9	1.7	.7	.2	.1						5.5	7.2
SE	2.3	4.8	3.3	1.2	.2	.1	.0					11.9	6.6
SSE	2.3	4.1	2.1	.5	.1	.0						9.1	5.6
S	2.9	4.3	2.8	.7	.1	.0	.0					10.9	5.8
SSW	1.0	1.3	1.2	.5	.1	.0						4.0	6.0
SW	1.0	1.4	1.1	.4	.1	.0	.0					4.0	6.5
WSW	.8	1.3	1.1	.4	.0		.0					3.6	6.3
W	1.2	2.4	2.1	.7	.1	.0						6.5	6.7
WNW	.6	1.7	2.3	1.1	.1	.0						5.9	8.0
NW	1.0	2.5	4.3	2.2	.2	.0						10.2	8.3
NNW	.6	1.4	1.8	.7	.1	.0						4.5	7.5
VARBL													
CALM												13.2	
	17.2	31.1	26.7	10.0	1.5	.3	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 23772

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.7	1.0	.6	.1	.0							2.5	5.5
NNE	.3	.3	.2	.0	.0	.0						.9	5.3
NE	.4	.5	.3	.1	.0	.0	.0					1.4	6.3
ENE	.4	.5	.4	.2	.1	.0						1.6	6.9
E	1.0	1.8	1.3	.4	.1	.0						4.5	6.3
ESE	1.3	2.3	1.7	.5	.1	.0						5.9	6.4
SE	3.2	5.9	3.0	.7	.1	.0	.0					12.9	5.7
SSE	2.8	5.0	1.9	.3	.1	.0						10.0	5.1
S	3.2	4.6	2.3	.6	.1	.0	.0					10.6	5.3
SSW	1.0	1.3	1.1	.3	.0	.0						3.7	6.0
SW	1.1	1.7	1.4	.3	.0	.0	.0	.0				4.4	6.2
WSW	.8	1.2	.6	.2	.0							3.0	5.8
W	1.4	2.5	2.0	.4	.1	.0	.0					6.4	6.2
WNW	.8	1.6	1.7	.5	.0		.0					4.6	6.8
NW	1.2	2.4	3.3	1.1	.1	.0						8.1	7.3
NNW	.6	1.3	1.3	.3	.0							3.5	6.6
VARBL													
CALM												16.0	
	19.9	33.8	23.3	5.9	.8	.2	.0	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 24473

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

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.6	.7	.5	.1	.0							2.0	5.5
NNE	.2	.4	.1	.1	.0							.8	5.6
NE	.4	.6	.3	.2	.0	.0						1.5	6.2
ENE	.4	.7	.8	.3	.0	.0						2.3	7.3
E	1.2	2.2	1.9	.8	.1	.0						6.2	6.9
ESE	1.2	3.1	2.4	1.5	.4	.1						8.5	7.8
SE	3.5	7.7	4.4	1.3	.3	.0						17.2	6.2
SSE	2.4	4.6	2.0	.3	.0	.0						9.3	5.3
S	2.7	3.8	1.9	.4	.1	.0						8.8	5.4
SSW	.8	1.4	.9	.4	.0	.0						3.5	6.3
SW	.9	1.4	1.3	.4	.1	.0						4.1	6.7
WSW	.7	1.1	.9	.3	.0	.0						3.0	6.2
W	1.1	2.0	1.7	.3	.0							5.2	6.2
WNW	.8	1.2	1.5	.4	.0							3.9	6.7
NW	.9	2.4	2.4	.8	.1	.0						6.6	7.1
NNW	.6	1.2	1.0	.2	.0	.0						2.9	6.2
VARBL													
CALM												14.1	
	18.4	34.3	23.8	7.8	1.3	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 23586

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.6	.8	.4	.1								2.0	5.2
NNE	.2	.2	.1	.0	.0							.6	5.1
NE	.4	.5	.3	.2	.0							1.4	6.4
ENE	.5	.8	.7	.3	.0							2.3	6.6
E	1.2	2.3	2.1	.6	.1	.0	.0					6.3	6.7
ESE	1.4	3.3	2.3	1.3	.3	.0						8.6	7.3
SE	3.7	8.0	4.2	1.4	.2	.0						17.5	6.0
SSE	2.7	5.2	2.1	.4	.1	.0	.0					10.4	5.3
S	2.5	3.3	2.0	.5	.1	.0	.0					8.4	5.6
SSW	.7	1.1	1.0	.5	.1	.0						3.4	7.2
SW	.7	.9	1.0	.5	.1	.0	.0					3.3	7.5
WSW	.5	.8	.7	.3	.1	.0						2.4	7.1
W	1.0	1.6	1.4	.4	.0	.0						4.5	6.4
WNW	.7	1.5	1.3	.5	.0							4.1	6.7
NW	1.1	2.3	2.5	.6	.1	.0						6.7	6.7
NNW	.6	1.2	.9	.2	.0							2.9	6.0
VARBL													
CALM												15.3	
	18.1	33.9	23.2	7.8	1.1	.2	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 24374

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.9	.5	.1	.0		.0					2.3	4.9
NNE	.3	.2	.1	.0	.0							.7	4.6
NE	.4	.5	.3	.2	.1	.0						1.5	6.7
ENE	.4	.6	.6	.4	.1	.0						2.1	8.2
E	1.2	2.3	1.7	.5	.2	.0						5.9	6.6
ESE	1.5	3.3	2.4	1.2	.3	.0						8.8	7.1
SE	3.5	8.9	5.4	1.3	.2	.1						19.3	6.2
SSE	2.4	4.9	2.7	.4	.0	.0						10.5	5.6
S	2.2	3.0	2.0	.4	.0	.0	.0					7.6	5.5
SSW	.7	.8	.6	.3	.1	.0	.0					2.6	7.1
SW	.6	.8	.8	.4	.2	.1	.0	.0				2.9	7.9
WSW	.6	.6	.5	.2	.1							2.0	6.4
W	.9	1.3	1.0	.4	.1	.0	.0					3.7	6.3
WNW	.8	1.3	1.1	.3	.0	.0						3.7	6.4
NW	1.5	2.5	2.3	.6	.1	.0						7.0	6.5
NNW	.8	1.4	.9	.2	.0							3.3	5.7
VAPBL													
CALM												16.2	
	18.8	33.3	22.9	7.0	1.4	.3	.0	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 23640

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.0	.9	.4	.0								2.2	4.5
NNE	.4	.3	.1	.0	.0							.7	4.1
NE	.5	.4	.3	.2	.0							1.4	6.2
ENE	.5	.6	.5	.3	.0	.0						2.0	6.8
E	1.2	2.0	1.6	.5	.1							5.4	6.3
ESE	1.5	3.6	2.6	1.4	.2	.0						9.3	7.1
SE	3.5	8.2	5.6	1.7	.3	.0	.0					19.3	6.5
SSE	2.4	4.5	2.7	.4	.1	.0						10.2	5.7
S	2.1	2.8	1.7	.3	.0	.0	.0					6.9	5.5
SSW	.7	.8	.7	.4	.2	.1	.0	.0				2.9	8.0
SW	.6	.7	.8	.4	.2	.1	.0	.0				2.9	7.7
WSW	.4	.5	.3	.2	.0	.0	.0					1.5	6.9
W	.9	1.1	.8	.3	.1	.0	.0					3.2	6.3
WNW	.7	1.1	.9	.3	.1	.0		.0				3.1	6.5
NW	1.7	2.3	2.2	.7	.1	.0	.0	.0				6.9	6.5
NNW	.9	1.2	.8	.2	.0	.0						3.1	5.6
VARBL													
CALM												18.8	
	19.1	30.9	22.0	7.5	1.3	.4	.1	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 24458

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-75 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.0									.4	3.9
NNE	.2	.1	.1	.0								.4	5.
NE	.1	.2	.0	.1	.0							.4	6.6
ENE	.4	.3	.1	.1	.1							.9	5.9
E	1.3	2.5	1.8	.3	.1							6.0	6.1
ESE	2.5	6.5	3.6	1.4	.3	.1						14.3	5.6
SE	6.0	16.2	7.5	1.3	.3							31.2	5.7
SSE	3.6	7.6	3.8	.6	.1							15.7	5.5
S	2.5	3.2	1.8	.1								7.7	5.0
SSW	1.1	.7	.9	.4	.1	.0						3.2	6.9
SW	.5	.6	.4	.2	.0							1.8	5.8
WSW	.3	.4	.3	.1								1.1	5.9
W	.4	.6	.2	.0	.1							1.2	5.5
WNW	.1	.3	.2	.1		.0						.8	7.6
NW	.2	.3	.7	.3								1.4	8.0
NNW	.2	.0	.2	.0	.0							.5	6.9
VARBL													
CALM												13.0	
	19.1	39.6	21.5	5.1	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3139

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2										.2	3.6
NNE	.2	.1	.0									.3	3.3
NE	.4	.2	.2	.0								.7	5.0
ENE	.1	.4	.2	.1	.0							.8	6.6
E	1.0	2.0	1.6	.4	.1	.0						5.1	6.7
ESE	1.6	5.7	4.5	1.8	.1	.1	.0					13.8	7.1
SE	5.4	16.5	8.4	2.1	.1							32.4	6.0
SSE	3.7	7.6	5.6	.6	.0							18.4	5.9
S	1.7	3.0	2.2	.3								7.2	5.7
SSW	.6	.6	.4	.3	.1	.1						2.0	7.1
SW	.5	.6	.4	.0								1.5	5.0
WSW	.4	.4	.2	.1								1.1	5.4
W	.4	.3	.3	.1	.1							1.2	5.9
WNW	.4	.2	.3	.0	.0							.9	5.6
NW	.4	.3	.3	.1								1.1	5.8
NNW	.2	.1	.0	.0	.0							.4	5.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.9	
	17.1	39.0	24.2	5.9	.5	.2	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3146

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2										.5	3.2
NNE	.2	.1	.1									.3	4.0
NE	.3	.1	.1	.0								.6	4.2
ENE	.4	.3	.3	.3				.0				1.2	7.7
E	1.3	1.9	1.6	.8	.1	.1						5.7	7.0
ESE	1.4	5.1	3.2	1.5	.1							11.3	6.8
SE	5.2	13.3	9.7	2.3	.2	.0						30.6	6.3
SSE	3.5	8.6	7.0	.9	.0							20.0	6.0
S	2.1	3.2	2.4	.5	.0							8.2	5.7
SSW	.6	.7	.6	.1	.1							2.2	6.1
SW	.5	.4	.3	.0	.1							1.3	5.7
WSW	.4	.3	.1	.2	.0							1.0	6.3
W	.5	.6	.4	.1	.0							1.6	6.0
WNW	.2	.2	.4	.0								.8	6.0
NW	.4	.3	.1	.1								.9	4.3
NNW	.1	.2	.1	.0	.0							.4	6.5
VARBL													
CALM												13.3	
	17.8	35.4	26.3	6.6	.7	.1		.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3145

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-76 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	.8	.4	.1	.0								1.3	3.6
NNE	.3	.4	.1									.8	4.2
NE	.6	.5	.2	.1	.0	.0						1.5	5.8
ENE	.5	.7	.6	.4	.1	.1						2.5	8.1
E	1.0	2.5	1.5	.6	.2	.2						6.4	6.6
ESE	1.2	2.8	2.5	2.7	.8	.1						10.0	9.1
SE	3.0	5.9	5.7	2.6	.5	.2						18.0	7.4
SSE	2.1	5.7	3.4	.9	.2	.1						13.0	6.1
S	3.5	4.5	1.9	.4	.1	.0						10.4	5.1
SSW	1.2	.9	.4	.5	.1	.0						3.2	6.3
SW	1.1	.8	.4	.5	.1	.0	.0					2.9	6.9
WSW	.5	.3	.4	.2	.1							1.5	6.9
W	1.0	.8	.8	.2	.1							2.8	5.7
WNW	.7	.9	.4	.2								2.2	5.3
NW	1.0	.3	.7	.2	.1							2.7	5.6
NNW	.9	.5	.1	.1								1.5	4.0
VARBL													
CALM												19.3	
	20.5	28.4	19.1	9.4	2.2	.8	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3142

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.2	.7	.0								5.4	4.0
NNE	1.1	.6	.3	.0	.0							2.1	4.4
NE	1.6	1.4	.5	.3								3.7	4.7
ENE	.7	.8	.7	.4	.2	.0	.1					2.9	7.9
E	1.2	1.5	1.1	.7	.2	.1						4.8	7.2
ESE	.9	1.4	1.4	2.2	.7	.2						6.8	10.3
SE	1.1	2.1	1.8	1.7	.3	.2						7.3	8.4
SSE	.6	1.0	.7	.2	.0							2.7	5.8
S	.6	1.3	1.1	.5	.1							3.8	6.8
SSW	.8	.7	.7	.8	.3	.1	.1					3.3	8.9
SW	.7	.6	.6	.9	.4	.2						3.4	10.1
WSW	.7	.7	.7	.3	.2	.1						2.6	8.0
W	2.1	2.3	2.0	.9	.2	.0	.0					7.7	6.7
WNW	1.9	2.2	2.1	.9	.1	.1						7.3	6.8
NW	2.6	3.3	2.5	1.0	.2	.2						9.8	6.6
NNW	1.8	2.2	1.2	.2	.1							5.5	5.3
VARBL													
CALM												20.8	
	21.5	24.4	18.1	11.0	2.9	1.2	.2					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3140

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.2	1.1	.3								7.1	4.8
NNE	.9	1.0	.3	.0								2.1	4.3
NE	1.3	.9	.4	.3	.0							2.9	5.3
ENE	.3	.5	.9	.7	.2	.1	.1					2.8	10.1
E	.6	1.0	1.2	.9	.2							3.9	8.5
ESE	.4	.7	1.1	1.2	.2	.0						3.6	9.6
SE	.2	.7	1.2	.5								2.6	7.8
SSE	.3	.5	.3	.0	.0	.0						1.1	6.2
S	.3	.5	.4	.3	.1	.0						1.7	8.0
SSW	.2	.4	.8	.7	.3	.1	.0					2.5	10.8
SW	.4	.6	1.3	1.0	.3	.1						3.6	9.7
WSW	.5	.4	.6	.9	.2	.1						2.8	9.9
W	1.0	1.7	2.1	1.1	.2	.0						6.1	7.7
WNW	1.2	3.0	3.7	1.9	.1		.0					10.1	7.8
NW	2.5	6.8	9.4	3.7	.6	.2						23.1	7.9
NNW	1.7	4.9	4.1	.8	.0							11.5	6.5
VARBL													
CALM												12.4	
	14.3	26.7	28.9	14.4	2.4	.7	.2					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3140

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

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.0	.3	.0								2.7	4.3
NNE	.6	.2	.1	.0								1.0	3.9
NE	.5	.7	.4	.1	.0							1.7	5.4
ENE	.4	1.0	1.3	.4	.1							3.2	7.6
E	.5	2.0	2.2	.6	.1							5.7	6.9
ESE	.8	1.2	1.1	.3	.0							3.4	6.3
SE	1.2	1.7	.8	.1		.0						3.9	5.3
SSE	1.2	1.2	.4	.1								2.9	4.6
S	1.3	1.0	.4	.1		.0						2.9	4.7
SSW	.9	.6	1.0	.4	.1	.0						2.9	7.3
SW	1.0	1.1	.6	.3								2.9	5.7
WSW	.7	.9	.7	.4	.1	.0						2.7	6.7
W	1.8	2.6	1.6	.4	.0							6.4	5.6
WNW	2.3	4.0	2.7	.6								9.6	5.8
NW	4.2	6.8	4.7	1.1	.3							17.2	6.0
NNW	2.4	3.1	1.0	.3	.0							6.8	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.0	
	21.6	29.0	19.5	5.1	.6	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3136

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.1	.0								.5	5.0
NNE	.1	.1	.0									.2	4.6
NE	.1	.3	.1									.6	4.3
ENE	.2	.4	.2	.2								1.3	7.3
E	1.4	2.4	1.9	.6	.1							6.3	6.3
ESE	2.2	4.6	2.5	.8	.2							10.4	6.2
SE	5.4	11.2	3.8	.7								21.1	5.1
SSE	4.0	7.3	1.5	.3		.0						13.1	4.8
S	3.8	4.7	1.5	.3	.1							10.3	4.7
SSW	1.3	1.8	.8	.4	.1							4.4	6.0
SW	1.3	1.2	.6	.2								3.3	5.2
WSW	.9	1.0	.4	.2								2.5	5.3
W	.8	1.2	.9	.2	.0							3.2	5.8
WNW	.4	1.0	.5	.2	.0							2.1	6.0
NW	.5	.4	.6	.3	.1							1.9	7.3
NNW	.3	.4	.1	.1	.1							.9	5.5
VARBL													
CALM												18.0	
	22.9	38.0	15.9	4.4	.7	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3133

DATA PROCESSING BRANCH
FIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) — DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) — 42-45,48-76 (YEARS) — FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.0										.2	2.3
NNE	.1											.1	2.5
NE	.1	.2	.1	.0								.4	5.8
ENE	.2	.3	.3	.0								.9	6.0
E	1.1	2.3	1.3	.3	.1		.0					5.1	6.0
ESE	2.4	6.2	3.0	.8	.1							12.5	5.9
SE	7.1	16.7	6.3	.8	.0							30.9	5.3
SSE	4.0	8.4	3.1	.1	.0							15.7	5.0
S	2.6	3.2	1.6	.1	.0							8.6	5.0
SSW	1.0	1.3	1.0	.2								3.4	5.6
SW	.5	.8	.7	.0	.0	.0						2.1	6.2
WSW	.0	.8	.2	.0	.0							1.7	4.9
W	.4	.5	.3	.1								1.4	6.0
WNW	.3	.3	.3	.1	.0	.0						1.2	7.3
NW	.4	.4	.4	.1	.0							1.4	5.9
NNW	.1	.1	.0	.0								.3	5.6
VARBL													
CALM												14.1	
	21.1	42.7	18.6	2.9	.5	.1	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2706

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.3	3.1
NNE	.1	.0	.0									.2	4.0
NE	.0	.3	.3									.7	6.7
ENE	.2	.3	.2	.2	.0							.8	7.4
E	1.4	2.1	1.0	.2	.1	.1						4.9	5.9
ESE	2.4	6.3	3.1	.9	.2	.0						12.9	6.1
SE	6.5	17.3	9.4	1.4	.0	.1						34.7	5.8
SSE	3.2	9.8	4.1	.4								17.5	5.4
S	2.2	2.6	1.4	.1		.0						6.4	5.0
SSW	.6	.8	.4	.2	.1	.0						2.1	6.7
SW	.6	.6	.4	.2	.0							1.8	6.1
WSW	.3	.4	.3	.1	.0							1.0	6.4
W	.3	.7	.3	.2	.0							1.5	6.6
WNW	.1	.2	.4	.1								.8	6.9
NW	.3	.2	.3	.2	.0							1.0	7.1
NNW	.0	.1	.1	.1								.4	7.8
VARBL													
CALM												13.1	
	18.4	41.8	21.6	4.3	.6	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2711

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.0									.3	3.6
NNE		.1										.1	4.0
NE	.2	.3										.5	4.1
ENE	.3	.2	.3	.2	.0							1.0	7.4
E	.9	2.6	1.1	.3								4.9	5.7
ESE	2.0	4.8	3.5	1.4	.2	.1	.0					11.9	6.7
SE	4.9	14.8	10.0	1.3	.1	.0						31.2	6.1
SSE	4.2	9.8	7.4	.3								21.7	5.7
S	2.6	3.1	2.4	.1								8.2	5.2
SSW	.2	.6	.4	.1	.1							1.7	6.3
SW	.8	.4	.4	.3	.0							2.0	6.6
WSW	.3	.2	.4	.1								1.0	6.2
W	.2	.6	.5	.2								1.4	7.0
WNW	.3	.1	.2	.1	.0							.7	6.4
NW	.1	.2	.3	.3								.9	8.0
NNW	.1	.1	.0									.3	5.0
VARBL													
CALM												12.1	
	17.6	38.1	29.9	4.6	.5	.1	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2715

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

DATA PROCESSING BRANCH
FIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (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	.7	.7	.1	.1								1.5	4.5
NNE	.4	.3	.1									.7	4.1
NE	.5	.7	.2	.2								1.6	5.5
ENE	.6	.6	.6	.4	.1	.0						2.3	7.3
E	1.6	1.9	1.1	.4		.0						5.0	5.6
ESE	1.7	3.0	2.4	1.9	.7	.1						9.6	8.1
SE	3.3	6.4	4.0	2.1	.4	.1	.0					16.4	6.9
SSE	2.8	5.1	2.6	.4	.1							10.9	5.5
S	2.7	4.6	2.1	.2								9.6	5.1
SSW	1.0	1.2	.7	.4	.2							3.4	6.5
SW	1.0	1.1	.6	.4	.1							3.1	6.0
WSW	.7	1.0	.6	.3		.1						2.7	6.1
W	1.3	1.2	1.3	.7	.3							4.8	7.2
WNW	.6	.6	1.1	.4	.1	.1						2.9	7.8
NW	.7	1.3	.7	.3	.0							3.0	6.0
NNW	.7	.7	.2	.1								1.7	5.0
VARBL													
CALM												20.6	
	20.3	30.3	19.2	8.1	2.0	.4	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2709

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	.9	.1								5.5	4.3
NNE	.8	.9	.2	.1								2.0	4.4
NE	.3	1.0	.4	.4	.1							2.6	6.3
ENE	1.1	.8	.4	.6	.1							2.9	5.3
E	1.1	1.3	.9	.5								3.7	6.3
ESE	.7	.8	1.5	1.6	.9	.1	.0					5.6	10.7
SE	.8	1.3	1.3	1.0	.3	.1						4.8	8.2
SSE	.5	1.0	.9	.2	.1							2.7	6.6
S	1.2	1.0	.6	.7	.1							3.6	6.7
SSW	.6	.6	.8	.8	.3	.1	.0					3.1	9.5
SW	.4	1.1	1.1	1.0	.6	.0	.0					4.3	9.9
WSW	.6	1.6	.9	1.1	.3	.1	.1					4.4	8.6
W	1.7	4.0	3.2	1.4	.4	.0						10.8	7.3
WNW	1.1	3.2	2.8	2.2	.5	.0	.1					9.9	8.5
NW	2.1	3.7	3.5	1.8	.4	.1						11.6	7.5
NNW	1.9	2.9	1.3	.3	.0							6.5	5.4
VARBL													
CALM												16.0	
	17.7	27.5	20.6	13.6	3.8	.6	.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2714

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (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	1.2	2.4	1.6	.2								5.4	5.6
NNE	.7	1.0	.2	.1								2.0	5.0
NE	.4	.7	.5	.7	.1	.0						2.5	7.9
ENE	.5	.8	.8	.7	.2							2.9	8.5
E	.3	.7	.7	.4	.1							2.4	8.0
ESE	.3	.5	1.0	.8	.1							2.8	8.3
SE	.2	.5	.7	.3	.1							1.8	8.1
SSE	.2	.1	.2	.1								.6	6.1
S	.2	.5	.4	.5	.1							1.6	8.9
SSW	.2	.3	.7	1.2	.4	.0						2.8	11.4
SW	.2	.8	.7	1.3	.5	.1						3.7	11.4
WSW	.1	.7	1.7	1.6	.6	.1						4.8	11.2
W	.7	2.2	4.1	2.6	.7	.1	.1					10.5	9.5
WNW	1.2	3.8	5.2	3.1	.7	.1						14.0	8.7
NW	1.8	5.5	9.8	5.5	.9	.2						23.7	8.9
NNW	1.6	3.8	3.6	1.8	.0							10.8	7.1
VARBL													
CALM												7.6	
	9.9	24.3	32.0	20.9	4.5	.7	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2709

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23159 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (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	1.2	1.0	.7	.0								2.8	4.6
NNE	.4	.4	.2	.0								1.1	4.7
NE	.3	.4	.4	.1	.1							1.4	6.7
ENE	.4	1.3	1.3	.7								3.6	7.5
E	.9	1.3	1.4	.4	.0							3.9	6.6
ESE	.7	.9	.5	.1								2.1	5.3
SE	.6	.9	.5	.0								2.0	5.1
SSE	.5	.4	.1		.0							1.0	4.5
S	.9	.7	.3	.2								2.1	5.2
SSW	.5	.5	.8	.7	.1							2.7	8.3
SW	.7	.9	1.2	.5	.1	.0						3.4	7.5
WSW	.8	1.2	1.0	.4	.2	.1						3.6	7.2
W	2.4	3.8	3.3	1.0	.1							10.5	6.4
WNW	1.9	4.8	4.2	1.0	.3	.0						12.2	6.8
NW	3.5	9.1	9.1	2.7	.1	.0		.0				24.5	6.9
NNW	1.8	3.4	2.3	.4	.1							7.9	5.8
VARBL													
CALM												14.9	
	17.3	30.9	27.2	8.4	1.0	.2		.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2205

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (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	.3	.2		.1								.5	4.5
NNE		.1										.1	5.0
NE	.1	.2	.2									.6	5.1
ENE	.3	.8	.4	.1								1.6	5.9
E	1.1	1.9	1.0	.4	.0							4.4	5.8
ESE	1.9	3.1	1.3	.3	.1							6.7	5.6
SE	5.0	8.0	3.2	.1								16.3	4.9
SSE	3.5	6.5	1.6	.1								11.7	4.5
S	3.8	6.1	1.8	.1	.0							11.9	4.6
SSW	2.0	1.9	1.1	.1	.0							5.2	4.9
SW	1.4	1.9	1.1	.2								4.6	5.3
WSW	.8	1.1	.7	.2								2.8	5.4
W	1.8	2.5	.9	.5								5.8	5.3
WNW	.8	1.7	1.1	.3	.0	.1						4.1	6.5
NW	1.0	1.0	1.0	.4	.0	.0						3.5	6.4
NNW	.2	.3	.2		.0							.7	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.7	
	24.1	37.3	17.0	3.0	.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2706

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHA, AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2										.3	4.0
NNE	.2	.1	.0									.3	3.9
NE	.2	.2	.0	.0	.0							.5	5.1
ENE	.1	.4	.3	.2								1.0	7.2
E	1.1	1.9	.8	.1								3.8	5.0
ESE	2.3	6.5	1.6	.3								10.7	5.0
SE	6.4	16.5	3.8	.1								26.9	4.8
SSE	3.9	8.7	2.3	.1								15.0	4.7
S	2.7	4.9	2.4	.2	.0							10.2	5.2
SSW	1.1	2.2	1.4	.3	.1							5.1	6.1
SW	.7	1.5	.8	.5	.1							3.6	6.7
WSW	.5	.5	.6	.2	.1							1.9	6.9
W	.4	1.1	.7	.2	.1	.0						2.5	6.8
WNW	.2	.5	.4	.2								1.3	7.2
NW	.2	.2	.4	.3	.0	.0						1.2	8.2
NNW	.0	.1	.1	.1								.3	7.4
VARBL													
CALM												15.4	
	20.3	45.5	15.6	2.8	.4	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2969

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1									.2	6.2
NNE	.1	.0										.1	3.8
NE	.2	.1		.1								.4	5.7
ENE	.3	.5	.1	.0								1.0	5.0
E	.9	2.2	.5	.3								3.9	5.2
ESE	2.9	7.5	2.6	.2	.0							13.2	5.2
SE	6.3	19.5	7.1	.4	.0							33.4	5.3
SSE	3.6	7.7	4.1	.3	.0							15.7	5.3
S	2.1	3.1	1.0	.4	.1							7.3	5.6
SSW	.7	.9	.8	.4	.1							2.9	7.1
SW	.7	.4	.8	.4		.2						2.6	8.1
WSW	.4	.5	.5	.2	.1							1.7	6.8
W	.3	.5	.0	.0								1.5	5.9
WNW	.2	.4	.3	.1								1.0	6.2
NW	.3	.2	.3	.2								1.0	7.0
NNW	.1	.1	.0									.3	4.1
VARBL													
CALM												13.9	
	19.2	43.8	19.5	3.0	.4	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2965

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.1									.3	4.3
NNE	.2											.2	2.6
NE	.2		.1									.2	3.6
ENE	.3	.1	.2	.1	.1							.8	7.5
E	1.1	1.9	.6	.1								3.8	5.1
ESE	2.2	5.5	2.4	.4	.0							10.5	5.6
SE	5.7	15.1	8.5	.6	.0							29.9	5.6
SSE	4.5	9.2	6.7	.2								20.7	5.5
S	2.4	3.5	2.5	.3	.1	.1						8.9	5.7
SSW	.8	.5	.8	.4			.0					2.5	7.1
SW	.5	.7	.4	.1	.0							1.8	6.0
WSW	.5	.4	.1	.2	.1	.0						1.3	6.8
W	.4	.6	.5	.2	.0							1.7	6.7
WNW	.2	.2	.3	.1								.9	6.8
NW	.4	.2	.4	.2	.1	.0						1.3	7.4
NNW	.1	.2	.0									.3	4.8
VARBL													
CALM												14.8	
	19.0	38.3	23.8	3.1	.4	.1	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2968

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.8	.1									1.9	3.5
NNE	.5	.4	.1									1.0	3.8
NE	1.0	.5	.2	.1								1.8	4.4
ENE	.7	.5	.2	.3	.0							1.8	5.6
E	1.3	1.6	.7	.5	.1	.0						4.3	5.9
ESE	1.3	2.1	1.6	.8	.2	.0						6.0	6.9
SE	2.0	4.6	2.1	1.0	.3	.0						10.5	6.2
SSE	2.4	3.6	1.6	.2	.0							7.8	5.0
S	3.7	4.2	2.5	.6	.3							11.3	5.6
SSW	1.7	1.5	1.0	.9	.3	.1	.0					5.4	7.2
SW	1.0	1.1	1.1	.9	.3	.3						4.7	9.0
WSW	.8	1.1	.7	.6		.1	.0					3.4	7.0
W	1.6	1.3	1.4	.7	.2	.0						5.3	6.9
WNW	.6	1.5	.8	.6	.1	.0						3.8	7.4
NW	1.8	1.5	1.6	.7	.1							5.7	6.6
NNW	.7	.6	.3	.2	.0							1.9	5.9
VARBL													
CALM												23.5	
	22.4	20.8	14.1	8.3	1.9	.6	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2967

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS ED. ...NS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	1.1	.1	.0							4.8	5.4
NNE	.4	.6	.2	.0								1.3	4.5
NE	.9	.5	.2	.1								1.8	4.5
ENE	.5	.6	.4	.3	.1							1.9	7.0
E	.6	.8	.4	.1	.1							2.0	6.1
ESE	.4	.8	.9	.5	.1							2.8	7.8
SE	.6	.6	1.0	.2	.1	.0						2.6	7.1
SSE	.5	.6	.5	.3								1.9	5.5
S	.6	1.7	1.0	.5	.1		.0					3.9	7.2
SSW	.5	.7	1.1	1.8	.4	.1						4.7	10.5
SW	.8	1.2	1.5	2.6	1.0	.3	.1					7.5	11.4
WSW	.8	1.5	2.1	2.0	.8	.2	.0					7.5	10.2
W	1.4	3.5	4.0	2.6	.9	.2	.1					12.7	9.0
WNW	1.4	3.2	3.6	2.1	.5	.1	.0					10.9	8.3
NW	1.9	5.0	4.0	2.5	.5	.1						14.1	7.8
NNW	1.6	2.7	1.8	.6	.2	.1						7.0	6.6
VARBL													
CALM												12.9	
	14.1	26.3	23.9	16.4	5.0	1.1	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2964

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.4	.3	.1							4.4	6.3
NNE	.5	.4	.2	.0								1.1	4.6
NE	.3	.5	.3	.0								1.1	5.4
ENE	.2	.4	.4	.2	.0							1.2	7.3
E	.1	.4	.5	.4	.0							1.4	8.4
ESE	.2	.2	.3	.2								.9	7.1
SE	.1	.2	.3	.2								.8	8.1
SSE		.1	.1			.0						.2	9.4
S	.2	.5	.4	.3	.3	.0						1.8	9.7
SSW	.2	.3	1.1	1.5	.4	.1						3.7	11.7
SW	.2	.4	1.7	3.2	1.2	.2						7.1	12.9
WSW	.5	.7	2.4	2.6	1.1	.2						7.5	11.3
W	1.1	2.5	5.3	4.6	1.7	.1	.0					15.3	10.4
WNW	.7	2.3	0.3	4.5	.9	.2						14.8	10.0
NW	1.7	4.7	9.0	6.0	1.2	.3						22.9	9.3
NNW	1.1	2.5	4.3	2.0	.1							10.0	8.1
VARBL													
CALM												5.8	
	8.2	17.6	34.0	26.1	7.1	1.2	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2962

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.7	.1								3.3	4.9
NNE	.6	.2	.1	.1								.9	4.0
NE	.5	.3	.2	.1	.0							1.2	6.0
ENE	.3	.5	.6	.2								1.6	7.1
E	.4	.2	.5	.3	.0							1.5	7.4
ESE	.2	.3	.3	.3								1.1	7.4
SE	.3	.3	.3	.0		.0						1.0	6.1
SSE	.2	.4	.1	.0								.7	5.5
S	.1	.4	.3	.4	.2							1.5	9.5
SSW	.4	.8	.9	.7	.0	.0						3.0	8.2
SW	.6	1.5	2.4	1.4	.4	.0						6.5	8.8
WSW	.8	2.0	2.1	1.4	.2	.1						6.5	8.2
W	1.6	3.9	4.2	2.2	.3							12.3	7.7
WNW	2.2	5.4	5.8	1.7	.3	.1	.1					15.5	7.2
NW	2.7	7.2	11.4	3.6	.2	.1	.0					25.3	7.7
NNW	1.2	2.5	3.0	.7	.1	.0						7.6	7.0
VARBL													
CALM												10.7	
	13.2	27.3	33.2	13.5	1.8	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2959

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

DATA PROCESSING BRANCH
FIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.1	.0								.8	4.7
NNE	.1	.2	.0									.3	4.3
NE	.2	.4	.0	.1	.0							.7	5.9
ENE	.2	.2	.3	.2	.0							1.0	7.2
E	.7	1.1	.4	.3	.0							2.5	5.9
ESE	1.2	2.0	.8	.1								4.0	4.8
SE	2.8	4.7	.9	.1	.0							8.5	4.6
SSE	2.9	4.2	.5	.1								7.7	4.2
S	4.1	5.3	2.1	.1	.1							12.0	4.8
SSW	1.6	2.5	1.8	.3	.0							6.2	5.6
SW	1.8	2.4	1.9	.5								6.5	5.8
WSW	1.5	1.9	1.2	.3	.0							5.0	5.6
W	2.4	3.5	2.0	.4	.0							8.4	5.3
WNW	1.2	2.3	1.9	.9	.1							6.3	6.8
NW	.9	1.6	1.2	.6	.1	.0						4.5	7.1
NNW	.4	.9	.2	.0		.0						1.1	5.5
VARBL													
CALM												24.5	
	22.5	32.8	15.5	4.0	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2962

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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	.2	.0	.1		.0							.3	5.7
NNE	.1	.0										.1	2.8
NE	.1	.1	.1									.2	4.7
ENE	.2	.3	.1	.1								.7	6.0
E	1.2	2.0	.3	.2								3.6	4.9
ESE	2.2	5.3	1.1	.3	.0							9.0	5.0
SE	5.6	10.1	3.2	.1								25.1	4.8
SSE	2.9	8.9	1.0	.0								13.8	4.7
S	3.6	6.7	3.1	.3	.0	.0						13.8	5.2
SSW	1.0	2.0	1.4	.3			.0					4.8	5.9
SW	1.2	2.1	1.5	.4		.0						5.3	6.1
WSW	.6	1.0	.5	.3	.0							2.5	6.2
W	1.1	.9	.9	.2								3.1	5.8
WNW	.2	.6	.7	.3		.0						1.8	7.9
NW	.2	.3	.5	.2								1.2	7.3
NNW	.1	.2	.0	.2		.0						.6	8.3
VARBL													
CALM												14.0	
	20.6	46.6	15.5	3.1	.1	.1	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2865

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.4
NNE													
NE	.2	.2	.1									.5	5.2
ENE	.3	.2	.1	.0								.8	4.6
E	1.4	1.9	1.1	.1								4.6	5.1
ESE	1.7	6.6	2.5	.3								11.0	5.4
SE	4.2	21.4	7.3	.4	.0							34.1	5.3
SSE	3.4	9.4	4.4	.2								17.4	5.4
S	2.4	3.4	2.7	.2								8.7	5.6
SSW	.6	.9	.8	.2			.0					2.6	6.5
SW	.5	.7	1.2	.1	.1							2.6	6.8
WSW	.5	.4	.3	.1	.0							1.3	5.8
W	.5	.5	.4	.1								1.5	5.7
WNW	.2	.2	.2		.0							.7	5.7
NW	.1	.3	.3	.4	.0							1.1	9.2
NNW	.1	.1	.1	.1								.5	6.7
VARBL													
CALM												12.2	
	17.2	46.2	21.7	2.4	.2		.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2860

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23105 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.0	.0								.4	4.2
NNE	.2	.1										.3	3.1
NE	.1	.1	.0	.1	.0							.3	6.9
ENE	.3	.1	.2	.0	.0							.7	5.9
E	.9	2.0	1.1	.2	.0							4.2	5.7
ESE	1.0	3.7	2.6	.3	.1							8.3	5.8
SE	5.1	14.3	8.0	.6	.0	.0						28.1	5.7
SSE	3.7	10.8	6.2	.2								20.9	5.6
S	3.3	5.2	3.1	.4	.1							12.1	5.4
SSW	1.0	.8	.8	.4								3.0	6.3
SW	.5	.9	.9	.3								2.6	6.5
WSW	.4	.3	.3	.3	.0	.1						1.5	8.1
W	.5	.7	.5	.1	.1							1.8	6.3
WNW	.6	.5	.3	.2	.1							1.6	6.6
NW	.5	.3	.3	.2	.0							1.3	6.2
NNW	.2	.2	.1	.0	.0							.6	6.2
VARBL													
CALM												12.2	
	19.1	40.3	24.5	3.3	.5	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2869

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,46-75 (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	1.3	.8	.4	.1								2.5	4.3
NNE	.4	.6	.1	.0								1.1	4.1
NE	.7	.5	.2	.1								1.6	4.3
ENE	.8	.4	.2	.1	.1							1.6	5.3
E	1.4	1.5	.4	.3								3.7	5.0
ESE	1.0	1.2	.9	.7	.2	.1						4.1	7.5
SE	2.0	2.4	1.2	1.2	.3							7.0	6.8
SSE	2.2	2.6	1.1	.1	.1	.0						6.2	5.0
S	3.6	4.0	2.2	.7	.1	.0						10.0	5.6
SSW	1.6	1.5	1.5	1.3	.2	.0						6.2	7.6
SW	1.5	1.4	1.9	1.6	.5	.0						6.9	8.2
WSW	.8	1.3	.9	.5	.2	.0	.1	.0				3.9	8.1
W	2.1	2.4	2.1	1.1	.2	.1						8.1	6.9
WNW	1.6	1.3	1.0	.5	.3	.0						4.8	6.6
NW	1.6	1.8	1.7	.8	.1							6.1	6.5
NNW	1.0	1.0	.9	.3	.0		.0					3.3	6.2
VARBL													
CALM												22.8	
	23.4	24.9	16.5	9.5	2.3	.4	.1	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2807

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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	1.0	2.1	1.3	.2	.0							5.1	5.3
NNE	.5	.7	.2	.1								1.5	4.7
NE	.0	.6	.2	.1								1.5	5.0
ENE	.3	.6	.2	.0								1.1	5.2
E	.2	.7	.5	.4								2.4	6.2
ESE	.2	.5	.5	.3	.0							1.5	7.5
SE	.1	.6	.6	.3	.1							1.8	7.7
SSE	.4	.3	.5	.0	.1	.1						1.3	7.3
S	.8	1.2	1.4	.6	.1							4.1	7.3
SSW	.3	.8	2.0	2.0	.4	.2						5.8	10.6
SW	.0	2.0	3.3	2.5	.7	.2	.1					9.6	9.9
WSW	.8	1.6	2.3	3.3	.9	.4	.0					9.3	10.1
W	1.5	3.4	5.5	3.6	1.1	.4	.1					15.5	9.6
WNW	.3	2.6	4.3	2.1	.3	.0						10.1	8.6
NW	1.1	4.6	5.1	2.0	.3	.1						13.4	7.8
NNW	.9	2.7	2.5	.9	.2							7.2	7.4
VARBL													
CALM												8.7	
	11.9	24.8	30.4	18.3	4.2	1.4	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2864

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.0	.5	.2	.1						3.8	7.4
NNE	.2	.4	.2	.1	.0							.9	6.8
NE	.2	.5	.5	.2								1.3	6.9
ENE	.1	.4	.2	.2								1.0	7.3
E	.2	.4	.2	.2	.0							1.2	7.5
ESE	.1	.3	.3	.1	.0							.8	7.7
SE	.2	.3	.3	.2	.0							1.0	7.3
SSE	.1	.1	.0	.1	.1							.3	9.2
S	.1	.3	.5	.5	.1							1.5	9.7
SSW	.1	.5	1.1	1.5	.4	.0						3.7	11.1
SW	.1	.9	2.4	3.2	1.4	.4	.1					8.6	2.9
WSW	.2	1.2	3.4	4.6	1.3	.3						11.0	11.8
W	.6	2.4	8.8	6.4	1.5	.5	.2					20.3	10.9
WNW	.5	2.1	5.8	4.1	.9	.2	.0					13.6	10.2
NW	.6	3.6	8.0	5.2	1.1	.1						18.5	9.7
NNW	.1	2.4	3.9	2.0	.4							9.4	8.7
VARBL													
CALM												3.2	
	4.7	17.0	36.5	29.1	7.5	1.6	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2862

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.9	.1								2.4	6.0
NNE	.2	.1	.1	.1								.6	6.9
NE	.4	.3	.0	.1	.1							1.4	6.6
ENE	.1	.3	.1	.1	.0	.1						.8	8.7
E	.3	.4	.3	.4	.0							1.4	7.7
ESE	.1	.3	.2	.2								.8	7.8
SE	.1	.3	.3	.1								.8	6.6
SSE	.1	.2	.1	.1	.0							.6	6.8
S	.1	.2	.3	.2	.0							.9	8.0
SSW	.5	.7	1.0	1.1	.1							3.5	8.7
SW	.6	1.5	2.0	2.0	.4	.0		.0				7.2	9.3
WSW	.7	1.9	3.7	2.3	.2	.0						8.9	8.9
W	1.5	3.6	6.7	3.9	.9	.1	.0					18.9	8.9
WNW	1.1	3.9	4.7	2.5	.3	.1						12.5	8.2
NW	1.2	7.2	10.6	4.1	.5	.1						24.4	8.1
NNW	.9	2.2	4.3	1.4	.2							9.1	8.0
VARBL													
CALM												5.8	
	9.4	24.0	34.2	18.6	2.9	.5	.0	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2861

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.1	.1									.8	3.8
NNE	.3	.1	.0	.0	.0							.5	4.7
NE	.2	.1	.1	.0	.0							.5	6.2
ENE	.1	.4	.2	.1	.0							.9	6.8
E	.8	.7	.7	.1								2.3	5.7
ESE	.7	1.3	.4	.1	.0	.0	.0					2.6	5.8
SE	1.5	2.5	.9	.0								4.9	4.7
SSE	2.4	3.4	.6	.0								6.4	4.3
S	3.9	6.2	1.8	.2		.0						12.3	4.8
SSW	2.0	2.2	1.6	.3	.0							6.1	5.5
SW	2.1	2.2	2.0	.8	.1							7.1	6.1
WSW	1.7	2.7	1.7	.2	.1							6.4	5.5
W	3.2	5.1	3.0	.6	.1							12.0	5.5
WNW	1.7	3.5	2.5	.8	.0							8.6	6.3
NW	1.5	2.3	2.5	1.1	.2							7.6	7.0
NNW	.3	.5	.2	.1	.0							1.1	6.0
VARBL													
CALM												20.0	
	22.9	33.3	18.4	4.6	.7	.1	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2865

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.1									.4	3.8
NNE	.2	.1										.3	2.6
NE	.2	.3	.2	.0								.7	5.4
ENE	.1	.4	.1	.1								.7	5.9
E	1.5	2.0	.4	.2	.0	.1						4.1	5.0
ESE	2.3	4.7	.7	.3	.1							8.1	5.0
SE	4.4	14.0	2.8	.2								21.4	4.8
SSE	4.6	7.8	2.2	.0								16.7	4.6
S	3.6	7.8	3.2	.2		.0						14.8	5.2
SSW	1.6	2.2	1.2	.2								5.1	5.3
SW	1.3	2.1	1.5	.2	.0							5.0	5.6
WSW	.7	.8	.7	.1								2.4	5.2
W	.5	1.2	.8	.1								2.6	5.6
WNW	.3	.4	.3	.1								1.1	5.5
NW	.3	.4	.3	.0								1.0	5.4
NNW	.2	.2	.1									.4	4.2
VARBL													
CALM												14.9	
	22.2	46.4	14.5	1.6	.2	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2952

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23102 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 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	6.0
NNE	.2	.1	.1									.4	4.0
NE	.1	.3	.0	.0								.5	5.5
ENE	.2	.4	.1	.1								.7	5.1
E	1.6	2.4	.8	.1	.0	.0						5.1	5.1
ESE	2.0	7.1	2.5	.5	.0							13.0	5.4
SE	4.7	21.1	8.1	.2								34.0	5.4
SSE	3.1	11.5	4.4	.2								19.1	5.4
S	2.3	4.3	3.0	.1								9.8	5.5
SSW	.7	1.1	.6	.0								2.4	5.2
SW	.4	.9	1.0	.1								2.4	6.2
WSW	.2	.2	.5		.0							.9	6.5
W	.2	.1	.1									.4	5.0
WNW	.0	.2	.0									.3	4.3
NW	.0	.2	.1	.0								.4	6.5
NNW	.1	.1	.1	.1								.3	5.8
VARBL													
CALM												10.3	
	16.0	50.1	21.5	1.4	.1	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2949

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KN'S) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.0	.0								.2	6.3
NNE	.1	.1										.3	3.9
NE	.1	.1	.2	.0								.5	6.5
ENE	.4	.3	.2	.2								1.0	6.5
E	1.0	1.4	.7	.2								3.4	5.5
ESE	1.7	4.0	2.7	.5	.0							8.4	5.9
SE	4.6	12.3	7.5	.4	.1							25.0	5.7
SSE	4.7	12.1	5.8	.2	.0							22.9	5.3
S	4.5	6.7	3.7	.1								15.0	5.0
SSW	1.6	1.3	1.0	.1	.0							4.1	5.0
SW	1.0	.9	1.0	.1								3.0	5.4
WSW	.5	.5	.3	.1								1.4	5.5
W	.2	.6	.4	.0	.0							1.4	6.1
WNW	.3	.5	.2	.1	.1							1.2	6.1
NW	.3	.3	.3	.1	.1	.0						1.2	8.3
NNW	.1	.1	.1									.3	5.3
VARBL													
CALM												10.7	
	21.3	41.0	23.6	2.4	.4	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2940

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STAT.ON) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.5	.5	.0	.0							3.8	4.3
NNE	1.0	.5	.1									1.5	3.2
NE	1.2	.6	.3	.1	.1							2.3	4.9
ENE	.7	.6	.3	.1	.0							1.7	5.2
E	1.6	1.1	.5	.3	.0							3.5	5.0
ESE	.7	1.1	.5	.8	.3	.1						3.6	8.2
SE	1.7	1.7	1.2	.5	.2							5.3	6.3
SSE	1.9	2.5	.8	.2								5.5	4.8
S	3.3	3.8	2.4	.9	.1							10.5	5.7
SSW	1.7	2.3	1.8	1.2	.1	.0						7.1	6.8
SW	1.7	2.5	2.6	1.0	.2							8.0	7.0
WSW	1.2	1.6	1.2	.6	.2							4.9	7.0
W	2.4	2.5	1.7	.4	.2							7.2	5.9
WNW	1.0	1.9	1.4	.5	.1							4.9	6.4
NW	1.5	2.1	1.6	.4	.1							5.8	6.1
NNW	1.3	1.3	.5	.1	.0							3.2	4.7
VARBL													
CALM												21.1	
	24.7	27.6	17.4	7.3	1.8	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2934

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	1.8	.2	.1							5.1	6.0
NNE	.5	1.0	.4	.0	.0							1.9	5.1
NE	.5	.6	.6	.1								1.9	5.4
ENE	.2	.4	.3	.2								1.2	7.1
E	.5	.5	.4	.1								1.5	5.7
ESE	.3	.4	.3	.4	.1	.0						1.5	8.9
SE	.4	.8	.5	.3	.0							2.1	7.0
SSE	.2	.4	.5	.1								1.5	6.0
S	.5	1.4	2.0	1.0	.1							5.0	7.8
SSW	.5	1.7	3.0	2.3	.7	.0						8.3	9.8
SW	.6	1.9	4.7	3.0	.9	.3	.0					11.5	10.4
WSW	.0	1.9	3.6	2.6	.5	.1						9.5	9.2
W	1.3	4.6	5.4	3.4	.5	.1						15.2	8.4
WNW	.7	2.1	4.0	1.7	.5	.1						9.2	8.7
NW	1.5	4.0	4.4	1.8	.3							12.1	7.6
NNW	.6	2.7	2.2	.7		.1						6.3	6.9
VARBL													
CALM												6.3	
	10.7	26.4	34.1	18.0	3.8	.7	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2945

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	1.8	.6	.1							4.2	7.4
NNE	.2	.4	.5	.1	.0							1.3	6.9
NE	.1	.3	.7	.2	.0							1.3	7.9
ENE	.2	.2	.3	.3	.0	.0						1.1	9.5
E	.1	.2	.4	.2	.0							1.0	8.2
ESE	.1	.0	.1	.2	.0							.5	10.3
SE	.1	.3	.2	.1	.0							.8	7.7
SSE	.2	.0	.2		.0	.0						.5	7.7
S	.2	.4	.6	.4	.1	.0	.0					1.9	9.6
SSW	.3	.7	1.4	2.4	.5							5.2	11.1
SW	.3	.7	3.5	5.8	1.4	.3						12.1	12.2
WSW	.3	1.6	5.4	5.6	.8	.2						14.0	11.0
W	.8	3.2	8.1	7.7	1.5	.3	.0					21.7	10.5
WNW	.4	1.5	5.2	3.1	.6	.0						10.8	10.0
NW	.3	2.6	6.2	4.0	.6	.0						13.7	9.7
NNW	.5	1.7	2.0	1.9	.2							6.9	8.9
VARBL													
CALM												3.0	
	4.7	15.1	37.4	32.6	6.2	1.0	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2946

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	1.9	.3	.0							3.8	7.2
NNE	.3	.2	.3	.0								.8	6.1
NE	.2	.4	.7	.1								1.4	6.7
ENE	.2	.2	.4	.1	.0							.9	7.7
E	.1	.3	.7	.2	.0							1.4	8.1
ESE	.0	.1	.3	.1								.5	8.4
SE	.1	.1	.2	.2	.0							.6	9.2
SSE	.1	.0	.1	.0								.2	6.2
S	.2	.5	.4	.3	.0	.1						1.7	8.6
SSW	.1	.8	1.2	1.0	.2	.0						3.4	9.9
SW	.4	1.4	3.9	3.2	.5	.1						9.4	9.9
WSW	1.0	2.8	6.6	3.6	.3							14.4	8.8
W	1.1	5.0	10.0	5.2	.4	.1						21.7	8.8
WNW	.5	2.1	4.7	2.6	.2	.0						10.1	9.0
NW	1.1	4.5	6.6	3.7	.2							18.2	8.4
NNW	1.0	2.2	3.4	1.4	.0							8.0	7.7
VARBL													
CALM												3.7	
	7.2	21.3	43.3	22.2	2.1	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2949

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	.4	.1								1.1	5.7
NNE	.2	.2	.0	.1	.0							.6	5.9
NE	.3	.3	.3									.9	5.0
ENE	.2	.3	.2	.2								.9	7.1
E	.6	.8	.5	.0								1.9	5.2
ESE	.4	.9	.3	.1	.1	.1						1.9	6.5
SE	1.3	2.2	.5	.1	.0	.0						4.2	5.0
SSE	1.8	2.5	.4	.0								4.8	4.2
S	2.8	3.6	1.1	.1								7.7	4.6
SSW	1.8	2.5	1.0	.0								5.4	4.8
SW	2.2	3.3	2.4	.5	.0							8.3	5.8
WSW	1.8	1.9	2.5	.6	.0							8.8	6.0
W	3.4	6.5	5.9	1.1	.0							16.9	6.2
WNW	1.8	3.2	2.3	.8	.0							8.2	6.1
NW	1.5	2.8	2.8	.3	.0							7.5	6.1
NNW	.4	.8	.4	.1								1.7	5.4
VARBL													
CALM												19.2	
	29.4	36.2	27.2	4.2	.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2948

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.0	.0								.4	5.4
NNE	.2	.1										.2	2.9
NE	.3	.2		.0								.5	3.9
ENE	.1	.1	.1	.0	.0	.0						.5	7.9
E	1.5	1.8	.5	.1	.0	.0						3.9	5.0
ESE	2.2	4.1	1.0	.4	.1	.0						7.8	5.3
SE	4.3	10.1	2.4	.4	.0							17.3	4.9
SSE	4.0	7.3	1.6	.2								13.2	4.6
S	4.6	7.0	3.4	.2								15.2	5.0
SSW	1.7	3.5	2.0	.4								7.6	5.6
SW	1.8	3.0	1.8	.3								6.9	5.4
WSW	1.0	1.4	.7	.1								3.1	5.0
W	.9	1.3	1.1	.1								3.2	5.3
WNW	.4	.6	.6	.1								1.8	6.3
NW	.3	.4	.3									1.0	5.1
NNW	.2	.2	.1									.5	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.8	
	23.5	41.4	15.6	2.4	.2	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2840

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB AR(CNA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2										.4	3.9
NNE	.1	.1	.0									.2	4.0
NE	.2	.1	.0									.3	4.3
ENE	.3	.4	.1									.8	4.4
E	1.6	2.4	.5	.0								4.5	4.4
ESE	2.8	6.8	1.9	.5	.1							12.0	5.2
SE	5.7	18.7	6.0	.4								30.8	5.2
SSE	3.0	12.0	3.7	.1								19.6	5.1
S	3.5	4.8	3.3	.2								11.9	5.2
SSW	.9	1.3	.7	.1								2.6	5.3
SW	.6	1.0	.7	.1								2.3	5.7
WSW	.3	.2	.1									.6	4.6
W	.2	.1	.2									.5	5.3
WNW	.1	.1	.2									.3	7.0
NW	.1	.1	.0									.3	4.0
NNW	.1	.1										.1	3.8
VARBL													
CALM												12.8	
	20.0	48.3	17.5	1.3	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2834

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.0									.2	4.0
NNE	.3	.1										.4	3.3
NE	.4	.0	.1									.5	3.8
ENE	.2	.3	.1									.6	4.4
E	1.3	2.0	.6	.1	.0							4.1	5.0
ESE	1.4	4.3	1.8	.8	.2	.1						8.7	6.4
SE	4.9	13.6	5.3	.7	.0							24.4	5.3
SSE	4.2	10.4	4.3	.2								19.1	5.2
S	4.9	7.4	4.1	.2								16.5	5.1
SSW	1.9	1.6	.9	.2								4.6	4.9
SW	.6	1.0	.8	.1	.0							2.7	5.8
WSW	.5	.5	.2	.1	.1							1.3	5.9
W	.4	.3	.2			.0						.9	5.1
WNW	.4	.1	.1									.6	3.5
NW	.2	.1		.0								.3	4.6
NNW	.2	.1										.3	3.4
VARBL													
CALM												14.8	
	21.9	41.8	18.5	2.5	.4	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2841

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	.4	.0								3.7	4.0
NNE	.9	.6	.0									1.5	3.1
NE	.7	.5	.1									1.3	3.6
ENE	.7	.6	.2	.1	.0							1.7	4.7
E	1.4	1.0	.5	.1								3.0	4.5
ESE	.9	.5	.6	.6	.3							3.0	7.9
SE	1.5	1.4	.9	.6	.3							4.7	6.8
SSE	1.1	2.0	.3	.3								3.6	5.2
S	2.6	3.3	2.7	.6	.1							9.3	5.9
SSW	1.0	2.2	2.5	1.2	.4		.0					7.9	7.6
SW	1.9	2.8	3.0	1.4	.1	.1						9.2	7.2
WSW	1.5	2.0	1.3	.7	.1	.0						5.6	6.4
W	2.3	3.2	1.4	.5	.0	.0						7.6	5.6
WNW	1.3	2.5	1.7	.3								5.7	5.9
NW	1.9	2.6	2.0	.4	.0							6.9	5.5
NNW	1.4	1.9	1.1	.2	.0							4.6	5.4
VARBL													
CALM												20.7	
	23.4	28.6	16.7	6.9	1.4	.1	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	1.8	.1	.0							5.6	6.0
NNE	.4	.5	.4									1.3	5.2
NE	.4	.7	.4	.1	.0							1.6	5.5
ENE	.4	.3	.2	.1	.0							1.1	6.2
E	.4	.9	.7	.1		.0						2.1	6.3
ESE	.2	.3	.2	.1	.1	.0						1.0	8.5
SE	.3	.5	.4	.3	.1	.0						1.6	7.8
SSE	.2	.6	.4	.1	.0							1.3	6.5
S	.4	.8	1.8	.7	.6	.0		.0				4.1	9.5
SSW	.4	.9	2.0	1.9	.4	.0						5.7	10.0
SW	.8	2.5	3.4	3.1	1.1	.2						11.1	9.9
WSW	.5	2.7	3.5	2.8	.8	.2						10.5	9.7
W	1.0	4.0	5.9	2.5	.7	.0						14.3	8.5
WNW	1.0	2.4	4.3	1.6	.2							9.6	8.0
NW	1.4	4.0	6.0	3.1	.2							15.4	8.2
NNW	1.1	2.7	3.5	1.4	.0							8.7	7.5
VARBL													
CALM												5.2	
	9.9	28.5	35.5	18.2	4.1	.6		.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2828

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	1.6	.7	.1	.1						4.2	8.3
NNE	.1	.5	.1	.1								.8	5.9
NE	.2	.2	.5	.1	.0	.0						1.1	7.8
ENE	.1	.3	.3	.2	.0	.0						1.0	8.8
E	.1	.2	.3	.2								.9	8.0
ESE		.2	.2	.3	.1							.9	10.5
SE	.1	.0	.4	.2	.1	.0						.9	10.7
SSE	.1	.2	.2	.1		.0						.6	8.7
S	.1	.1	.8	.2	.2	.0						1.5	10.4
SSW	.1	.5	1.8	1.7	.6	.1						4.8	11.6
SW	.2	1.1	3.3	5.0	1.5	.4						11.5	12.1
WSW	.2	1.3	4.8	4.1	1.7	.4						12.5	11.6
W	.5	2.6	6.6	5.3	1.2	.1						16.5	10.3
WNW	.4	2.1	5.1	4.9	.5	.1						13.0	10.0
NW	.5	2.9	7.7	6.3	.8	.0						18.2	10.1
NNW	.5	2.2	4.0	3.1	.2							10.0	9.1
VARBL													
CALM												1.5	
	3.6	16.0	37.7	32.7	7.1	1.4						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2824

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AF3 ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.9	.6	.1	.0						2.6	8.8
NNE	.1	.1	.1	.1								.4	6.8
NE	.1	.3	.3	.1	.0							.9	8.1
ENE	.1	.2	.3	.2	.1		.0					1.0	9.4
E	.3	.3	.6	.2	.2	.0						1.7	9.5
ESE		.2	.3	.3	.1	.1	.0					1.0	13.0
SE		.3	.5	.5	.2							1.4	10.5
SSE	.1	.2	.2	.4	.0							1.0	9.0
S	.1	.4	.6	.3	.0							1.4	8.6
SSW	.2	.4	1.0	.8	.1							2.5	9.2
SW	.5	1.1	3.2	2.4	.5	.1						7.7	10.1
WSW	.5	2.4	4.7	3.6	.6	.1						11.9	9.8
W	1.1	3.9	9.6	5.0	.5	.1						20.1	9.0
WNW	.4	2.4	5.5	3.5	.4							12.2	9.4
NW	1.0	4.6	9.2	6.8	.6							22.2	9.3
NNW	.3	1.6	3.9	3.3	.1							9.2	9.5
VARBL													
CALM												2.6	
	5.2	18.9	40.8	28.3	3.7	.4	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2834

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.4	.2	.0								1.2	4.5
NNE	.2	.1	.0									.4	4.1
NE	.2	.0	.2	.1	.0	.0						.6	9.2
ENE	.2	.4	.3	.1	.0							.9	6.8
E	.4	.6	.9	.2	.0							2.1	7.1
ESE	.4	.4	.7	.3	.1	.1						1.8	8.2
SE	.8	1.4	1.2	.4	.2	.0						4.0	7.0
SSE	1.1	1.4	.4	.1	.0							3.1	4.8
S	1.6	2.3	1.4	.3	.1							5.7	5.6
SSW	1.7	1.8	1.2	.2		.0						4.9	5.4
SW	1.9	2.8	2.4	.3	.0							7.4	5.8
WSW	2.3	4.2	3.1	.4								9.9	5.7
W	3.3	6.9	5.6	.8								16.7	6.0
WNW	2.6	5.2	4.1	.7	.1							12.6	6.1
NW	2.1	4.1	4.2	.7	.0							11.1	6.3
NNW	.4	.9	.7	.1								2.0	5.9
VARBL													
CALM												15.5	
	19.7	32.9	26.5	4.8	.6	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2840

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.1	.2	.1									.4	5.0
NNE	.2	.2	.0	.1								.4	5.8
NE	.3	.4	.1	.1	.1							1.0	6.4
ENE	.3	.4	.3	.2	.0	.0						1.4	7.5
E	.1	1.9	1.4	.3								4.4	6.2
ESE	1.9	3.5	2.4	1.2	.3	.1						9.4	7.0
SE	3.9	7.8	4.9	1.9	.5	.1						19.1	6.5
SSE	4.3	5.8	3.2	.7	.2	.0						14.3	5.5
S	5.4	7.4	3.9	.4	.1							17.2	5.1
SSW	1.5	1.6	1.6	.5	.0							5.3	6.1
SW	.9	1.8	.9	.3	.1							4.0	5.8
WSW	.5	1.0	.6	.0								2.1	5.2
W	.6	1.0	.4	.1								2.2	5.2
WNW	.1	.4	.2	.0								.7	6.6
NW	.3	.5	.4	.1								1.3	6.1
NNW	.1	.2	.1									.5	4.9
VARBL													
CALM												16.4	
	21.4	34.2	20.5	6.0	1.3	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2982

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2	.1									.4	5.7
NNE	.1	.1		.0								.3	4.6
NE	.2	.2	.1	.0								.5	5.0
ENE	.3	.5	.1	.1								1.0	5.0
E	1.4	2.3	1.1	.2								5.1	5.3
ESE	2.1	4.2	2.8	.8	.0	.0						10.0	6.1
SE	5.6	11.7	5.6	1.1	.0	.1						24.2	5.5
SSE	5.2	9.3	3.5	.4	.1							18.6	5.0
S	4.8	6.9	3.5	.1		.0						15.4	5.0
SSW	.8	1.5	1.1	.2	.0							3.6	5.8
SW	.6	1.0	.4									1.9	4.8
WSW	.3	.2	.1									.6	4.4
W	.4	.3										.7	3.2
WNW	.1	.1	.1									.3	5.8
NW	.1	.2	.2	.1								.5	6.5
NNW		.1		.0								.1	8.3
VARBL													
CALM												16.9	
	22.1	38.9	17.7	4.1	.2	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2977

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.0	.0								.3	5.2
NNE	.1	.1										.2	3.6
NE	.3	.1										.5	3.0
ENE	.3	.4	.1	.1	.0							.9	6.0
E	1.1	1.9	1.2	.1								4.3	5.3
ESE	1.4	2.8	2.3	.7								7.2	6.3
SE	4.4	9.4	6.4	1.4	.1							21.7	6.0
SSE	4.1	9.5	4.2	.4	.1							18.2	5.2
S	5.5	7.9	4.0	.6								18.0	5.1
SSW	1.7	1.5	1.1	.2		.0						4.5	5.2
SW	1.0	1.0	.6	.1								2.8	5.1
WSW	.6	.4	.1									1.1	3.8
W	.8	.4	.2									1.4	3.6
WNW	.2	.2	.1	.0								.5	4.5
NW	.3	.3	.1									.7	4.3
NNW	.2	.1	.0	.0								.4	4.4
VARBL													
CALM												17.3	
	22.2	36.1	24.4	3.8	.2	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2979

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	.6									3.8	4.2
NNE	.5	.5	.1	.0								1.2	4.3
NE	.8	1.0	.0									1.8	3.8
ENE	.4	.5	.2		.1							1.1	5.4
E	1.6	1.6	.7	.2	.0							4.3	5.0
ESE	.9	1.1	1.2	.4	.0							3.7	6.6
SE	1.5	2.2	2.0	.9	.2							6.9	6.9
SSE	1.8	2.3	1.3	.2								5.5	5.0
S	3.1	3.0	1.7	.2								8.1	4.9
SSW	1.1	1.4	.9	.1	.0							3.5	5.3
SW	2.0	1.9	.7	.2								4.8	4.7
WSW	1.5	1.8	.6	.1								4.0	4.7
W	2.5	3.7	1.4	.2								7.9	4.8
WNW	1.3	2.8	1.6	.1								5.8	5.4
NW	2.0	4.2	2.3	.4	.0							9.0	5.6
NNW	1.7	2.2	1.3	.1								5.4	5.2
VARBL													
CALM												23.1	
	24.5	31.9	16.7	3.3	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2974

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	2.2	.1	.1							6.9	5.6
NNE	.9	1.1	.4	.2	.0							2.6	5.3
NE	.6	.8	.4	.1	.0							2.0	5.7
ENE	.5	.7	.4	.0								1.6	5.2
E	.6	1.0	.9	.1	.1							2.7	6.2
ESE	.3	.7	.6	.4	.0							2.1	7.3
SE	.9	1.1	1.1	.5	.1							3.5	7.6
SSE	.5	.7	.4	.1								1.7	5.5
S	.7	1.5	1.4	.3	.0							4.0	6.5
SSW	.4	.9	.9	.1	.1							2.4	6.7
SW	.7	1.4	1.0	.7								3.9	6.7
WSW	.9	1.9	1.8	.5	.1							5.3	6.7
W	1.6	4.9	4.0	.7		.1						11.2	6.5
WNW	.6	3.6	4.9	2.4	.1							11.6	8.2
NW	1.6	5.0	9.0	3.5	.2							19.4	8.0
NNW	1.3	4.2	4.3	.9	.1							10.8	6.8
VARBL													
CALM												8.5	
	13.4	32.4	33.9	10.7	.9	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.7	1.9	2.6	.8	.2							6.3	7.5
NNE	.2	.7	.5	.5	.0							2.0	7.8
NE	.3	.5	.5	.4	.1	.0						1.8	8.7
ENE	.4	.5	.6	.4	.1	.0						2.1	8.0
E	.3	.7	.8	.3	.2	.1						2.4	9.0
ESE	.1	.4	.8	.4	.1	.0						1.9	9.4
SE	.2	.8	1.0	.5	.2	.1						2.7	9.0
SSE	.2	.4	.6	.5	.1							1.8	9.5
S	.4	1.0	1.4	.8	.2	.1	.0					3.8	9.0
SSW	.4	.7	1.3	.9	.2	.1						3.6	9.5
SW	.5	.9	1.6	1.1	.1	.0						4.2	8.7
WSW	.6	1.3	2.3	1.0	.1		.0					5.4	8.3
W	1.0	3.4	4.8	2.2	.2	.2						11.9	8.4
WNW	.5	1.9	5.8	3.9	.6	.0						12.8	9.8
NW	.5	3.4	10.9	7.0	1.1	.0						23.0	10.0
NNW	.7	2.0	5.0	2.5	.2	.1						10.6	8.9
VARBL													
CALM												3.8	
	7.1	20.6	47.6	23.4	3.7	.8	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2957

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.3	.8	1.3	.5	.1	.0	.0					3.1	8.4
NNE	.3	.5	.4	.2	.1							1.6	7.4
NE	.2	.6	.5	.3	.1	.1						1.9	9.6
ENE	.2	.5	.7	.7	.2	.2	.0	.0				2.5	11.4
E	.6	.8	1.5	.5	.3	.2	.0					3.9	9.4
ESE	.4	.9	.8	.8	.3	.1						3.4	9.6
SE	.7	1.3	2.2	1.2	.3	.2	.0					6.0	9.2
SSE	.5	1.0	1.4	.7	.1							3.7	7.8
S	.8	2.2	2.8	1.4	.2	.0						7.5	8.1
SSW	.5	1.2	1.3	.9	.1							4.1	8.2
SW	.8	1.5	2.0	.7	.3		.0					5.3	8.1
WSW	.6	1.3	2.0	.8	.0							4.8	7.6
W	.7	2.6	4.0	1.8	.3	.0						9.5	8.3
WNW	.6	2.7	3.9	2.4	.2							9.8	8.6
NW	1.2	4.2	9.2	6.1	.3							21.0	9.1
NNW	.2	1.4	3.0	1.7	.2	.0						6.6	9.0
VARBL													
CALM												5.5	
	8.7	23.4	37.1	20.9	3.2	1.0	.2	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2961

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.3	.4	.2									.9	4.5
NNE	.2	.1	.3	.1								.7	6.8
NE	.3	.5	.4	.1								1.3	5.9
ENE	.4	.4	.7	.5	.1							2.2	8.6
E	.5	1.9	1.7	.5	.4	.1						5.2	8.0
ESE	.6	1.5	2.5	.9	.4	.2						6.1	8.9
SE	1.7	3.8	3.2	2.1	.4	.1						11.3	7.8
SSE	1.6	3.4	2.5	.9	.2	.0						8.6	6.7
S	2.4	4.8	4.0	1.5	.2	.1						12.9	6.8
SSW	1.3	1.9	1.1	.6	.1							5.1	6.3
SW	1.2	1.8	1.6	.5	.1							5.2	6.5
WSW	1.6	2.2	1.1	.4	.0							5.3	5.3
W	1.8	2.7	2.2	.3	.1	.0						7.2	5.9
WNW	1.6	2.3	1.5	.2								5.6	5.6
NW	1.7	2.5	2.1	.4	.0	.0						6.7	6.0
NNW	.5	.7	.3	.1								1.6	5.2
VARBL													
CALM												14.1	
	17.7	31.0	25.3	9.1	2.1	.5						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2979

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.1	.1	.0							.6	6.5
NNE	.1	.1	.1	.0								.3	5.4
NE	.5	.3	.2	.2	.0							1.2	6.3
ENE	.4	.4	.5	.1	.1							1.4	7.0
E	1.4	2.5	1.2	.5	.0							5.6	5.7
ESE	1.9	3.5	2.3	.5	.1							8.3	5.9
SE	6.2	9.6	4.7	.7	.2	.0						21.4	5.4
SSE	5.6	8.0	2.5	.3	.0							16.3	4.7
S	5.2	7.7	3.3	.3	.0							16.5	4.9
SSW	1.3	1.4	.9	.2	.0							3.8	5.3
SW	1.0	1.5	.9	.0								3.4	5.2
WSW	.8	.3	.2									1.3	3.6
W	.5	.7	.5	.1								1.6	5.4
WNW	.1	.1	.1		.0		.0					.4	9.0
NW	.2	.1	.1	.0								.5	5.6
NNW	.2	.3	.1									.5	4.7
VARBL													
CALM												16.9	
	25.2	36.6	17.6	3.0	.6	.0	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3056

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.0	.0	.0							.6	5.2
NNE	.2	.0	.0	.0								.3	4.6
NE		.2	.3	.0		.0						.5	8.0
ENE	.5	.1	.2	.1								.9	5.1
E	1.3	1.9	1.4	.2								4.8	5.3
ESE	2.7	4.3	2.3	.6	.1							9.9	5.6
SE	7.0	13.3	4.2	.6	.0							25.1	4.9
SSE	6.4	10.2	3.1	.4	.0							20.2	4.8
S	4.6	6.3	2.7	.1								13.8	4.7
SSW	.9	.6	.7	.1								2.3	5.4
SW	.8	.9	.5	.1								2.3	5.1
WSW	.2	.3										.4	4.0
W	.2	.2	.0									.4	4.3
WNW	.1	.1	.0									.2	4.5
NW	.2	.1	.1	.0								.4	5.6
NNW	.2	.2	.0									.4	4.2
VARBL													
CALM												17.6	
	25.4	39.0	15.0	2.2	.2	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3055

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2	.1	.1									.4	4.2
NNE	.1	.0	.0	.0								.2	5.7
NE	.1	.2										.4	4.1
ENE	.3	.3	.3	.1								.9	5.7
E	1.0	2.4	1.1	.2								4.7	5.5
ESE	2.1	3.7	2.7	.5								8.9	5.7
SE	5.7	11.9	5.1	.5	.0							23.2	5.2
SSE	4.8	11.4	3.4	.3								19.8	5.0
S	5.2	7.7	2.7	.1								15.6	4.6
SSW	.8	1.1	.4	.1	.0							2.5	5.4
SW	.7	1.1	.5	.0								2.3	4.9
WSW	.4	.3	.0									.7	3.7
W	.4	.5	.1									1.0	4.4
WNW	.2	.1	.0									.3	3.3
NW	.3	.2	.1									.6	4.3
NNW	.2	.2										.4	3.6
VARBL													
CALM												18.1	
	22.4	41.2	16.6	1.7	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3063

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.1	.2									2.7	3.7
NNE	.5	.3	.0									.8	3.0
NE	.7	.8	.1	.1								1.7	4.5
ENE	.8	.8	.1	.0								1.7	3.9
E	1.8	1.7	1.0	.1								4.6	4.9
ESE	1.4	1.9	1.4	.6	.1							5.4	6.2
SE	2.1	3.7	2.2	.7	.2							8.9	6.1
SSE	2.0	2.5	1.5	.2								6.2	5.2
S	3.3	4.1	1.6	.1								9.1	4.5
SSW	1.8	1.3	.8	.1								4.0	4.5
SW	1.9	2.2	1.0	.1								5.1	4.8
WSW	1.5	1.1	.4	.1								3.1	4.3
W	2.3	3.0	.7	.1	.0							6.1	4.5
WNW	1.0	2.0	.7	.1								3.8	4.9
NW	2.0	2.5	1.1	.1								5.8	4.7
NNW	.9	1.6	.7	.0								3.2	4.8
VARBL													
CALM												27.9	
	25.4	30.4	13.5	2.5	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 3062

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.8	3.3	1.8	.2								7.0	5.2
NNE	.7	.9	.3									1.9	4.6
NE	.6	1.1	.4	.0								2.2	5.1
ENE	.5	.6	.5	.1								1.7	5.7
E	.6	1.4	.9	.4								3.3	6.4
ESE	.6	1.0	1.0	.4	.0							3.0	6.8
SE	.7	1.3	1.3	.5	.0		.0					3.8	7.0
SSE	.4	.9	.6	.1								2.0	5.9
S	1.0	1.8	1.1	.3								4.1	5.8
SSW	.8	1.2	1.0	.4		.0						3.4	6.4
SW	1.0	2.2	1.6	.6	.1	.0						5.5	6.6
WSW	1.0	2.2	1.4	.3								4.9	5.9
W	2.5	6.1	3.6	.7	.1	.0						13.0	6.0
WNW	1.4	4.0	3.2	.6	.0							9.2	6.4
NW	2.3	5.1	6.2	1.1	.0							14.7	6.7
NNW	1.3	3.7	2.4	.4	.0							7.8	6.0
VARBL													
CALM												12.4	
	17.1	36.7	27.3	6.0	.3	.1	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3062

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.9	1.9	1.7	.7								5.2	6.7
NNE	.2	.6	.8	.1								1.6	7.0
NE	.3	.6	.7	.3	.1							2.0	7.4
ENE	.4	.6	.5	.4	.0							1.9	7.1
E	.5	.8	1.1	.6	.2							3.2	8.1
ESE	.3	.4	.9	.5	.1	.0						2.3	8.7
SE	.5	1.1	1.0	.6	.1	.1						3.3	8.0
SSE	.2	.6	.6	.3	.2							1.8	8.3
S	.7	1.2	1.8	.5	.2	.0	.0					4.5	8.1
SSW	.5	1.1	1.6	.5	.1	.0						3.7	7.8
SW	.7	1.7	3.0	.9	.1			.0				6.3	7.9
WSW	.3	2.1	2.5	.8								5.8	7.6
W	1.4	4.1	5.9	1.7	.3	.0	.0					13.4	7.6
WNW	1.1	2.4	5.2	1.7	.1							10.5	8.0
NW	1.5	4.0	9.2	4.5	.4							19.6	8.7
NNW	.8	2.4	4.2	1.6								8.9	8.0
VARBL													
CALM												5.8	
	10.2	25.5	40.8	15.5	1.9	.2	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3053

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.4	1.0	.8	.2								2.4	6.3
NNE	.4	.4	.2	.1	.0	.0						1.3	6.3
NE	.4	.8	.7	.1	.1	.1	.0					2.2	7.4
ENE	.4	.7	.6	.5	.1	.1						2.4	8.2
E	.3	1.3	1.4	.4	.2							3.6	7.7
ESE	.4	1.0	.5	.3	.1	.0						2.7	7.6
SE	.8	1.7	2.2	.6	.1	.1						5.5	7.5
SSE	.7	1.7	1.1	.5	.2	.1						4.3	7.2
S	1.5	2.4	2.7	.9	.3	.0						7.9	7.2
SSW	.4	1.9	1.3	.6	.1							4.8	7.4
SW	.8	1.8	2.4	.5	.2	.1	.0					5.9	7.6
WSW	.6	1.7	1.6	.3	.1							4.3	6.6
W	1.5	3.5	4.2	.7	.0	.0						10.0	6.7
WNW	1.1	2.5	3.0	1.4	.1							8.6	7.4
NW	1.9	5.4	9.4	3.2	.2	.1						19.1	7.8
NNW	.7	2.2	2.3	.7	.1							5.9	7.2
VARBL													
CALM												9.2	
	12.3	30.1	35.1	10.8	1.9	.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3065

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.3	.4	.3									1.0	5.1
NNE	.3	.2	.1	.0								.6	4.5
NE	.5	.3	.4	.2	.0	.0						1.3	6.9
ENE	.3	.5	.5	.7	.3							2.2	9.8
E	.9	2.2	2.0	.8	.2	.1						6.1	7.4
ESE	1.0	2.2	2.1	.9	.3	.2						6.7	7.7
SE	2.6	4.4	3.1	1.3	.2	.1						11.7	6.6
SSE	2.7	4.5	2.1	.3	.0							9.6	5.2
S	4.0	5.5	2.9	.6	.1							13.1	5.4
SSW	1.4	1.9	1.3	.3	.0	.0						5.0	5.7
SW	1.6	1.9	1.0	.3	.0							4.8	5.4
WSW	1.3	1.4	.5	.1								3.3	4.6
W	2.0	2.1	1.3	.2		.0						5.6	5.1
WNW	1.2	1.9	.8	.3								4.2	5.2
NW	1.1	1.6	1.3	.1								4.1	5.6
NNW	.3	.4	.2									.9	5.1
VARBL													
CALM												19.9	
	21.6	31.2	20.0	5.8	1.1	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3057

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2	.2	.1									.4	4.3
NNE	.0	.0										.1	3.5
NE	.1	.2	.1	.1								.5	5.7
ENE	.4	.2	.4	.1								1.2	6.1
E	1.2	2.8	1.7	.5	.1							6.2	6.2
ESE	1.9	5.8	3.0	1.4	.2	.1						12.2	6.6
SE	6.8	14.4	5.8	1.2	.2	.0						28.4	5.5
SSE	4.7	8.3	2.4	.1	.0	.0						15.5	4.7
S	4.3	5.4	2.7	.2	.0							12.6	4.9
SSW	.8	1.3	.4	.1								2.7	4.9
SW	.8	.7	.4	.1								2.0	5.1
WSW	.3	.4	.1									.8	4.0
W	.2	.2	.1									.5	5.0
WNW	.2	.1	.1	.1								.4	5.8
NW	.1	.3	.1	.0								.6	5.2
NNW	.0	.1										.1	4.0
VARBL													
CALM												15.6	
	22.2	40.4	17.3	3.8	.5	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2949

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.1	.0	.0		.0							.2	7.2
NNE	.1	.1										.1	3.5
NE	.1	.3										.4	4.1
ENE	.1	.3	.2	.1								.6	6.1
E	1.6	3.1	2.1	.5	.0							7.4	5.9
ESE	1.7	6.3	3.2	1.1	.2							12.5	6.3
SE	7.1	18.1	8.4	1.1	.1	.1						34.8	5.6
SSE	4.0	9.4	3.0	.2								16.6	5.0
S	3.0	4.2	2.4	.1								9.5	5.0
SSW	.5	.5	.3	.1								1.5	5.3
SW	.5	.5	.1	.0		.0						1.2	4.9
WSW	.1	.2	.1									.4	4.7
W	.0	.1	.1									.2	5.8
WNW	.1	.0	.0	.0								.2	5.2
NW	.1	.2										.3	3.5
NNW	.1	.2	.0	.0								.3	6.0
VARBL													
CALM												13.6	
	19.3	44.4	20.0	3.3	.4	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2949

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2	.0	.0									.3	3.8
NNE	.1	.1	.1									.3	5.9
NE	.1	.3	.0	.0								.5	5.0
ENE	.2	.3	.3	.1								.9	6.0
E	1.3	2.9	1.7	.9	.1							6.9	6.5
ESE	1.9	5.2	3.6	1.1	.5	.0						12.0	6.9
SE	5.8	15.3	7.9	1.2	.2							30.4	5.7
SSE	4.0	10.4	5.1	.3								19.7	5.4
S	3.8	5.9	1.0	.2								11.9	4.8
SSW	.5	.8	.4	.1								1.8	5.1
SW	.6	.9	.4	.1								2.0	5.4
WSW	.2	.3	.0	.0								.5	4.3
W	.3	.1	.0	.0								.5	4.3
WNW	.2	.1										.3	3.3
NW	.1	.1	.1									.2	5.3
NNW	.1	.0			.0							.1	7.3
VARBL													
CALM												11.7	
	19.0	42.8	21.7	4.0	.8	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2948

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.7	.6	.2									1.5	3.9
NNE	.5	.2										.7	2.9
NE	.5	.8	.2	.1								1.6	5.2
ENE	.8	.8	.7	.3	.0							2.8	6.2
E	1.8	1.7	1.2	.8	.5							6.0	7.0
ESE	1.5	2.0	2.3	2.6	1.0	.3						9.8	9.8
SE	2.3	4.0	3.9	2.5	.8	.1						13.6	8.1
SSE	2.2	2.9	1.7	.6	.1							7.5	5.7
S	3.0	4.5	2.2	.6	.0							11.1	5.3
SSW	1.4	1.7	1.0	.3	.1							4.6	5.8
SW	1.2	1.5	1.1	.1	.0							4.0	5.4
WSW	1.1	.9	.1	.1								2.2	3.9
W	1.4	1.8	.7	.2								4.1	4.9
WNW	1.1	1.0	.6	.0								2.7	4.6
NW	.5	1.1	.5	.1								2.6	5.3
NNW	1.0	.7	.2	.0								1.9	3.9
VARBL													
CALM												23.4	
	22.0	26.3	16.7	8.5	2.7	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2943

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.7	2.0	.7	.1	.0							4.5	4.7
NNE	.6	.9	.2	.1								1.8	5.0
NE	.6	.8	.7	.2								2.3	5.9
ENE	.2	.6	1.1	.2	.0							2.6	7.2
E	1.1	1.5	1.6	1.2	.1	.0						5.5	7.6
ESE	.6	1.0	1.7	1.5	.5	.2						5.9	10.5
SE	.9	1.7	2.6	1.4	.3							6.9	8.3
SSE	.6	.9	1.1	.2	.1							2.9	6.7
S	1.1	1.9	1.4	.6	.2							5.1	6.9
SSW	.8	1.4	1.6	.8	.1							4.6	7.5
SW	.9	2.2	2.1	.9	.2	.0						6.3	7.4
WSW	1.0	2.0	1.8	.5	.1	.0						5.5	6.7
W	1.6	4.0	3.9	.6	.1							10.1	6.5
WNW	1.2	2.4	3.2	.5	.1							7.5	6.8
NW	1.3	3.7	3.7	1.1	.2	.1						10.0	7.0
NNW	1.1	3.4	1.7	.3	.0							6.5	5.9
VARBL													
CALM												12.2	
	15.6	30.3	28.8	10.7	2.1	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING & ARCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	2.0	.6	.1							5.9	6.7
NNE	.3	1.0	.5	.3	.0							2.2	7.0
NE	.4	1.3	1.0	.6		.0						3.3	7.4
ENE	.5	.6	.8	.9	.1	.0						2.9	8.8
E	.3	1.0	1.7	1.2	.1	.0						4.3	9.0
ESE	.4	.6	1.3	1.3	.3							3.9	9.9
SE	.6	1.2	1.6	1.3	.2							4.9	8.8
SSE	.2	.8	.6	.4	.0	.0						2.1	7.8
S	.5	1.2	1.1	.6	.2							3.6	7.9
SSW	.4	.8	1.1	.9	.1							3.3	8.4
SW	.5	1.6	3.0	1.7	.3	.0						7.1	9.1
WSW	.6	1.6	3.1	1.2	.2							6.8	8.1
W	1.7	3.7	4.5	1.3	.1							11.3	7.2
WNW	.7	2.4	3.8	1.6	.2							8.8	8.2
NW	1.3	4.3	6.8	3.4	.4							16.2	8.3
NNW	.8	2.3	3.8	.6	.2	.0						7.9	7.5
VARBL													
CALM												5.7	
	10.4	26.4	36.6	18.2	2.5	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2947

USAFETAC FORM 0 9-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1600-2000 (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	.8	.8	.8	.2								2.6	5.6
NNE	.1	.4	.3		.0							.9	6.2
NE	.6	.6	.4	.3								2.0	6.5
ENE	.3	1.2	1.8	.6	.1	.0						4.1	8.1
E	.9	2.2	2.4	.7	.1	.0						6.4	7.2
ESE	.4	1.1	1.6	.9	.1	.0						4.2	8.4
SE	.7	1.5	1.6	1.1	.2	.1						5.2	8.1
SSE	.8	.7	.4	.2	.0	.0						2.2	6.1
S	.7	1.5	1.6	.5	.1	.0						4.4	7.3
SSW	.7	1.4	1.0	.5	.0							3.7	6.6
SW	.9	2.0	2.5	.5	.1							5.9	6.8
WSW	1.1	1.9	1.5	.3	.0							4.8	5.8
W	2.2	3.5	3.0	.5	.1							9.2	6.0
WNW	1.7	2.8	3.2	1.1								8.8	6.6
NW	2.6	7.8	7.5	1.4	.1							19.5	6.7
NNW	1.0	2.1	1.9	.2		.0						5.2	6.2
VARBL													
CALM												10.8	
	15.8	31.5	31.3	9.2	1.1	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2949

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.3	.1	.2	.0								.6	4.8
NNE	.2	.1	.1	.1								.5	5.2
NE	.3	.6	.2	.1	.0							1.3	5.9
ENE	.4	1.2	.9	.3	.1	.0						2.9	7.2
E	1.3	2.6	2.6	.8								7.3	6.6
ESE	1.3	2.9	2.1	1.5	.2							7.9	7.3
SE	3.5	5.2	3.4	.8	.3	.1						13.5	6.1
SSE	2.4	3.6	1.5	.2	.0							7.8	4.9
S	4.7	5.7	1.5	.4								12.4	4.6
SSW	1.5	2.8	1.2	.2	.0	.0						5.7	5.5
SW	1.8	1.6	1.0	.0								4.4	4.7
WSW	1.2	1.5	.4			.0						3.1	4.5
W	1.7	2.3	1.2	.2								5.3	5.1
WNW	.9	1.1	.8	.1								2.9	5.2
NW	1.1	1.5	.8	.3	.0							3.7	5.8
NNW	.7	.5	.1									1.3	3.8
VARBL													
CALM												19.3	
	23.3	33.3	19.2	5.0	.7	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2951

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2	.1										.3	3.3
NNE	.0	.0	.0		.0							.1	8.3
NE	.2	.3	.1	.1								.7	5.6
ENE	.5	.3	.3	.0								1.1	5.1
E	1.4	2.8	1.9	.4								6.5	6.0
ESE	2.1	6.3	2.7	.8	.2	.1						12.1	6.1
SE	7.7	16.7	5.5	1.3	.1							31.3	5.3
SSE	5.0	8.2	2.2	.3	.0							15.6	4.8
S	3.4	4.3	2.0	.3	.0							10.1	5.0
SSW	.9	1.4	.8	.1								3.2	5.4
SW	.5	.7	.5	.1								1.8	5.9
WSW	.3	.2	.2									.7	4.9
W	.3	.4	.3									1.0	5.0
WNW	.2	.1	.1	.0								.4	5.4
NW	.2	.1	.1	.2	.0	.0						.6	8.8
NNW	.1	.1										.2	3.7
VARBL													
CALM												14.2	
	22.9	42.1	16.7	3.6	.4	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2050

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.0		.0								.2	4.5
NNE		.0										.0	4.0
NE	.2	.1	.0	.0								.4	4.6
ENE	.3	.4	.4	.2								1.2	6.5
E	1.5	2.3	2.2	.7	.0							6.7	6.4
ESE	2.5	6.1	3.7	.9	.2							13.4	6.2
SE	7.3	17.3	8.1	1.5	.0							34.1	5.6
SSE	3.9	9.0	4.0	.2								17.1	5.2
S	2.0	3.4	3.0	.6								8.9	5.9
SSW	.3	.7	.9	.2								2.1	6.8
SW	.4	.3	.3	.1								1.2	5.9
WSW	.1	.1	.1	.0								.2	6.6
W	.1	.3	.2	.0		.0						.7	6.6
WNW	.0	.2	.1	.0	.0							.4	6.8
NW	.2	.2	.2	.2	.1							.8	7.5
NNW	.1	.1	.0									.2	4.6
VARBL													
CALM												12.4	
	19.0	40.6	23.1	4.6	.3	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3043

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2		.1	.0								.3	5.0
NNE	.1	.1	.0									.2	4.2
NE	.2	.2	.1									.4	4.8
ENE	.1	.3	.6	.1								1.1	7.1
E	1.2	2.6	2.5	.4	.0	.0						6.8	6.3
ESE	1.8	5.2	3.5	1.1	.3							11.9	6.7
SE	5.4	13.3	8.7	1.3	.1							28.8	5.9
SSE	3.7	11.6	5.8	.5								21.7	5.7
S	2.6	4.8	3.1	.5	.0							11.0	5.7
SSW	.4	.7	.9		.1							2.0	6.3
SW	.2	.4	.3	.0								.9	5.9
WSW	.0	.2	.1	.0		.0						.3	7.8
W	.3	.1	.1	.1								.6	5.2
WNW	.3	.2	.1	.1								.6	5.7
NW	.1	.2	.3		.0							.6	7.0
NNW	.1	.2	.1									.3	5.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.5	
	16.7	39.9	26.1	4.3	.5	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3050

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.9	.5	.1									1.5	3.6
NNE	.1	.3		.0								.5	4.6
NE	.6	.7	.2	.2	.0							1.7	5.4
ENE	.8	.9	.5	.3	.0							2.5	6.1
E	1.4	2.0	1.9	.8	.1	.1	.0					6.4	7.0
ESE	1.6	2.2	2.3	2.7	.8	.3						9.8	9.4
SE	2.9	4.5	4.2	2.8	.7	.0						15.1	7.7
SSE	2.8	3.8	1.8	1.0	.2							9.6	6.0
S	4.0	4.8	2.6	.8	.2							12.3	5.5
SSW	1.4	1.3	1.2	.7	.2	.0						4.8	6.8
SW	1.3	1.2	.7	.5	.1		.0					3.8	6.3
WSW	.4	.4	.4	.1	.0	.1						1.4	7.0
W	.8	.9	.4	.1								2.1	5.1
WNW	.3	.8	.4	.2								1.9	5.6
NW	.8	1.0	.8	.2								2.8	5.7
NNW	.5	.4	.0	.0								1.0	3.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	22.9	
	20.8	25.6	17.4	10.4	2.3	.5	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3047

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 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	1.3	2.3	1.0	.1								4.7	5.0
NNE	.5	.6	.1	.1	.0							1.4	5.2
NE	1.0	1.0	.5	.0								2.5	4.6
ENE	.7	.7	.4	.2	.2							2.2	6.8
E	1.1	1.2	1.6	.9	.2	.1						5.0	7.8
ESE	.5	.9	2.0	2.1	.6	.0						6.2	10.3
SE	.9	1.4	2.7	2.3	.3							7.5	9.1
SSE	.7	1.5	.8	.7	.1	.0	.0					3.8	7.4
S	.9	1.8	1.3	.6	.1	.0	.0					4.9	7.2
SSW	.7	1.2	1.6	1.3	.4	.1						5.3	9.4
SW	.6	1.3	2.0	1.3	.5	.2						5.9	9.8
WSW	.9	1.8	1.3	.8	.1	.0						5.0	7.4
W	1.8	3.2	3.4	.6	.2	.0						9.2	6.6
WNW	1.3	2.5	1.7	.9	.1							6.6	6.7
NW	1.8	3.9	2.9	.5	.0	.1						9.3	6.2
NNW	1.6	2.7	1.6	.2								6.2	5.4
VARBL													
CALM												14.4	
	16.3	28.1	25.0	12.6	2.8	.6	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3038

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.0	2.8	1.4	.6								5.8	6.2
NNE	.6	.4	.5	.1								1.5	5.1
NE	.4	.8	.8	1.0	.0							3.0	8.4
ENE	.4	1.1	1.0	.4								2.9	6.9
E	.9	1.4	2.0	.7	.1	.1						5.2	7.6
ESE	.3	.7	1.7	1.1	.1	.0						3.9	9.1
SE	.4	1.2	1.4	.8								3.8	7.8
SSE	.2	.5	.8	.2	.0	.0						1.7	7.5
S	.6	.8	.9	.6	.2							2.9	7.8
SSW	.1	.3	.7	1.1	.3	.0						2.6	11.5
SW	.5	.7	1.7	1.6	.4	.0						4.9	9.9
WSW	.4	.9	2.1	1.4	.2	.0						5.0	9.3
W	.8	3.1	3.9	2.2	.1	.1						10.1	8.2
WNW	.6	2.8	4.5	1.9	.2							10.0	8.3
NW	1.7	4.9	8.8	2.8	.2							18.5	7.8
NNW	1.3	3.5	4.0	1.1	.1							9.9	7.0
VARBL													
CALM												8.3	
	10.0	25.8	36.2	17.4	2.0	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3045

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.1	.9	.6									2.6	4.6
NNE	.2	.2	.1									.5	4.3
NE	.2	.8	1.0	.3								2.3	7.2
ENE	.9	1.6	1.8	.8								5.0	7.0
E	.8	2.8	2.2	.9								6.7	6.9
ESE	.4	1.2	1.1	.4	.1							3.2	7.1
SE	.7	1.6	.9	.4	.0							3.7	6.3
SSE	.7	.7	.2		.0							1.7	4.5
S	1.0	.7	1.0	.4	.0							3.0	6.7
SSW	.5	1.0	.7	.3								2.5	6.0
SW	.8	1.2	1.6	.5								4.1	6.7
WSW	1.2	1.4	.7	.2								3.5	5.2
W	2.7	3.4	2.7	.4	.0							9.2	5.5
WNW	2.2	4.6	3.0	.5								10.4	5.8
NW	3.8	7.5	6.7	.8	.1							18.9	6.1
NNW	1.1	2.2	1.2	.2	.0							4.7	5.5
VARBL													
CALM												18.2	
	18.5	31.8	25.3	5.9	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3050

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2	.0	.1									.4	4.6
NNE	.1	.1	.0	.0								.2	5.7
NE	.2	.2	.0	.1								.5	5.7
ENE	.2	.9	1.0	.1								2.2	6.3
E	1.4	2.9	2.5	.5	.0							7.3	6.2
ESE	1.7	3.8	1.5	.9	.0							7.9	6.0
SE	4.3	7.9	2.5	.7	.1							15.5	5.2
SSE	4.6	6.5	1.2	.1	.1	.0						12.5	4.4
S	5.3	6.2	2.4	.2								14.1	4.7
SSW	1.4	2.4	1.0	.3								5.0	5.2
SW	1.2	1.7	1.0	.0								3.9	5.0
WSW	.9	1.2	.6	.1	.1							2.9	5.5
W	1.3	1.3	.7	.1								3.4	4.8
WNW	.6	.9	.8	.0								2.3	5.5
NW	.6	.9	.5	.1								2.1	5.8
NNW	.3	.3	.1									.6	4.1
VARBL													
CALM												19.2	
	24.2	37.1	15.9	3.1	.3	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 3051

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.2									.5	5.9
NNE	.1	.0										.1	3.3
NE	.2	.3	.0	.0								.6	4.8
ENE	.1	.4	.1	.2	.1							.8	8.3
E	1.1	3.0	1.5	.7	.2	.0						6.4	6.6
ESE	2.5	7.1	2.7	1.0	.1	.0						13.4	5.8
SE	6.4	17.5	7.9	1.1	.1							33.1	5.6
SSE	3.7	7.7	3.6	.6	.0							15.6	5.4
S	2.8	3.3	2.5	.4	.0	.0						9.1	5.4
SSW	.7	.9	.6		.1							2.3	5.6
SW	.3	.7	.5	.2								1.6	6.4
WSW	.3	.3	.1	.1								.8	4.9
W	.2	.5	.2	.0								.9	5.4
WNW	.2	.1	.2		.0							.5	6.6
NW	.2	.2	.2	.0	.0	.1						.7	8.0
NNW	.1	.2	.1	.1								.5	6.7
VARBL													
CALM												13.1	
	18.9	42.5	20.4	4.4	.6	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2963

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.0	.0		.0							.2	6.1
NNE	.1	.0										.1	2.7
NE	.2	.1		.0	.0							.3	5.8
ENE	.2	.2	.4	.3								1.1	7.8
E	1.3	2.3	1.8	.7	.1							6.1	6.3
ESE	2.0	5.2	3.4	.9	.1							11.6	6.2
SE	5.6	17.7	10.2	1.6	.3							35.4	6.0
SSE	3.1	8.0	5.5	.7								17.3	5.9
S	2.1	3.1	3.3	.6			.0					9.1	6.2
SSW	.5	.6	.5	.1	.1	.0	.0					1.9	7.0
SW	.4	.7	.4	.1	.0							1.7	5.8
WSW	.1	.3	.1	.1								.5	6.1
W	.1	.4	.1	.1	.0							.8	6.5
WNW	.1	.1	.1	.1								.6	6.4
NW	.2	.2	.1	.1	.0							.7	6.4
NNW	.1	.1	.0									.2	4.0
VARBL													
CALM												12.2	
	16.4	39.2	26.0	5.5	.7	.0	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2958

USAFETAC FORM JUL 64 3-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNT) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.1									.3	5.4
NNE	.1	.0	.0									.1	5.0
NE	.3	.1	.1	.1	.1							.6	6.5
ENE	.1	.3	.1	.2	.1							.9	8.0
E	1.2	2.1	1.5	.4	.1	.0						5.3	6.4
ESE	1.4	4.2	3.8	1.1	.2	.0						10.7	6.9
SE	5.1	13.5	10.9	2.3	.2	.1						32.0	6.4
SSE	3.4	10.3	6.5	.8	.0							21.0	5.9
S	2.4	4.3	3.7	.4								10.9	5.8
SSW	.7	.6	.3	.3								1.9	5.9
SW	.3	.5	.3		.1							1.3	6.0
WSW	.3	.1	.0	.0								.5	4.2
W	.2	.3	.1	.1	.0							.6	6.3
WNW	.1	.1	.1									.3	4.7
NW	.2	.2	.3	.1	.0							.8	7.1
NNW	.1	.1	.1	.1								.3	6.6
VARBL													
CALM												12.4	
	15.9	37.1	27.7	5.9	.8	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2955

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) LAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.2									1.4	4.2
NNE	.5	.3	.2	.0	.0							1.1	5.0
NE	.9	.6	.4	.2	.1	.1						2.2	6.5
ENE	.6	.7	.6	.5	.1	.0						2.6	7.6
E	2.1	2.4	2.0	.2	.2	.0						7.0	5.9
ESE	1.8	1.8	2.7	3.0	.7							9.9	8.9
SE	2.6	6.1	5.5	2.4	.5	.3						17.5	7.6
SSE	3.0	4.5	2.6	.5	.1	.1						10.7	5.8
S	2.7	5.1	1.9	.5		.1						10.3	5.4
SSW	.9	1.1	.5	.5	.2	.1	.0					3.3	7.9
SW	.8	1.0	.9	.2	.2	.1						3.4	7.6
WSW	.9	.5	.2		.1							1.7	4.6
W	1.1	.8	.6	.2								2.6	5.1
WNW	.6	.7	.3	.2	.0							1.9	5.9
NW	1.2	1.1	.5	.2								3.0	5.2
NNW	.6	.2	.1									.9	3.5
VARBL													
CALM												20.5	
	21.1	27.3	19.3	8.7	2.2	.9	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2949

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

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.3	.8	.2			.0					5.6	4.6
NNE	.7	.7	.2	.1								1.7	4.8
NE	.7	.7	.2	.4	.1	.0						2.3	7.0
ENE	.8	.7	.6	.6	.1	.1						2.9	7.6
E	.9	1.1	1.7	.8	.2	.1						4.7	8.0
ESE	.8	1.2	1.7	1.9	.9	.0						6.6	10.0
SE	1.1	1.6	2.3	2.0	.3	.0						7.4	8.6
SSE	.8	1.1	.7	.2	.0							2.9	5.9
S	.9	1.4	1.2	.4		.0						3.9	6.6
SSW	.7	.4	.9	.7	.1	.1	.0					2.0	9.2
SW	.8	.9	1.2	1.1	.4	.2		.0				4.6	9.9
WSW	.8	1.1	1.4	.5	.2							3.9	7.6
W	1.9	2.4	2.1	.9	.1	.0	.0					7.5	6.7
WNW	1.5	2.7	2.2	.7	.2							7.4	6.7
NW	2.7	4.4	2.9	.6	.2							10.9	5.9
NNW	2.0	3.2	.5	.4								7.0	5.3
VARBL													
CALM												17.8	
	19.4	25.8	21.7	11.5	3.0	.6	.1	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2951

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION) 41-45,48-75 (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	2.0	2.8	1.5	.3								6.7	5.3
NNE	.7	.5	.1	.1								1.4	4.4
NE	.7	1.0	1.0	.5	.2							3.5	7.4
ENE	.3	.6	1.3	1.0	.2							3.5	9.4
E	.7	1.7	1.5	.4	.2	.0						4.5	7.0
ESE	.1	1.0	1.0	1.1	.1							3.4	9.2
SE	.4	1.1	.9	.3	.0							2.8	6.8
SSE	.2	.3	.3	.1								.8	6.3
S	.4	.4	.4	.2								1.4	6.4
SSW	.2	.4	.7	.8	.2	.1						2.4	10.8
SW	.2	.5	1.2	1.3	.3	.2	.0					3.8	11.3
WSW	.4	.7	1.5	.6	.2							3.4	8.6
W	1.0	1.7	3.1	1.0	.2	.0						7.1	7.9
WNW	1.3	2.7	3.5	.9	.1							8.5	7.1
NW	2.7	7.4	9.6	2.8	.3	.1						22.9	7.4
NNW	2.0	5.3	4.2	.9	.0							12.4	6.3
VARBL													
CALM												11.6	
	13.4	28.1	31.9	12.4	2.3	.4	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2950

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.3	.9	.7									2.9	4.6
NNE	.5	.2	.1	.0								.9	4.4
NE	.3	.9	.4	.3	.0							2.0	6.4
ENE	.4	1.3	1.6	.5	.2	.1						4.0	8.0
E	.9	2.9	2.1	.4	.3							6.6	6.7
ESE	.9	1.4	1.0	.3								3.7	6.1
SE	1.2	1.6	.8	.2								3.8	5.2
SSE	1.0	.7	.2									1.8	3.9
S	1.5	1.7	1.0	.1								4.2	4.8
SSW	.8	.7	.5	.3	.1							2.4	6.2
SW	.9	.7	.8	.4	.1							2.9	6.3
WSW	1.5	1.1	.5	.2								3.4	5.0
W	2.5	2.8	1.3	.5	.0							7.2	5.2
WNW	2.4	3.9	2.3	.5		.0						9.2	5.6
NW	4.2	6.4	4.1	1.0	.1							15.8	5.8
NNW	1.6	1.9	1.0									4.6	4.7
VARBL													
CALM												24.5	
	22.1	29.2	18.7	4.7	.7	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2955

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	.1	.2	.2									.5	5.8
NNE	.1	.1	.1									.3	4.2
NE	.1	.2	.1	.0								.5	5.9
ENE	.2	.5	.2	.1	.2							1.1	7.9
E	1.1	2.7	1.8	.7	.1							6.5	6.6
ESE	2.7	4.5	3.0	.5	.1	.0						10.8	5.8
SE	5.7	11.8	4.3	.5								22.3	5.1
SSE	4.1	6.9	2.1	.2								13.4	4.6
S	4.7	5.1	2.1	.4	.0							12.2	4.7
SSW	1.4	1.6	.8	.1								3.8	4.7
SW	.9	1.4	1.2	.3	.1							3.9	6.1
WSW	.7	.6	.3	.2								1.8	5.3
W	.6	1.0	.8	.1		.0						2.5	5.9
WNW	.2	.3	.4	.0								.9	6.3
NW	.4	.3	.5	.2	.0	.0						1.5	6.7
NNW	.0	.1	.2	.0								.4	6.7
VARBL													
CALM												17.4	
	23.3	37.4	18.0	3.3	.5	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2959

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (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	.3		.0								.6	4.3
NNE	.1	.0										.1	2.5
NE	.2	.1	.1	.1								.4	5.8
ENE	.3	.5	.3									1.1	5.3
E	1.1	2.5	1.4	.5	.0							5.5	6.1
ESE	2.0	6.4	3.4	1.6	.2	.0						13.6	6.6
SE	5.9	14.9	8.4	1.3	.2							30.7	5.8
SSE	3.6	6.8	4.0	.5								14.9	5.5
S	2.6	3.5	2.1	.2								8.4	5.2
SSW	.9	.8	.7	.3	.0	.1						2.8	6.8
SW	.7	.7	.3	.1	.0							2.1	5.9
WSW	.4	.5	.2	.2	.0							1.3	6.6
W	.5	.4	.5	.1								1.5	5.7
WNW	.1	.3	.4	.1		.1		.0				.9	9.4
NW	.2	.2	.4	.1								1.0	6.9
NNW	.1	.1	.1	.0								.3	5.8
VARBL													
CALM												14.6	
	18.8	37.8	22.7	5.3	.5	.2		.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3056

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	5.0
NNE	.1											.1	2.0
NE	.3	.1	.2	.0								.7	5.3
ENE	.2	.3	.1	.1	.0							.7	6.3
E	1.5	2.2	1.8	.3								5.7	5.9
ESE	2.3	5.7	3.5	1.4	.1							13.0	6.5
SE	5.4	14.7	8.9	2.2	.2							31.3	6.1
SSE	3.1	7.7	5.2	.9	.0							16.9	6.1
S	1.7	3.7	2.4	.5								8.3	5.8
SSW	.5	.6	.7	.2	.1	.1						2.2	7.5
SW	.4	.5	.7	.2	.0							1.8	6.7
WSW	.1	.3	.2	.1		.0						.7	6.8
W	.4	.3	.7	.1	.0							1.5	6.9
WNW	.2	.2	.2	.0	.0							.7	5.8
NW	.3	.3	.3	.0								.9	5.7
NNW	.2	.1	.0	.1								.4	4.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.9	
	16.6	36.7	25.0	6.1	.5	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3054

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.0									.3	3.5
NNE	.1	.0										.2	2.8
NE	.3	.2	.1									.5	4.4
ENE	.3	.5	.5	.1								1.3	6.3
E	1.3	1.8	1.4	.4	.1							5.0	6.0
ESE	2.0	4.5	3.2	1.5	.2							11.5	6.8
SE	5.1	13.3	10.2	2.8	.3	.0						31.7	6.5
SSE	3.4	8.1	5.8	.9	.2							18.3	6.0
S	2.4	3.4	3.2	.5	.0	.0						9.5	5.9
SSW	.5	.8	.8	.3	.2	.0						2.6	8.1
SW	.5	.5	.4	.1	.0							1.4	5.6
WSW	.1	.3	.1	.1								.6	6.2
W	.1	.3	.3	.0								.9	5.6
WNW	.1	.4	.2	.1								.8	6.8
NW	.3	.3	.4	.1								1.0	6.8
NNW	.1	.2	.1	.1								.5	7.5
VARBL													
CALM												13.9	
	16.2	34.5	26.6	7.1	1.0	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 3053

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.5	.2	.0								1.3	4.3
NNE	.3	.3	.1									.6	3.9
NE	.6	.4	.3	.2								1.4	5.6
ENE	.9	.8	.2	.2	.0	.0						2.2	5.1
E	1.4	2.1	1.3	.7	.1							5.5	6.2
ESE	1.6	3.0	3.3	2.8	.4	.2						11.3	8.5
SE	2.6	6.5	5.9	3.0	.5	.2	.0					18.8	7.6
SSE	2.9	5.1	3.5	.5	.1	.1						12.1	5.9
S	2.9	4.0	2.0	.6	.1	.0	.0					9.7	5.6
SSW	.9	.8	.6	.3	.2	.1	.1					2.9	7.9
SW	1.3	.8	.6	.3	.1	.0	.0					3.1	6.2
WSW	.5	.3	.3	.1								1.2	5.7
W	.9	1.1	.7	.4	.1							3.2	6.5
WNW	.8	.7	.4	.3	.0	.0						2.1	6.0
NW	1.2	.5	.7	.2	.1							2.8	5.7
NNW	.7	.5	.2	.1								1.4	4.3
VARBL													
CALM												20.5	
	19.9	27.3	20.2	9.5	1.8	.5	.2					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3061

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (XNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.5	.7	.0								5.8	4.1
NNE	1.0	.9	.2	.0								2.2	4.3
NE	1.2	1.1	.3	.6	.0							3.2	6.0
ENE	.7	.9	.4	.3	.1	.1						2.5	7.2
E	1.4	1.1	1.0	.9	.1							4.5	6.6
ESE	.6	1.2	1.5	1.9	.4	.1						5.6	9.7
SE	1.0	1.8	2.3	2.4	.8	.1						8.4	9.6
SSE	.6	.9	.7	.4	.2	.0						2.8	7.3
S	1.3	1.5	1.2	.4	.1	.1						4.6	6.5
SSW	.5	.8	.5	1.2	.4	.2	.1	.1				3.7	11.5
SW	.8	.7	1.0	.8	.4	.2	.0	.0				3.8	9.9
WSW	.8	.5	.7	.3	.1	.1						2.5	7.2
W	1.6	2.0	1.0	.6	.2	.0						5.4	6.2
WNW	1.2	1.9	1.2	.5	.2							5.0	6.4
NW	3.1	3.7	3.0	.8	.1	.0						10.7	6.0
NNW	2.0	2.3	1.1	.2	.0	.0						5.8	5.3
VARBL													
CALM												23.6	
	20.3	23.7	17.1	11.1	3.0	1.0	.1	.1				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3055

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	2.2	2.5	1.2	.1								6.0	4.8
NNE	.8	.6	.2	.0								1.7	4.0
NE	.7	.6	.7	.5	.1							2.6	7.5
ENE	.6	.8	1.2	.8	.1							3.5	7.9
E	.8	1.5	1.7	.4	.1							4.6	6.9
ESE	.4	.7	1.0	.8	.1							2.9	8.5
SE	1.0	1.1	1.4	.7	.2							4.4	7.3
SSE	.3	.3	.3	.3	.0							1.2	6.9
S	.3	.3	.0	.4		.0						1.6	8.2
SSW	.2	.3	.8	.7	.2	.1						2.3	10.7
SW	.3	.5	.9	1.1	.5	.2						3.6	11.6
WSW	.2	.5	.6	.8	.1	.1	.0					2.4	10.2
W	.9	1.7	1.6	.8	.2	.1	.0					5.3	7.6
WNW	1.1	2.3	2.7	.9	.2							7.2	7.0
NW	3.3	8.0	8.7	2.9	.4	.0	.0					23.3	7.2
NNW	2.4	4.7	3.9	.7	.1							11.8	6.1
VARBL													
CALM												15.6	
	15.7	28.5	27.5	11.2	2.3	.5	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3061

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	1.5	1.0	.5	.1								3.1	4.4
NNE	.3	.1	.0	.0	.0							.6	4.8
NE	.7	.3	.7	.2	.0							1.9	6.1
ENE	.6	.8	1.3	.5	.0	.0						3.4	7.5
E	1.2	2.2	2.1	.6								6.0	6.3
ESE	1.0	1.7	1.5	.4	.1							4.7	6.4
SE	1.8	2.6	1.7	.4	.1							6.5	5.7
SSE	1.3	1.2	.7	.1								3.3	4.8
S	1.2	1.6	.6	.1	.0							3.5	4.9
SSW	.7	.8	.9	.3								2.6	6.4
SW	1.2	1.3	1.0	.3	.1	.2						4.1	6.9
WSW	.6	.6	.2	.1	.0	.0						1.5	5.6
W	1.8	2.0	1.4	.3	.1	.1						5.5	5.6
WNW	1.9	2.7	1.7	.5	.0							6.9	5.6
NW	4.5	5.2	3.2	1.0	.1			.0				14.0	5.6
NNW	1.7	1.7	.6	.1	.0							4.2	4.8
VARBL													
CALM												28.1	
	22.0	25.9	18.2	4.8	.7	.3		.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3060

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OFC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.0								.3	6.0
NNE	.1	.1	.1									.2	5.0
NE	.2	.3	.2	.0								.7	5.4
ENE	.2	.5	.3	.2								1.1	6.3
E	1.0	2.5	2.3	.4	.1							6.3	6.5
ESE	2.2	5.4	3.1	.9	.1	.1						12.1	6.1
SE	4.3	11.1	3.6	1.2	.2	.0						22.8	5.7
SSE	4.3	6.1	1.7	.2								12.3	4.6
S	4.0	4.1	1.6	.1								9.8	4.4
SSW	1.2	1.4	.7	.3	.1	.1						4.1	5.8
SW	1.1	1.0	.9	.3	.1	.0						3.3	6.3
WSW	.8	.6	.3	.0								1.7	4.5
W	.9	.9	.5	.0	.0	.0	.0					2.5	5.6
WNW	.4	.3	.6	.1	.0							1.4	6.5
NW	.3	.5	.6	.2								1.6	6.7
NNW	.1	.1	.1	.1								.4	8.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.2	
	22.4	34.9	18.5	4.2	.6	.3	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3058

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-46,48-76 (YEARS) ALL (MONTH)

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

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

AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.0	.1								2.8	6.2
NNE	.4	.3										.6	3.0
NE	.5	.3	.5	.8		.1						2.2	9.5
ENE	.3	.4	.8	.5		.4	.1					2.4	12.5
E	1.2	1.2	.6	1.3	.4	.4						5.0	9.9
ESE	.9	.9	.1	.6	.1	.3	.1					3.1	9.6
SE	.8	1.9	.6	.4		.5	.1					4.4	8.8
SSE	.6	1.4	.1			.4						2.6	7.1
S	.8	.6	.8	.5	.2		.3	.1				3.3	10.9
SSW	.5	.6	.9	.5	.1		.1					2.8	9.5
SW	.8	1.5	.5	.1		.4	.6					4.0	10.7
WSW	.5	.9	.8	.4		.5	.4					3.5	12.0
W	1.3	4.0	3.3	1.3	.0	.3	.4					11.1	8.8
WNW	1.2	2.8	3.5	2.7	1.4	.4	.1					12.0	10.1
NW	2.4	3.5	5.6	3.3	1.0	1.2	.1	.1				17.3	9.9
NNW	.9	2.0	1.4	1.5								5.9	7.7
VARBL													
CALM												17.0	
	13.4	23.4	24.6	14.1	4.0	4.7	1.4	.3				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 781

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 pre[illegible]tation, 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 ≥ 400										97.4						98.1
≥ 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.

574-29984

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-46,48-76 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	82.3	82.3	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
≥ 18000	82.7	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
≥ 16000	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	83.8	83.8	83.8
≥ 14000	86.6	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
≥ 12000	89.8	89.8	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
≥ 10000	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
≥ 9000	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	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	93.6
≥ 7000	95.0	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
≥ 6000	96.7	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	97.0	97.0
≥ 5000	97.9	98.0	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
≥ 4500	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	98.6	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	98.9	98.9
≥ 3500	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	99.1	99.1
≥ 3000	99.0	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	99.4	99.4
≥ 2500	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 2000	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	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	99.8
≥ 1000	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	99.3	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	99.9
≥ 800	99.3	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	99.9
≥ 700	99.3	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	99.3	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
≥ 500	99.3	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
≥ 400	99.3	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	100.0	100.0
≥ 300	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	99.6	99.7	99.8	99.8	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 278768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZ A(TUCSON) (STATION NAME) 42-46,48-71,73-76 (YEARS) JAN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	71.?	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 18000	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
≥ 16000	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	81.4
≥ 14000	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	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
≥ 10000	87.7	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
≥ 9000	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	88.4	88.4
≥ 8000	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	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
≥ 5000	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	92.5	92.6
≥ 5000	94.3	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
≥ 4500	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	96.9	97.1	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
≥ 3000	97.5	97.8	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
≥ 2500	97.9	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	98.2	98.6	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	99.0
≥ 1800	98.2	98.6	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
≥ 1500	98.3	98.8	99.0	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
≥ 1200	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.5	99.0	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
≥ 900	98.5	99.0	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
≥ 800	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.6	99.1	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	99.7
≥ 600	98.6	99.1	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
≥ 500	98.6	99.2	99.4	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
≥ 400	98.6	99.2	99.5	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
≥ 300	98.6	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 24161

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	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	81.5	81.5
≥ 16000	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
≥ 14000	84.6	84.7	84.7	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
≥ 12000	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 10000	89.0	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	89.3	89.3
≥ 9000	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 7000	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 4500	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 3500	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 2000	98.5	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1500	98.7	99.1	99.2	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
≥ 1200	98.8	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000	98.8	99.3	99.4	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
≥ 900	98.8	99.3	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	99.8
≥ 800	98.8	99.3	99.4	99.5	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	98.8	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.8	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	98.8	99.3	99.5	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
≥ 300	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20997

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SVC ICE/MAC

3

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-71,73-75 YEARS | MAR MONTH | ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	80.1	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	80.3	80.3
≥ 18000	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	82.0	82.1	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	84.5	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
≥ 12000	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	88.8	89.0	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
≥ 8000	89.7	89.8	89.9	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
≥ 7000	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 4000	97.6	97.8	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
≥ 3500	97.9	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	98.3
≥ 3000	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	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	99.1	99.2
≥ 2000	98.8	99.1	99.2	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
≥ 1800	98.8	99.2	99.3	99.3	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	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.0	99.3	99.5	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
≥ 1000	99.0	99.4	99.6	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
≥ 900	99.0	99.4	99.6	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
≥ 800	99.0	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	99.9
≥ 700	99.0	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	99.9
≥ 600	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.5	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	99.0	99.5	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	99.0	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.0	99.5	99.7	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
≥ 100	99.0	99.5	99.7	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
≥ 0	99.0	99.5	99.7	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

TOTAL NUMBER OF OBSERVATIONS 22979

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	81.5
≥ 20000	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
≥ 18000	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	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
≥ 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	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	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	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
≥ 8000	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 7000	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 6000	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
≥ 5000	98.7	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
≥ 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	99.3	99.3	99.3	99.3
≥ 4000	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	99.5	99.5	99.5
≥ 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	99.7	99.7	99.7	99.7
≥ 3000	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
≥ 2500	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
≥ 2000	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	99.9	99.9	99.9
≥ 1800	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	99.9
≥ 1500	99.7	99.8	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	100.0
≥ 1200	99.7	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	99.7	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 22199

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.0	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	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 18000	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 16000	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
≥ 14000	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
≥ 12000	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	97.0
≥ 10000	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	97.6
≥ 9000	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	98.0	98.0	98.0
≥ 8000	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	98.7
≥ 7000	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	99.4	99.4
≥ 6000	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
≥ 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	100.0	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	100.0	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 22980

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.3	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
≥ 20000	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
≥ 18000	90.6	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
≥ 16000	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	91.2	91.2
≥ 14000	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 12000	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
≥ 10000	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 9000	97.1	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	97.3
≥ 8000	98.4	98.5	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
≥ 7000	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
≥ 6000	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 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 22245

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	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	67.2	67.2	67.2
≥ 14000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	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	83.3
≥ 10000	86.9	86.9	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	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	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	96.9	97.1	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
≥ 6000	98.6	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	99.1	99.1
≥ 5000	99.1	99.3	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
≥ 4500	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 4000	99.3	99.5	99.6	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
≥ 3500	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	99.8
≥ 3000	99.3	99.6	99.7	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
≥ 2500	99.3	99.6	99.7	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	99.3	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
≥ 1800	99.3	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
≥ 1500	99.3	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
≥ 1200	99.3	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
≥ 1000	99.3	99.6	99.8	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
≥ 900	99.3	99.6	99.8	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
≥ 800	99.3	99.6	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
≥ 700	99.3	99.6	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
≥ 600	99.3	99.6	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
≥ 500	99.4	99.6	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	99.4	99.6	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	99.4	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	100.0
≥ 200	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	100.0
≥ 100	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	100.0
0	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	100.0

TOTAL NUMBER OF OBSERVATIONS 23532

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	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
≥ 18000	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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	93.6
≥ 7000	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 6000	98.5	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	98.7
≥ 5000	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.3	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
≥ 4000	99.5	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	99.8
≥ 3500	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	99.9	99.9
≥ 3000	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	99.9	100.0
≥ 2500	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.	100.0	100.0	100.0
≥ 2000	99.6	99.8	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	99.6	99.8	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	99.6	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
≥ 1200	99.6	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
≥ 1000	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	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
≥ 800	99.6	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
≥ 700	99.6	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
≥ 600	99.6	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
≥ 500	99.6	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
≥ 400	99.6	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
≥ 300	99.6	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
≥ 200	99.6	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
≥ 100	99.6	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
≥ 0	99.6	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

TOTAL NUMBER OF OBSERVATIONS 24475

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	79.9
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 12000	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	91.7
≥ 10000	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
≥ 9000	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
≥ 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	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	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	99.6
≥ 4500	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	99.7	99.7
≥ 4000	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
≥ 3500	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	99.9	99.9	99.9
≥ 3000	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	99.9	99.9	99.9
≥ 2500	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	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	99.9	99.9	99.9
≥ 1800	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	99.9	99.9	99.9
≥ 1500	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	99.9
≥ 1200	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	99.9
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 23583

DATA PROCESSING BRANCH
USAF ETAC
...TR WEATHER SERVI...C/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.1	83.1	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
≥ 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	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	87.9	87.9	87.9
≥ 9000	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	88.5	88.5	88.5
≥ 14000	89.9	89.9	89.9	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
≥ 12000	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	92.3	92.3
≥ 10000	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 9000	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
≥ 8000	95.0	95.0	95.0	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
≥ 7000	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	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	97.7
≥ 5000	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	99.1
≥ 4500	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	99.2
≥ 4000	99.3	99.4	99.5	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
≥ 3500	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.5	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
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 1500	99.5	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
≥ 1200	99.5	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
≥ 1000	99.5	99.8	99.8	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	99.8	99.8	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	99.8	99.8	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	99.8	99.8	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	99.8	99.8	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	99.8	99.8	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	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 24379

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB (STATION N) ARIZONA(TUCSON) 41-45,48-75 (YEARS) NOV (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	86.6	86.7	86.7	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
≥ 18000	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 16000	88.0	88.1	88.1	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
≥ 14000	89.5	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
≥ 12000	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 9000	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 8000	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 7000	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	96.5	96.6	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
≥ 5000	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.3	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	98.7
≥ 4000	98.7	98.9	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
≥ 3500	98.8	99.0	99.0	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
≥ 3000	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	99.1	99.3	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
≥ 2000	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	99.7	99.7
≥ 1800	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	99.7	99.7
≥ 1500	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	99.2	99.5	99.6	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	99.2	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	99.8
≥ 900	99.2	99.5	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
≥ 800	99.3	99.5	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
≥ 700	99.3	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
≥ 600	99.3	99.5	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
≥ 500	99.3	99.5	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
≥ 400	99.3	99.5	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	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.3	99.5	99.7	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
≥ 100	99.3	99.5	99.7	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
≥ 0	99.3	99.5	99.7	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

TOTAL NUMBER OF OBSERVATIONS 23547

USAF ETAC FORM JUL 64 0-1-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	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
≥ 16000	81.6	81.7	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
≥ 14000	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	86.4	86.5	86.6	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
≥ 10000	88.0	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
≥ 9000	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	88.8	88.8
≥ 8000	89.5	89.6	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
≥ 7000	90.6	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	90.9
≥ 6000	92.8	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
≥ 5000	95.0	95.2	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	95.5
≥ 4500	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.5	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	97.1	97.1
≥ 3500	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 3000	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	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
≥ 2000	98.2	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1800	98.2	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.3	98.8	99.1	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
≥ 1200	98.3	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.3	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900	98.3	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.4	99.0	99.3	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
≥ 700	98.4	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	98.4	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.4	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	98.4	99.0	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.4	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	98.4	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.4	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	98.4	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23711

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-71,73-76 (YEARS) JAN (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	≥⅜	≥⅛	≥5/16	≥¼	≥0
NO CEILING	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
≥ 20000	81.6	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
≥ 18000	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	82.0	82.0
≥ 16000	82.5	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
≥ 14000	84.7	84.7	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
≥ 12000	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	86.3	86.3
≥ 10000	87.7	87.7	87.7	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
≥ 9000	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	88.1
≥ 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	89.0	89.0
≥ 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	92.4	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	92.6	92.6
≥ 5000	94.0	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
≥ 4500	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	96.1	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 3500	96.6	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	97.3	97.3
≥ 3000	97.1	97.7	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 2500	97.3	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	97.7	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 1800	97.8	98.5	98.8	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
≥ 1500	97.9	98.7	99.0	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
≥ 1200	98.2	99.0	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
≥ 1000	98.2	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.3	99.1	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
≥ 800	98.3	99.1	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	99.7
≥ 700	98.3	99.1	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	99.7
≥ 600	98.3	99.1	99.4	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
≥ 500	98.3	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	98.4	99.2	99.5	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
≥ 300	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.4	99.2	99.6	99.6	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	98.4	99.2	99.6	99.6	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	98.4	99.2	99.6	99.6	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 3018

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-71,73-76 (YEARS) JAN (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	76.1	76.1	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
≥ 20000	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	80.7	80.7
≥ 18000	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	81.1	81.1	81.1
≥ 16000	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	82.3	82.3
≥ 14000	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
≥ 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	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
≥ 9000	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	88.9	88.9
≥ 8000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	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
≥ 6000	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 4000	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	96.3
≥ 3500	96.6	96.8	96.9	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
≥ 3000	97.4	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	97.9
≥ 2500	97.7	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	98.4
≥ 2000	97.8	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	98.6
≥ 1800	97.8	98.3	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	98.7
≥ 1500	97.9	98.5	98.6	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
≥ 1200	98.0	98.6	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	99.0
≥ 1000	98.2	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.2	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.2	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	98.3	99.1	99.3	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
≥ 500	98.4	99.2	99.4	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
≥ 400	98.4	99.3	99.5	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
≥ 300	98.4	99.3	99.6	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
≥ 200	98.4	99.3	99.6	99.6	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	98.5	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.5	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) | DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) | 42-46,48-71,73-76 (YEARS) | JAN (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	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.3	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 18000	80.0	80.0	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
≥ 16000	81.2	81.2	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
≥ 14000	83.7	83.7	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
≥ 12000	86.3	86.3	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	86.6
≥ 10000	87.3	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
≥ 9000	87.8	87.9	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
≥ 8000	88.8	88.9	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
≥ 7000	89.8	89.9	90.0	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
≥ 6000	92.1	92.2	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	92.5
≥ 5000	93.8	93.9	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	94.2
≥ 4500	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	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	96.2	96.2	96.2
≥ 3500	96.2	96.4	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
≥ 3000	96.9	97.2	97.3	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
≥ 2500	97.4	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	97.8	98.2	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
≥ 1800	97.8	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	98.7
≥ 1500	97.9	98.4	98.7	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
≥ 1200	98.0	98.5	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	99.1
≥ 1000	98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 900	98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 800	98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 700	98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 600	98.2	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.2	98.8	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.3	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	98.3	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	98.3	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	98.3	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	98.3	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3023

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-71,73-76 YEARS | JAN 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	78.6	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	80.7	80.8	81.0	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
≥ 14000	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 12000	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	87.8	87.9	88.1	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
≥ 8000	88.6	88.8	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	89.1
≥ 7000	89.7	89.9	90.0	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
≥ 6000	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	94.3	94.6	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
≥ 4000	95.6	95.9	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
≥ 3500	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	97.2	97.6	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	98.1
≥ 2000	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.6	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.8	98.3	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
≥ 1200	97.8	98.4	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	99.0
≥ 1000	97.9	98.5	98.8	98.9	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.9	98.5	98.8	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	98.0	98.6	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 700	98.0	98.6	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	98.0	98.6	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	98.1	98.7	99.0	99.0	99.1	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	98.1	98.7	99.0	99.1	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	98.1	98.7	99.1	99.2	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	98.1	98.7	99.1	99.2	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.1	98.7	99.1	99.2	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.1	98.7	99.1	99.2	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3019

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-71,73-76 (YEARS) JAN (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	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	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	78.6	78.6	78.6
≥ 18000	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	79.3
≥ 16000	80.7	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	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	83.8	83.8	83.8
≥ 12000	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	85.9	85.9	85.9
≥ 10000	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	87.2	87.2
≥ 9000	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	87.9	87.9	87.9
≥ 8000	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	88.8
≥ 7000	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	89.7	89.7
≥ 6000	91.7	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	91.8	91.8
≥ 5000	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	94.1
≥ 4500	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	98.1	98.3	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
≥ 2000	98.4	98.6	98.7	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
≥ 1800	98.4	98.7	98.8	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
≥ 1500	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.8	99.0	99.2	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
≥ 900	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.8	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.9	99.2	99.4	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
≥ 500	98.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.2	99.4	99.5	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	98.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3022

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION • DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME 42-46,48-71,73-76 YEARS JAN 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	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 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	78.2	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
≥ 16000	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	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
≥ 12000	85.4	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
≥ 10000	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	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	89.2	89.2	89.2
≥ 7000	89.9	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
≥ 6000	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	92.4	92.4
≥ 5000	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	95.2	95.2	95.2
≥ 4500	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	96.6	96.6	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	97.2	97.2	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	98.1	98.2	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
≥ 2500	98.4	98.5	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	98.9
≥ 2000	98.7	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
≥ 1800	98.7	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
≥ 1500	98.8	99.0	99.3	99.3	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	98.8	99.1	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
≥ 1000	98.9	99.2	99.5	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	98.9	99.2	99.5	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
≥ 800	98.9	99.2	99.5	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
≥ 700	99.0	99.2	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
≥ 600	99.0	99.2	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
≥ 500	99.0	99.3	99.7	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	99.0	99.3	99.7	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	99.0	99.3	99.7	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	99.0	99.3	99.7	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	99.0	99.3	99.7	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	99.0	99.3	99.7	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 3021

USAF ETAC FORM JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-71,73-76 YEARS | JAN 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	≥⅝	≥½	≥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	70.0
≥ 20000	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	79.3	79.3
≥ 18000	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	79.9
≥ 16000	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	80.9
≥ 14000	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	84.1
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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	90.1	90.1	90.1
≥ 7000	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	90.8	90.8
≥ 6000	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	94.9	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	95.1
≥ 4500	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	96.2	96.2	96.2
≥ 4000	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	97.4	97.4
≥ 3500	97.6	97.9	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	98.0
≥ 3000	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	98.4	98.3	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
≥ 2000	98.6	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.6	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 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	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.9	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
≥ 900	98.9	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
≥ 800	98.9	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
≥ 700	98.9	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.9	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.9	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.9	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.9	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.9	99.5	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	98.9	99.5	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
≥ 0	98.9	99.5	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

TOTAL NUMBER OF OBSERVATIONS 3020

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-71,73-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS IN S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.6	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	74.6
≥ 20000	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
≥ 18000	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	81.5
≥ 16000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 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	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	86.3	86.3
≥ 10000	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
≥ 9000	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
≥ 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	91.1	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
≥ 6000	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
≥ 5000	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
≥ 4500	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	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	97.6	97.6
≥ 3500	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	98.2	98.4	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
≥ 2500	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	99.7	99.0	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
≥ 1800	98.8	99.1	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	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	99.1	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
≥ 600	99.1	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
≥ 500	99.1	99.5	99.7	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
≥ 400	99.1	99.5	99.7	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
≥ 300	99.1	99.5	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
≥ 200	99.1	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	100.0	100.0
≥ 100	99.1	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	100.0	100.0
0	99.1	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3015

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.1	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	78.3	78.3
≥ 20000	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 18000	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 16000	84.6	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	84.8	84.8
≥ 14000	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 12000	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 10000	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	92.0	92.0	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	92.2
≥ 8000	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	92.6	92.6
≥ 7000	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	93.7	93.7
≥ 6000	95.5	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	95.7	95.7
≥ 5000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 4500	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 4000	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	98.3
≥ 3500	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	98.4	98.4
≥ 3000	98.5	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	98.7	98.7
≥ 2500	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	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	99.4
≥ 1800	99.0	99.2	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	99.4
≥ 1500	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	99.5
≥ 1200	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	99.5	99.5
≥ 1000	99.1	99.3	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	99.6
≥ 900	99.1	99.3	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	99.6
≥ 800	99.1	99.3	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	99.6
≥ 700	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2622

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-76 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
≥ 20000	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	83.3	83.3	83.3
≥ 18000	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	83.6	83.6	83.7
≥ 16000	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	83.9	83.9	83.9
≥ 14000	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	86.1	86.1	86.1
≥ 12000	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	88.6	88.6	88.7
≥ 10000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 9000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 8000	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 7000	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 6000	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3
≥ 5000	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0
≥ 4500	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.5
≥ 4000	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.9
≥ 3500	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.1
≥ 3000	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.5
≥ 2500	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 2000	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2
≥ 1800	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3
≥ 1500	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 1200	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
≥ 1000	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 900	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 800	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 700	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 600	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 500	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8
≥ 400	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 300	98.9	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 200	98.9	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	98.9	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
0	98.9	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2627

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,46-71,73-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800 (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	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 20000	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	81.3	81.4	81.4	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
≥ 16000	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 14000	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 9000	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 7000	91.9	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 6000	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 5000	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 4500	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 4000	96.6	96.8	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4
≥ 3500	97.2	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0
≥ 3000	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 2500	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2000	98.1	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2
> 1800	98.1	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 1500	98.3	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1200	98.3	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	98.4	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 900	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	98.4	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	98.4	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	98.4	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	98.4	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	98.5	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	98.5	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	98.5	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2629

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 — DAVIS MONTHAN AFB ARIZONA (TUCSON) — 62-65,68-71,73-76 — YEARS — FEB — 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	≥0
NO CEILING	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	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
≥ 18000	82.0	82.1	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	83.5	83.6	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
≥ 14000	85.3	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
≥ 12000	87.8	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	88.0	88.0
≥ 10000	89.6	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
≥ 9000	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	90.6	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	90.8	90.8
≥ 7000	91.5	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
≥ 6000	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	96.7	96.8	96.1	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
≥ 4500	96.4	96.6	96.9	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
≥ 4000	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.9	97.7	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
≥ 3000	98.1	98.4	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
≥ 2500	98.3	98.6	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
≥ 2000	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.5	99.0	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
≥ 1200	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.6	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.7	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.7	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2625

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-76 (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	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	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	79.7	79.7
≥ 18000	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	80.3	80.3
≥ 16000	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	81.9
≥ 14000	83.7	83.7	83.7	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
≥ 12000	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	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
≥ 9000	87.7	87.8	87.8	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
≥ 8000	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	89.9	90.0	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
≥ 6000	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	95.8	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	96.2
≥ 4000	97.1	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
≥ 3500	97.6	97.9	97.9	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
≥ 1000	98.2	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
≥ 2500	98.7	99.1	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	99.3
≥ 2000	98.7	99.2	99.3	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.
≥ 1800	98.7	99.2	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	99.5
≥ 1500	98.7	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	99.7
≥ 1200	98.9	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	99.7	99.7
≥ 1000	99.0	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
≥ 900	99.0	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
≥ 800	99.0	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	99.9	99.9
≥ 700	99.0	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	99.9	99.9
≥ 600	99.0	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	99.9	99.9
≥ 500	99.0	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	99.9	99.9
≥ 400	99.0	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	99.9	99.9
≥ 300	99.0	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	100.0	100.0
≥ 200	99.0	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	100.0	100.0
≥ 100	99.0	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	100.0	100.0
≥ 0	99.0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2625

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-76 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.6	63.6	63.7	63.7	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	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	82.1	82.1	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
≥ 12000	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	85.1	85.1	85.1
≥ 10000	85.8	85.9	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	86.0
≥ 9000	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
≥ 8000	87.4	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	87.6
≥ 7000	89.7	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
≥ 6000	92.6	92.7	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
≥ 5000	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	95.8	96.0	96.1	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
≥ 4000	97.1	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.4	97.6	97.6	97.9	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	97.7	98.1	98.2	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	97.9	98.3	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.1	98.6	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.2	98.8	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.3	98.8	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.4	99.0	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.4	99.0	99.1	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.4	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.4	99.0	99.2	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2624

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB A TUCSON (STATION NAME) 42-45,48-71,73-76 (YEARS) FEB (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	78.8	78.8	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
≥ 18000	79.6	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
≥ 16000	80.9	80.9	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
≥ 14000	83.9	83.9	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
≥ 12000	86.3	86.3	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
≥ 10000	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	88.2
≥ 9000	88.4	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	88.5
≥ 8000	89.3	89.3	89.3	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
≥ 7000	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	91.0	91.0
≥ 6000	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	96.3	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	96.7
≥ 4500	96.6	97.0	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
≥ 4000	97.5	97.8	97.9	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
≥ 3500	97.9	98.2	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
≥ 3000	98.1	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.5	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.6	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.6	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.9	99.4	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
≥ 1000	98.9	99.4	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
≥ 900	98.9	99.4	99.5	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
≥ 800	98.9	99.4	99.5	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
≥ 700	98.9	99.4	99.5	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
≥ 600	98.9	99.4	99.5	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	98.9	99.4	99.5	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
≥ 400	98.9	99.4	99.5	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
≥ 300	98.9	99.4	99.5	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
≥ 200	98.9	99.4	99.5	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
≥ 100	98.9	99.4	99.5	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
≥ 0	98.9	99.4	99.5	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

TOTAL NUMBER OF OBSERVATIONS 262

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-78 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.7	74.7	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
≥ 20000	81.5	81.5	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
≥ 18000	82.0	82.0	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	82.1
≥ 16000	83.2	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
≥ 14000	85.1	85.1	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
≥ 12000	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	88.4	88.4
≥ 10000	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	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	91.0
≥ 8000	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	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	92.9
≥ 6000	95.0	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	95.2	95.2
≥ 5000	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	97.4	97.4	97.4
≥ 4500	97.5	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
≥ 4000	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	98.4	98.4
≥ 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	98.5	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
≥ 2500	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	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	99.4	99.4
≥ 1500	99.1	99.4	99.5	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
≥ 1200	99.2	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
≥ 1000	99.2	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
≥ 900	99.2	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
≥ 800	99.2	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
≥ 700	99.2	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
≥ 600	99.2	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
≥ 500	99.2	99.6	99.7	99.7	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	99.2	99.6	99.7	99.7	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	99.2	99.6	99.7	99.7	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	99.2	99.6	99.7	99.7	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	99.2	99.6	99.7	99.7	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	99.2	99.6	99.7	99.7	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 2622

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) D. MIS MONTHAN AFB ARIZONA(TUCSON) -2-45,45-71.. 75 (YEARS) (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	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	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
≥ 18000	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	84.0
≥ 16000	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	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	87.5
≥ 12000	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	89.7
≥ 10000	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
≥ 9000	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	91.8	91.8	91.8
≥ 8000	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
≥ 7000	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	93.6
≥ 6000	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
≥ 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	97.5	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
≥ 4000	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	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	98.6
≥ 2500	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	98.9	98.9	98.9
≥ 2000	98.8	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	98.8	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	99.0	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	99.5	99.5
≥ 1200	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.3	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
≥ 300	99.3	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
≥ 200	99.3	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
≥ 100	99.3	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	100.0
≥ 0	99.3	99.7	99.8	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 2876

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-71,73-74 YEARS | JAN 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	≥⅛	≥0
NO CEILING	76.9	76.9	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	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	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	83.1
≥ 16000	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
≥ 14000	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 12000	88.6	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
≥ 10000	90.6	90.6	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
≥ 9000	91.0	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
≥ 8000	91.7	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	91.8	91.8
≥ 7000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 6000	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	95.3	95.3	95.3
≥ 5000	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 4500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 4000	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	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	98.3	98.3	98.3
≥ 3000	98.6	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	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 2000	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
≥ 1800	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1500	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	99.3	99.5	99.7	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
≥ 900	99.3	99.5	99.7	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
≥ 800	99.3	99.5	99.7	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
≥ 700	99.3	99.5	99.7	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
≥ 600	99.3	99.5	99.7	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
≥ 500	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	99.4	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	100.0
≥ 300	99.4	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	100.0
≥ 200	99.4	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	100.0
≥ 100	99.4	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	100.0
≥ 0	99.4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 2873

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 62-65,68-71,73-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.1	72.1	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
≥ 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	80.8	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
≥ 16000	81.7	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
≥ 14000	84.7	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
≥ 12000	87.2	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
≥ 10000	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	89.0
≥ 9000	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	89.5
≥ 8000	90.3	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
≥ 7000	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	91.8	91.8	91.8
≥ 6000	93.9	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
≥ 5000	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.8	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	98.0	98.0
≥ 3000	98.1	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	98.9
≥ 2500	98.9	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
≥ 2000	99.1	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	99.4
≥ 1800	99.1	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	99.4
≥ 1500	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1200	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	99.6	99.6	99.6
≥ 1000	99.3	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	99.8
≥ 900	99.3	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	99.8
≥ 800	99.3	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	99.8
≥ 700	99.3	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	99.8
≥ 600	99.3	99.5	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	99.9
≥ 500	99.3	99.5	99.7	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
≥ 400	99.3	99.5	99.7	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
≥ 300	99.3	99.5	99.7	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
≥ 200	99.3	99.5	99.7	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
≥ 100	99.3	99.5	99.7	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	99.3	99.5	99.7	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 2875

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	81.1	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	81.8	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	81.9
≥ 16000	82.8	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
≥ 14000	85.0	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
≥ 12000	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 10000	89.2	89.4	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
≥ 9000	89.8	90.0	90.1	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
≥ 8000	90.3	90.5	90.6	90.6	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	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 5000	95.0	95.2	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	95.5
≥ 4500	96.1	96.3	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	96.7
≥ 4000	96.7	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 3500	97.1	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	97.7	97.8
≥ 3000	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 2500	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 2000	98.6	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	99.6
≥ 1800	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 1500	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1200	98.7	99.3	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	99.8
≥ 1000	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 900	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 800	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 700	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	98.7	99.4	99.6	99.6	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	98.7	99.4	99.6	99.6	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	98.7	99.4	99.6	99.6	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	98.7	99.4	99.6	99.6	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	98.7	99.4	99.6	99.6	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	98.7	99.4	99.6	99.6	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	98.7	99.4	99.6	99.6	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 2874

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,46-71,73-75 (YEARS) MAR (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	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	77.6	77.7	77.7	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
≥ 18000	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 16000	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 10000	84.9	85.1	85.1	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
≥ 9000	85.4	85.6	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	85.8
≥ 8000	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	92.0	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 5000	95.3	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 4500	96.4	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 4000	97.0	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 3500	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 3000	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 2500	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 2000	98.4	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1800	98.4	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1500	98.5	99.0	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1200	98.5	99.0	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 1000	98.5	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	98.5	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 500	98.6	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.6	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.6	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.6	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.6	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.6	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2872

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (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	62.5	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	75.9	76.1	76.2	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
≥ 18000	76.8	77.0	77.1	77.1	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	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	80.6	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	83.0	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
≥ 10000	84.5	84.7	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
≥ 9000	84.9	85.2	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
≥ 8000	86.1	86.4	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
≥ 7000	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 5000	96.2	96.5	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
≥ 4500	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.6	97.9	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	98.2
≥ 3500	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 3000	98.1	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 2500	98.4	98.8	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	99.2
≥ 2000	98.5	99.0	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	99.4
≥ 1800	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1500	98.7	99.2	99.3	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
≥ 1200	98.8	99.3	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	99.8
≥ 1000	98.9	99.3	99.5	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
≥ 900	98.9	99.3	99.5	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
≥ 800	98.9	99.3	99.5	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
≥ 700	98.9	99.3	99.5	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
≥ 600	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	98.9	99.3	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	98.9	99.3	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	98.9	99.3	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	98.9	99.3	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	98.9	99.3	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	98.9	99.3	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 2871

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	78.0	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	79.3	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
≥ 16000	80.7	81.0	81.0	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
≥ 14000	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.2	86.4	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
≥ 10000	87.9	88.1	88.2	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	89.2	89.5	89.5	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
≥ 7000	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	93.7	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 5000	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	96.9	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 4000	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	97.8	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 3000	98.2	98.7	98.9	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
≥ 2500	98.3	98.9	99.1	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
≥ 2000	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1800	98.6	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.6	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
≥ 1200	98.7	99.3	99.5	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
≥ 1000	98.7	99.4	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
≥ 900	98.7	99.4	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
≥ 800	98.7	99.4	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
≥ 700	98.7	99.4	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
≥ 600	98.7	99.4	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
≥ 500	98.7	99.4	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
≥ 400	98.7	99.4	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
≥ 300	98.7	99.4	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
≥ 200	98.7	99.4	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
≥ 100	98.7	99.4	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
0	98.7	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2868

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 20000	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	82.5	82.5	82.5
≥ 18000	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
≥ 16000	84.4	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
≥ 14000	86.8	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	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
≥ 10000	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
≥ 9000	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	90.4	90.4
≥ 8000	91.5	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
≥ 7000	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
≥ 6000	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
≥ 5000	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.6	97.7	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
≥ 4000	98.0	98.2	98.2	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
≥ 3500	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	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	99.2
≥ 2500	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	99.3	99.3	99.3
≥ 2000	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	99.5
≥ 1800	9.2	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	99.5
≥ 1500	99.4	99.6	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
≥ 1200	99.4	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
≥ 1000	99.4	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
≥ 900	99.4	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
≥ 800	99.4	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
≥ 700	99.4	99.7	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
≥ 600	99.4	99.7	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
≥ 500	99.4	99.7	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
≥ 400	99.4	99.7	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
≥ 300	99.4	99.7	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
≥ 200	99.4	99.7	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	99.4	99.7	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
≥ 0	99.4	99.7	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

TOTAL NUMBER OF OBSERVATIONS 2870

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (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	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	91.2	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
≥ 18000	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
≥ 16000	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
≥ 14000	93.2	93.2	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
≥ 12000	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	94.7	94.7	94.7
≥ 10000	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 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	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	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	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
≥ 5000	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	99.3
> 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	99.6	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
≥ 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	99.9	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	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	99.9	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 2775

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 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	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	96.1	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	96.6	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
≥ 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	98.3	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
≥ 5000	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
≥ 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	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.4	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
≥ 3000	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	99.7	99.7
≥ 2500	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	99.7	99.7
≥ 2000	99.5	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	99.8
≥ 1800	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	99.8
≥ 1500	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	99.9	99.9	99.9
≥ 1200	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	99.9
≥ 1000	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	99.9
≥ 900	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	99.9
≥ 800	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	99.9
≥ 700	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	99.9
≥ 600	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	99.9
≥ 500	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	99.9
≥ 400	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	100.0
≥ 300	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	100.0
≥ 200	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	100.0
≥ 100	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	100.0
≥ 0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2773

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.9	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
≥ 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	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 16000	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
≥ 14000	92.3	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
≥ 12000	94.1	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	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 8000	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
≥ 7000	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	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	97.8
≥ 5000	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	98.6
≥ 4500	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	99.1
≥ 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	99.4	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	99.5	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
≥ 2500	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
≥ 2000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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 2779

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.1	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
≥ 20000	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 18000	90.1	90.2	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
≥ 16000	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 14000	92.3	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
≥ 12000	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
≥ 10000	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 9000	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	94.9	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
≥ 7000	95.6	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
≥ 6000	96.9	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
≥ 5000	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	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	98.5
≥ 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	99.1	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
≥ 3000	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.5	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
≥ 2000	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	99.9
≥ 1800	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	99.9
≥ 1500	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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	99.6	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 2778

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	76.1	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
≥ 20000	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	85.8	85.8
≥ 18000	86.3	86.4	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
≥ 16000	86.9	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
≥ 14000	88.9	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
≥ 12000	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 10000	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 9000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
≥ 8000	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 7000	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 6000	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 5000	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 4500	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 4000	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 3500	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 3000	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 2500	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 2000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1500	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	100.0	100.0	100.0
≥ 1200	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	100.0	100.0	100.0
≥ 1000	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	100.0	100.0	100.0
≥ 900	99.6	99.7	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
≥ 800	99.6	99.7	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
≥ 700	99.6	99.7	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
≥ 600	99.6	99.7	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
≥ 500	99.6	99.7	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	99.6	99.7	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
≥ 300	99.6	99.7	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
≥ 200	99.6	99.7	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
≥ 100	99.6	99.7	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
0	99.6	99.7	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

TOTAL NUMBER OF OBSERVATIONS 2775

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (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	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	86.4	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	86.6	86.6
≥ 12000	88.1	88.2	88.3	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
≥ 10000	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	90.2	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	90.4
≥ 8000	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	94.0	94.2	94.3	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
≥ 6000	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.3	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
≥ 3000	99.3	99.6	99.7	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	99.3	99.6	99.7	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	99.5	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
≥ 1800	99.5	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
≥ 1500	99.5	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
≥ 1200	99.5	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
≥ 1000	99.5	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
≥ 900	99.5	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
≥ 800	99.5	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
≥ 700	99.5	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
≥ 600	99.5	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
≥ 500	99.5	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
≥ 400	99.5	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
≥ 300	99.5	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
≥ 200	99.5	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
≥ 100	99.5	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
0	99.5	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

TOTAL NUMBER OF OBSERVATIONS 2774

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	78.1	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
≥ 20000	86.3	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
≥ 18000	86.8	86.8	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
≥ 16000	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.5	87.5	87.5	87.5
≥ 14000	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	89.1
≥ 12000	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
≥ 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	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000	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	94.4
≥ 7000	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	96.2
≥ 6000	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	98.2
≥ 5000	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	99.3
≥ 4500	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	99.5	99.6
≥ 4000	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	99.7
≥ 3500	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.6	99.7	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	99.6	99.7	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	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	99.7	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
≥ 1500	99.7	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
≥ 1200	99.7	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
≥ 1000	99.7	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
≥ 900	99.7	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
≥ 800	99.7	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
≥ 700	99.7	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
≥ 600	99.7	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
≥ 500	99.7	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
≥ 400	99.7	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
≥ 300	99.7	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
≥ 200	99.7	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	99.7	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
0	99.7	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

TOTAL NUMBER OF OBSERVATIONS 2770

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	85.4	85.4
≥ 20000	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
≥ 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	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	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
≥ 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	95.0	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	95.8	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
≥ 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	97.4	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	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
≥ 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	99.6	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	99.6	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
≥ 3500	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
≥ 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	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2775

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) MAY (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	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	92.4	92.4
≥ 20000	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
≥ 18000	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 16000	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	96.7	96.7
≥ 14000	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
≥ 12000	98.5	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
≥ 10000	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	99.0	99.0
≥ 9000	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	99.2
≥ 8000	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	99.7	99.7	99.7
≥ 7000	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
≥ 6000	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
≥ 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 2873

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	90.7	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 20000	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	95.1	95.1
≥ 18000	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
≥ 16000	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
≥ 14000	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	97.5
≥ 12000	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	98.7
≥ 10000	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
≥ 9000	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	99.4	99.4
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 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	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2872

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) MAY (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	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	87.2
≥ 20000	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 18000	93.7	93.8	93.8	93.8	93.8	93.8	93.8	9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 16000	94.6	94.7	94.7	94.7	94.7	94.7	94.7	9	.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 14000	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 12000	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	98.2
≥ 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	98.7	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	98.8
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 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	99.7	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
≥ 3000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2872

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.7	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
≥ 20000	93.6	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	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	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
≥ 14000	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 12000	97.4	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
≥ 10000	98.0	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
≥ 9000	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	98.3	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
≥ 7000	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 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	99.5	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	99.8
≥ 4500	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	99.8
≥ 4000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 350	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 2868

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) MAY (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	81.0	81.0
≥ 20000	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	91.8	91.8	91.8
≥ 18000	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
≥ 16000	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
≥ 14000	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	94.1
≥ 12000	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
≥ 10000	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 9000	97.0	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
≥ 8000	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
≥ 7000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	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
≥ 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	99.9	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 2868

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAY (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	78.2	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
≥ 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	89.3	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	91.5	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
≥ 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	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	93.9	93.9
≥ 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	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	99.0	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
≥ 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	99.9	99.9	99.9	99.9
≥ 5000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2877

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 20000	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 18000	92.3	92.4	92.4	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
≥ 16000	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 14000	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	94.4
≥ 12000	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10000	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	96.7	96.7
≥ 9000	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	97.4
≥ 8000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 7000	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
≥ 6000	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
≥ 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
≥ 1200	99.9	99.9	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 2875

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.3	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	90.4	90.4
≥ 20000	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	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
≥ 16000	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	95.4
≥ 14000	97.0	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
≥ 12000	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	98.0	98.0	98.0
≥ 10000	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
≥ 9000	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	98.9	98.9
≥ 8000	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	99.4	99.4
≥ 7000	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	99.9
≥ 6000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2875

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 18000	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 16000	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 14000	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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	99.4	99.4
≥ 7000	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	99.9
≥ 6000	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
≥ 5000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2783

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 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	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 16000	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
≥ 14000	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
≥ 12000	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	97.0
≥ 10000	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	97.9
≥ 9000	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	98.6
≥ 8000	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	99.4	99.4
≥ 7000	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
≥ 6000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2775

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-71,73-75 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	88.3	88.3
≥ 20000	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	91.8	91.8
≥ 18000	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
≥ 16000	92.2	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	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 12000	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
≥ 10000	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
≥ 9000	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	98.8
≥ 8000	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 7000	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
≥ 6000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2778

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 18000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 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	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
≥ 12000	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
≥ 10000	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
≥ 9000	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	98.6
≥ 8000	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	98.9	98.9
≥ 7000	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	99.4	99.4
≥ 6000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2784

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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	90.9	90.9	90.9
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 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	96.7	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
≥ 8000	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	97.9	97.9	97.9
≥ 7000	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 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	99.9	99.9	99.9	99.9
≥ 5000	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	100.0	100.0	100.0
≥ 4500	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	100.0	100.0	100.0
≥ 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	100.0	100.0	100.0	100.0
≥ 3500	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	100.0	100.0	100.0
≥ 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	100.0	100.0	100.0	100.0
≥ 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	100.0	100.0	100.0	100.0
≥ 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	100.0	100.0	100.0	100.0
≥ 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	100.0	100.0	100.0	100.0
≥ 1500	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	100.0	100.0	100.0
≥ 1200	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	100.0	100.0	100.0
≥ 1000	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	100.0	100.0	100.0
≥ 900	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	100.0	100.0	100.0
≥ 800	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	100.0	100.0	100.0
≥ 700	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	100.0	100.0	100.0
≥ 600	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	100.0	100.0	100.0
≥ 500	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	100.0	100.0	100.0
≥ 400	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	100.0	100.0	100.0
≥ 300	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	100.0	100.0	100.0
≥ 200	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	100.0	100.0	100.0
≥ 100	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	100.0	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 2777

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (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	80.5	80.5	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	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
≥ 18000	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
≥ 16000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	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
≥ 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	93.1	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
≥ 9000	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	97.1	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
≥ 7000	98.7	98.9	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
≥ 6000	99.5	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	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	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	100.0	100.0
≥ 3500	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	100.0	100.0
≥ 3000	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	100.0	100.0
≥ 2500	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	100.0	100.0
≥ 2000	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	100.0	100.0
≥ 1800	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	100.0	100.0
≥ 1500	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	100.0	100.0
≥ 1200	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	100.0	100.0
≥ 1000	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	100.0	100.0
≥ 900	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	100.0	100.0
≥ 800	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	100.0	100.0
≥ 700	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	100.0	100.0
≥ 600	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	100.0	100.0
≥ 500	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	100.0	100.0
≥ 400	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	100.0	100.0
≥ 300	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	100.0	100.0
≥ 200	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	100.0	100.0
≥ 100	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	100.0	100.0
≥ 0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2784

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.7	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	80.9	80.9
≥ 20000	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 18000	86.4	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	86.6	86.6
≥ 16000	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
≥ 14000	88.7	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
≥ 12000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 10000	93.2	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
≥ 9000	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	97.6	97.7	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
≥ 7000	98.9	99.1	99.2	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
≥ 6000	99.3	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	99.6	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	100.0	100.0
≥ 4500	99.6	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	100.0	100.0
≥ 4000	99.6	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	100.0	100.0
≥ 3500	99.6	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	100.0	100.0
≥ 3000	99.6	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	100.0	100.0
≥ 2500	99.6	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	100.0	100.0
≥ 2000	99.6	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	100.0	100.0
≥ 1800	99.6	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	100.0	100.0
≥ 1500	99.6	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	100.0	100.0
≥ 1200	99.6	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	100.0	100.0
≥ 1000	99.6	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	100.0	100.0
≥ 900	99.6	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	100.0	100.0
≥ 800	99.6	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	100.0	100.0
≥ 700	99.6	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	100.0	100.0
≥ 600	99.6	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	100.0	100.0
≥ 500	99.6	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	100.0	100.0
≥ 400	99.6	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	100.0	100.0
≥ 300	99.6	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	100.0	100.0
≥ 200	99.6	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	100.0	100.0
≥ 100	99.6	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	100.0	100.0
0	99.6	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2784

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	87.2	87.2
≥ 20000	90.5	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 18000	90.7	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
≥ 16000	91.0	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	91.2
≥ 14000	92.6	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
≥ 12000	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 10000	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	98.2	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
≥ 7000	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
≥ 6000	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	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	99.9	99.9
≥ 4500	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	99.9	99.9
≥ 4000	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	99.9	99.9
≥ 3500	99.5	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	99.5	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	99.8	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	99.5	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	99.5	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	99.8	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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 2780

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (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	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	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
≥ 12000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 10000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 9000	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 8000	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	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	97.5
≥ 6000	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 5000	99.2	99.6	99.7	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	99.6	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	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.4	99.8	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	100.0
≥ 700	99.4	99.8	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	100.0
≥ 600	99.4	99.8	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	100.0
≥ 500	99.4	99.8	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	100.0
≥ 400	99.4	99.8	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	100.0
≥ 300	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	100.0	100.0
≥ 200	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	100.0	100.0
≥ 100	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	100.0	100.0
≥ 0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2944

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	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
≥ 14000	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
≥ 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	91.3	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	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 8000	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥	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	99.4	99.4
≥ 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	99.9	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	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
≥ 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2941

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 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	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	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	68.9
≥ 18000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	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	79.4
≥ 12000	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	89.7
≥ 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	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	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
≥ 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	99.3	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	99.3	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	99.5	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	99.8
≥ 3500	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	99.8
≥ 3000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 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	99.9
≥ 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	99.9
≥ 1000	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2942

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000	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
≥ 18000	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	77.6	77.6	77.6
≥ 16000	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	79.9
≥ 14000	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
≥ 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	95.9	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	96.3	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	97.1	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	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	98.0	98.0	98.0
≥ 6000	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	98.7
≥ 5000	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	99.2
≥ 4500	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.3	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	99.3	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
≥ 3000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.5	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
≥ 1800	99.5	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
≥ 1500	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	99.8
≥ 1200	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.5	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	99.6	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	100.0	100.0
≥ 800	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	100.0	100.0
≥ 700	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	100.0	100.0
≥ 600	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	100.0	100.0
≥ 500	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	100.0	100.0
≥ 400	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	100.0	100.0
≥ 300	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	100.0	100.0
≥ 200	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	100.0	100.0
≥ 100	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	100.0	100.0
≥ 0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2938

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (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	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	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	74.5
≥ 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	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	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	81.6	81.6
≥ 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	89.9	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
≥ 9000	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
≥ 8000	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 6000	98.6	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	98.8
≥ 5000	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	99.5
≥ 4500	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.5	99.6	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 3500	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
≥ 3000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 2500	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	99.9
≥ 2000	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	99.9	99.9
≥ 1800	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	99.9	99.9
≥ 1500	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2937

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	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	75.6
≥ 10000	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
≥ 9000	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
≥ 8000	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 5000	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.4	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	99.8
≥ 4000	99.4	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
≥ 3500	99.4	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
≥ 3000	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	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	99.9	99.9
≥ 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	99.9	99.9
≥ 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	99.9	99.9
≥ 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	99.9	99.9
≥ 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	99.9	99.9
≥ 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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	100.0
≥ 500	99.5	99.6	99.8	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	99.5	99.6	99.8	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	99.5	99.6	99.8	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	99.5	99.6	99.6	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	99.5	99.6	99.8	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	99.5	99.6	99.8	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 2943

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3
≥ 18000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9
≥ 16000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 8000	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2
≥ 7000	95.7	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 6000	98.0	98.4	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 5000	98.4	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 4500	98.5	99.0	99.2	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
≥ 4000	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 3500	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 3000	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2500	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2000	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 900	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 800	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 700	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 600	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 500	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	98.5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2941

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	66.8	66.8	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
≥ 12000	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
≥ 10000	80.5	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
≥ 9000	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	90.5	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	90.8
≥ 7000	95.3	95.6	95.6	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
≥ 6000	98.0	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	98.8	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	98.8	99.2	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
≥ 4000	98.8	99.2	99.4	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	98.9	99.2	99.4	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	98.9	99.3	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
≥ 2500	98.9	99.3	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
≥ 2000	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2946

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 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	89.1	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
≥ 10000	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	91.2
≥ 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	94.6	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	94.7
≥ 7000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	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	99.4
≥ 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	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	99.9
≥ 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	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
≥ 1200	99.9	99.9	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 3056

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥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	77.7	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
≥ 18000	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	78.0
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	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
≥ 6000	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
≥ 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	99.8	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	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 3054

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600 (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	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	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	76.5	76.5
≥ 18000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	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	77.9
≥ 14000	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
≥ 12000	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	92.4
≥ 10000	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
≥ 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	95.4
≥ 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	96.6
≥ 7000	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
≥ 6000	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	98.8
≥ 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	99.5
≥ 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	99.8
≥ 3500	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	99.9
≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	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	100.0
≥ 1800	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	100.0
≥ 1500	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	100.0
≥ 1200	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	100.0
≥ 1000	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	100.0
≥ 900	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	100.0
≥ 800	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	100.0
≥ 700	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	100.0
≥ 600	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	100.0
≥ 500	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	100.0
≥ 400	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	100.0
≥ 300	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	100.0
≥ 200	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	100.0
≥ 100	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	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 3064

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	74.6
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 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	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 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	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
≥ 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	99.9	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
≥ 3000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 3063

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥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	79.7	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
≥ 18000	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
≥ 16000	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
≥ 14000	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	85.8	85.8
≥ 12000	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
≥ 10000	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
≥ 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	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
≥ 7000	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 5000	99.3	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
≥ 4500	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 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	99.9	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	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	99.9
≥ 2500	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	99.9
≥ 2000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3062

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 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	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	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	82.2	82.2
≥ 10000	83.6	83.6	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
≥ 9000	85.2	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	85.4	85.4
≥ 8000	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 7000	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 6000	97.5	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
≥ 5000	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 4500	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 4000	99.2	99.4	99.5	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
≥ 3500	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.3	99.5	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
≥ 2000	99.3	99.5	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
≥ 1800	99.3	99.5	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
≥ 1500	99.3	99.5	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
≥ 1200	99.3	99.5	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
≥ 1000	99.3	99.5	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
≥ 900	99.3	99.5	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
≥ 800	99.3	99.5	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
≥ 700	99.3	99.5	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
≥ 600	99.3	99.5	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
≥ 500	99.3	99.5	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
≥ 400	99.3	99.5	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	99.3	99.5	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	99.3	99.5	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
≥ 100	99.3	99.5	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
≥ 0	99.3	99.5	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

TOTAL NUMBER OF OBSERVATIONS 3055

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	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	79.7	79.7
≥ 10000	82.0	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	82.1	82.1
≥ 9000	83.4	83.5	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
≥ 8000	88.6	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
≥ 7000	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	97.3	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 5000	98.5	99.0	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	99.4
≥ 4500	98.6	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 4000	98.8	99.2	99.5	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
≥ 3500	99.0	99.4	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
≥ 3000	99.0	99.4	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
≥ 2500	99.0	99.4	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
≥ 2000	99.0	99.4	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
≥ 1800	99.0	99.4	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
≥ 1500	99.0	99.4	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
≥ 1200	99.0	99.4	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
≥ 1000	99.0	99.4	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
≥ 900	99.0	99.4	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
≥ 800	99.0	99.4	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
≥ 700	99.0	99.4	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
≥ 600	99.0	99.4	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	99.0	99.4	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	99.0	99.4	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	99.0	99.4	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	99.0	99.4	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	99.0	99.4	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	99.0	99.4	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 3065

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) AUG (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	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	68.9
≥ 16000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	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
≥ 12000	83.2	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
≥ 10000	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	85.8	85.8
≥ 9000	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	90.8	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
≥ 7000	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	98.2	98.4	98.5	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
≥ 5000	99.1	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	99.5	99.5
≥ 4500	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.4	99.5	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
≥ 3500	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	99.9
≥ 3000	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
≥ 2500	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
≥ 2000	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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	99.4	99.6	99.8	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 3056

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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	86.5
≥ 18000	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
≥ 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	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	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	96.1	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	96.7	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
≥ 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	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	99.6	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	99.8	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	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	99.8	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	99.9	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
≥ 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	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	99.9	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
≥ 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 2949

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥3/16	≥¼	≥0
NO CEILING	84.7	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
≥ 20000	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	87.1	87.1	87.1
≥ 18000	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
≥ 16000	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	87.7
≥ 14[illegible]	90.9	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	91.0
≥ 12[illegible]	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	95.2	95.2	95.2
≥ 10000	96.2	96.2	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
≥ 9000	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	99.3	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
≥ 4500	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	99.7	99.7
≥ 4000	99.5	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
≥ 3500	99.6	99.7	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
≥ 3000	99.6	99.7	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	99.7	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	99.7	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	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.[illegible]	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.[illegible]	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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 2949

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	83.5
≥ 20000	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	86.3
≥ 18000	86.3	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
≥ 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	87.2
≥ 14000	89.9	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
≥ 12000	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	94.1
≥ 10000	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	96.0	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
≥ 8000	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	96.8	96.8
≥ 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	98.8	98.9	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	99.4	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	99.6
≥ 4500	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	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	99.8
≥ 3500	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	99.8
≥ 3000	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	99.8
≥ 2500	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	99.8
≥ 2000	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	99.8
≥ 1800	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	99.8
≥ 1500	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	99.8
≥ 1200	99.5	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
≥ 1000	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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 2948

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	86.2	86.2	86.2
≥ 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	89.4	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	89.5
≥ 16000	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	90.2	90.2
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 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	97.1	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
≥ 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	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.5	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	99.5	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
≥ 2500	99.5	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	99.9	99.9
≥ 2000	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	99.9
≥ 1800	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	99.9
≥ 1500	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	99.9
≥ 1200	99.6	99.7	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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	99.6	99.8	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 2942

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (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	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	80.3
≥ 20000	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
≥ 18000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	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
≥ 14000	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	87.7
≥ 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	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	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	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
≥ 4000	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	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	99.9
≥ 2000	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
≥ 1800	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
≥ 1500	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	100.0	100.0	100.0
≥ 1200	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	100.0	100.0	100.0
≥ 1000	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	100.0	100.0	100.0
≥ 900	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	100.0	100.0	100.0
≥ 800	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	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 2949

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (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	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 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	76.2
≥ 18000	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	76.5	76.5
≥ 16000	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
≥ 14000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 12000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 10000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 9000	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
≥ 8000	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
≥ 7000	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 6000	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 5000	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	99.5	99.5
≥ 4500	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	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	99.9	99.9
≥ 3500	99.0	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	99.9	99.9
≥ 3000	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	99.9	99.9
≥ 2500	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	99.9	99.9
≥ 2000	99.6	99.7	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	99.7	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	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	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	99.9	100.0	100.0
≥ 1000	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	99.9	100.0	100.0
≥ 900	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	99.9	100.0	100.0
≥ 800	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	99.9	100.0	100.0
≥ 700	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	99.9	100.0	100.0
≥ 600	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	99.9	100.0	100.0
≥ 500	99.6	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
≥ 400	99.6	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
≥ 300	99.6	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
≥ 200	99.6	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
≥ 100	99.6	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
≥ 0	99.6	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

TOTAL NUMBER OF OBSERVATIONS 2946

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (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	≥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	77.8	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	77.8
≥ 18000	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	78.0
≥ 16000	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
≥ 14000	82.3	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	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
≥ 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	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
≥ 8000	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
≥ 7000	97.0	97.1	97.1	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
≥ 6000	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.4	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
≥ 3500	99.5	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
≥ 3000	99.5	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
≥ 2500	99.5	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
≥ 2000	99.5	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
≥ 1800	99.5	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
≥ 1500	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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 2949

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	79.4
≥ 20000	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	83.2	83.2
≥ 18000	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	83.3
≥ 16000	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
≥ 14000	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
≥ 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	93.2	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	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
≥ 8000	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
≥ 7000	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
≥ 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	99.5	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	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2951

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.3	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
≥ 20000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 18000	89.3	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
≥ 16000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 14000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 12000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 10000	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 9000	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
≥ 8000	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 7000	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	99.2	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
≥ 4000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.6	99.7	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	99.7	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	100.0
≥ 1800	99.6	99.7	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	100.0
≥ 1500	99.6	99.7	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	100.0
≥ 1200	99.6	99.7	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	100.0
≥ 1000	99.6	99.7	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	100.0
≥ 900	99.6	99.7	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	100.0
≥ 800	99.6	99.7	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	100.0
≥ 700	99.6	99.7	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	100.0
≥ 600	99.6	99.7	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	100.0
≥ 500	99.6	99.7	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	100.0
≥ 400	99.6	99.7	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	100.0
≥ 300	99.6	99.7	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	100.0
≥ 200	99.6	99.7	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	100.0
≥ 100	99.6	99.7	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	100.0
0	99.6	99.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 3051

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (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	88.2	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
≥ 20000	89.9	90.0	90.0	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
≥ 18000	89.9	90.0	90.0	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
≥ 16000	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	90.5	90.5	90.5
≥ 14000	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 12000	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	94.8	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
≥ 9000	95.1	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
≥ 8000	95.7	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
≥ 7000	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	97.9	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
≥ 5000	98.9	99.1	99.1	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
≥ 4500	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.4	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
≥ 3500	99.5	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
≥ 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	99.9	99.9	99.9	99.9
≥ 2500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.5	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
≥ 900	99.5	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
≥ 800	99.5	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
≥ 700	99.5	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
≥ 600	99.5	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
≥ 500	99.5	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
≥ 400	99.5	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
≥ 300	99.5	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
≥ 200	99.5	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
≥ 100	99.5	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
0	99.5	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

TOTAL NUMBER OF OBSERVATIONS 3043

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-43,48-75 (YEARS) OCT (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	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 20000	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 14000	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 12000	92.2	92.2	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
≥ 10000	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 9000	94.3	94.3	94.3	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
≥ 8000	95.1	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
≥ 7000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	98.9	98.9	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	99.1
≥ 4000	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 1500	99.5	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
≥ 1200	99.5	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
≥ 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 3050

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 20000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 14000	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	91.2	91.2	91.2
≥ 12000	92.5	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
≥ 10000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 9000	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 6000	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.2	99.4	99.4	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
≥ 2000	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	99.6	99.6	99.6	99.8	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 3047

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MUNITHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	79.5	79.5	79.5
≥ 20000	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 18000	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 16000	87.7	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	87.9	87.9
≥ 14000	88.7	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
≥ 12000	91.0	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	91.2
≥ 10000	92.1	92.2	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
≥ 9000	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000	94.0	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
≥ 7000	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	98.7	98.9	98.9	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
≥ 4500	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.2	99.5	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	99.2	99.5	99.6	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
≥ 2500	99.2	99.5	99.6	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
≥ 2000	99.2	99.5	99.6	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
≥ 1800	99.2	99.5	99.6	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
≥ 1500	99.2	99.5	99.6	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
≥ 1200	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	99.6	99.7	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
≥ 900	99.3	99.6	99.7	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
≥ 800	99.3	99.6	99.7	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
≥ 700	99.3	99.6	99.7	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
≥ 600	99.3	99.6	99.7	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
≥ 500	99.3	99.6	99.7	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
≥ 400	99.3	99.6	99.7	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	99.3	99.6	99.7	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	99.3	99.6	99.7	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
≥ 100	99.3	99.6	99.7	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
≥ 0	99.3	99.6	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

TOTAL NUMBER OF OBSERVATIONS 3039

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	75.2	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
≥ 20000	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	84.0
≥ 18000	84.4	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
≥ 16000	85.2	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
≥ 14000	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	86.7
≥ 12000	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 10000	90.6	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
≥ 9000	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
≥ 8000	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	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
≥ 6000	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	99.0	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
≥ 3500	99.1	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
≥ 3000	99.3	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
≥ 2500	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	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	99.9	99.9
≥ 1800	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	99.9	99.9
≥ 1500	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	99.9	99.9
≥ 1200	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	99.9	99.9
≥ 1000	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	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	100.0	100.0
≥ 800	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	100.0	100.0
≥ 700	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	100.0	100.0
≥ 600	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	100.0	100.0
≥ 500	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	100.0	100.0
≥ 400	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	100.0	100.0
≥ 300	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	100.0	100.0
≥ 200	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	100.0	100.0
≥ 100	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	100.0	100.0
≥ 0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3046

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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	85.4	85.4
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 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	99.1	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	99.8	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
≥ 2000	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
≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3051

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB AKIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	85.4	85.4
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 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	94.3	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	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	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	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	98.5	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
≥ 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	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.8	99.9	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	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
≥ 2000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 3052

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV 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	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	84.7
≥ 20000	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	89.0	89.0
≥ 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	89.5	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
≥ 14000	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	90.6	90.6
≥ 12000	92.7	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
≥ 10000	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	93.9
≥ 9000	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	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	95.1	95.1
≥ 7000	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	96.1	96.1
≥ 6000	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	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	98.4	98.5
≥ 4500	98.5	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
≥ 4000	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	99.4
≥ 3500	99.1	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	99.4
≥ 3000	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
≥ 2500	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 2000	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	99.8
≥ 1800	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	99.8
≥ 1500	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	99.9
≥ 1200	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	99.9
≥ 1000	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	99.9
≥ 900	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	99.9
≥ 800	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	99.9	100.0
≥ 700	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	99.9	100.0
≥ 600	99.6	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
≥ 500	99.6	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
≥ 400	99.6	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
≥ 300	99.6	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
≥ 200	99.6	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
≥ 100	99.6	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
0	99.6	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

TOTAL NUMBER OF OBSERVATIONS 2956

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (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	83.8	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
≥ 20000	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 18000	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	88.9	88.9	88.9
≥ 16000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 14000	90.0	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	90.2
≥ 12000	91.9	92.0	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
≥ 10000	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	93.2	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	93.5	93.5
≥ 8000	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 6000	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 5000	97.5	97.6	97.7	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
≥ 4500	98.0	98.2	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
≥ 4000	98.6	98.9	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
≥ 3500	98.7	99.0	99.0	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
≥ 3000	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1800	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1500	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	99.2	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
≥ 500	99.2	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	99.9	99.9
≥ 400	99.2	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	99.9	99.9
≥ 300	99.2	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
≥ 200	99.2	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
≥ 100	99.2	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
0	99.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS 2946

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 20000	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 18000	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 16000	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 12000	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 10000	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 9000	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 8000	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 7000	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 6000	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 5000	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 4500	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 4000	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 3000	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 2500	99.2	99.4	99.4	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
≥ 2000	99.3	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	99.8
≥ 1800	99.3	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	99.8
≥ 1500	99.3	99.5	99.5	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
≥ 1200	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	99.5	99.6	99.7	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	99.3	99.5	99.6	99.7	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	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.4	99.6	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	99.4	99.6	99.7	99.8	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	99.4	99.6	99.7	99.8	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	99.4	99.6	99.7	99.8	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	99.4	99.6	99.7	99.8	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	99.4	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	100.0	100.0
≥ 0	99.4	99.6	99.7	99.8	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 2944

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.2	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	78.6
≥ 20000	85.3	85.5	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	85.8
≥ 18000	85.9	86.1	86.2	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
≥ 16000	87.4	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 14000	89.6	89.9	90.0	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
≥ 12000	90.8	91.0	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	91.3
≥ 10000	91.9	92.1	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	92.4
≥ 9000	92.1	92.3	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
≥ 8000	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 7000	93.7	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	95.3	95.6	95.7	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
≥ 5000	97.1	97.3	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
≥ 4500	97.5	97.8	98.1	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
≥ 4000	97.9	98.2	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	98.8
≥ 3500	98.1	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 3000	98.3	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
≥ 2500	98.4	98.7	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.5	98.9	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.5	98.9	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.6	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1200	98.6	99.0	99.3	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
≥ 1000	98.6	99.0	99.3	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
≥ 900	98.7	99.1	99.4	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
≥ 800	98.7	99.1	99.4	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
≥ 700	98.7	99.1	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	99.9
≥ 600	98.7	99.1	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	99.9
≥ 500	98.7	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.7	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.7	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.7	99.1	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	100.0
≥ 100	98.7	99.1	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	100.0
0	98.7	99.1	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	100.0

TOTAL NUMBER OF OBSERVATIONS 29:7

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 14000	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 10000	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 8000	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	97.3	97.4	97.5	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
≥ 4500	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	98.2	98.4	98.4	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
≥ 3500	98.3	98.5	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	98.8
≥ 3000	98.7	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.7	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.8	99.1	99.1	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
≥ 1800	98.8	99.1	99.1	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
≥ 1500	98.8	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.8	99.1	99.3	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
≥ 1000	98.9	99.2	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
≥ 900	98.9	99.2	99.3	99.5	99.6	99.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.9	99.3	99.4	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
≥ 200	98.9	99.3	99.4	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
≥ 100	98.9	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.9	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2937

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	86.4	86.5	86.5	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
≥ 14000	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 12000	89.4	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
≥ 10000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 6000	96.5	96.6	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
≥ 5000	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.7	98.9	98.9	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
≥ 3000	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.0	99.2	99.3	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
≥ 1800	99.0	99.2	99.3	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
≥ 1500	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.2	99.4	99.5	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
≥ 1000	99.3	99.5	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
≥ 900	99.3	99.5	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
≥ 800	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.5	99.7	99.7	99.8	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 2938

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.1	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 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	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	92.7	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
≥ 9000	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 8000	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
≥ 7000	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	95.2	95.2	95.2
≥ 6000	97.3	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
≥ 5000	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	98.8
≥ 4500	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	99.0	99.0
≥ 4000	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	99.3	99.3	99.3
≥ 3500	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.5	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
≥ 1800	99.5	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
≥ 1500	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	99.8
≥ 1200	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	99.9	99.9	99.9
≥ 1000	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0
≥ 900	99.7	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	99.7	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
≥ [illegible]	99.7	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
≥ [illegible]	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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	99.7	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 2942

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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	88.5	88.5	88.5
≥ 18000	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	88.8
≥ 16000	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	89.7
≥ 14000	91.0	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	91.2	91.2
≥ 12000	92.7	92.8	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
≥ 10000	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	93.9	93.9
≥ 9000	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	95.4	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	95.6	95.6
≥ 6000	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
≥ 5000	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
≥ 4500	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	98.9
≥ 4000	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	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	99.6	99.6	99.6
≥ 3000	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	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	99.7	99.7
≥ 2000	99.4	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
≥ 1800	99.4	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
≥ 1500	99.4	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
≥ 1200	99.4	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	99.4	99.6	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
≥ 600	99.4	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	100.0	100.0
≥ 500	99.4	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	100.0	100.0
≥ 400	99.4	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	100.0	100.0
≥ 300	99.4	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	100.0	100.0
≥ 200	99.4	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	100.0	100.0
≥ 100	99.4	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	100.0	100.0
≥ 0	99.4	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2947

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-71,73-75 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	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	82.0
≥ 18000	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	82.3
≥ 16000	82.9	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
≥ 14000	84.9	84.9	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
≥ 12000	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	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	89.0
≥ 9000	89.3	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
≥ 8000	90.0	90.1	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	91.2	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
≥ 6000	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	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
≥ 3500	97.2	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
≥ 3000	97.9	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
≥ 2500	98.3	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
≥ 2000	98.4	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	98.9	98.9
≥ 1800	98.4	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	98.9	98.9
≥ 1500	98.5	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
≥ 1200	98.5	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
≥ 1000	98.5	99.0	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
≥ 900	98.5	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.5	99.1	99.3	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
≥ 700	98.5	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	99.5
≥ 600	98.5	99.1	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
≥ 500	98.5	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	98.6	99.2	99.4	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
≥ 300	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
0	98.6	99.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS 2961

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-71,73-75 (YEARS) DEC (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	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
≥ 20000	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	82.3
≥ 18000	82.3	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
≥ 16000	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	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
≥ 12000	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	87.5
≥ 10000	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	89.3	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
≥ 8000	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
≥ 7000	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
≥ 6000	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.3	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
≥ 2000	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.4	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
≥ 1200	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.5	98.9	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
≥ 900	98.5	98.9	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
≥ 800	98.5	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
≥ 700	98.5	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
≥ 600	98.5	99.0	99.3	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
≥ 500	98.5	99.0	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	99.5
≥ 400	98.5	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	98.5	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	98.5	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	98.5	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2961

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-71,73-75 (YEARS) DEC (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	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	80.1	80.1	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
≥ 18000	80.7	80.7	80.7	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
≥ 16000	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	81.9
≥ 14000	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.4	86.5	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
≥ 10000	88.1	88.1	88.2	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
≥ 9000	88.4	88.5	88.6	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
≥ 8000	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	90.4	90.5	90.6	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
≥ 6000	92.8	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.2
≥ 5000	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.5	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	96.9	97.1	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	97.6	97.8	97.9	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
≥ 2500	97.9	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.0	98.4	98.7	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
≥ 1800	98.0	98.4	98.7	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
≥ 1500	98.0	98.5	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.1	98.5	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.1	98.5	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.1	98.5	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.1	98.5	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.1	98.5	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.1	98.5	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.1	98.5	98.9	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
≥ 400	98.1	98.6	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.1	98.6	98.9	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.1	98.6	98.9	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.1	98.6	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.1	98.6	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-71,73-75 (YEARS) DEC (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	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	79.2
≥ 18000	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	81.4	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	81.8
≥ 14000	83.7	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.3	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	87.4	87.6	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	87.9
≥ 9000	88.0	88.2	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	88.5
≥ 8000	89.2	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	89.8
≥ 7000	90.4	90.6	90.7	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
≥ 6000	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 5000	95.2	95.5	95.7	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
≥ 4500	95.8	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 4000	96.5	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.9	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	97.3	97.7	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 2500	97.5	98.0	98.1	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 2000	97.5	98.0	98.1	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1800	97.5	98.0	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1500	97.7	98.3	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	97.7	98.3	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1000	97.7	98.4	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	97.7	98.4	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	97.7	98.4	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700	97.7	98.4	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	97.7	98.4	98.7	98.9	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	97.7	98.4	98.7	98.9	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	97.7	98.4	98.7	98.9	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	97.7	98.4	98.7	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.7	98.4	98.7	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.7	98.4	98.7	98.9	99.2	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	97.7	98.4	98.7	98.9	99.2	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-71,73-75 (YEARS) DEC (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	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 12000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 9000	88.3	88.4	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	88.5
≥ 8000	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 5000	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 4500	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 3500	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	98.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.3	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.5	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.6	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1000	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.6	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.6	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2964

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | DEC 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	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	77.3	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	77.6
≥ 18000	78.3	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
≥ 16000	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	82.5	82.7	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	85.3	85.5	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	87.5	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
≥ 9000	88.0	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	88.5
≥ 8000	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	92.8	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	94.7	95.1	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	95.6	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	96.7	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	97.2	97.7	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	98.2
≥ 3000	97.6	98.2	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
≥ 2500	97.9	98.6	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
≥ 2000	98.2	98.9	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.2	98.9	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.2	98.9	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.2	98.9	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.2	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	98.2	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.2	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	98.2	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	98.2	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	98.2	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	98.3	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.3	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.3	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.3	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	98.3	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2968

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-71,73-75 YEARS | DEC 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	≥1	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.0	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	77.4	79.4	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
≥ 18000	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	81.1	81.1	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	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.2	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
≥ 10000	87.9	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
≥ 9000	88.5	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
≥ 8000	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.5	90.5	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
≥ 6000	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4000	96.0	96.4	96.6	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
≥ 3500	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.7	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.0	98.6	98.9	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
≥ 2000	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.3	99.0	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
≥ 1200	98.3	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.4	99.2	99.6	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
≥ 900	98.4	99.2	99.6	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
≥ 800	98.4	99.2	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
≥ 700	98.4	99.3	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	99.9
≥ 600	98.4	99.3	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	99.9
≥ 500	98.4	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	99.9
≥ 400	98.4	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	99.9
≥ 300	98.4	99.3	99.7	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
≥ 200	98.4	99.3	99.7	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	98.4	99.3	99.7	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
≥ 0	98.4	99.3	99.7	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

TOTAL NUMBER OF OBSERVATIONS 2966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	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
≥ 18000	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	82.3	82.5	82.5	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
≥ 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	86.3	86.7	86.7	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
≥ 10000	88.2	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	88.4
≥ 9000	88.6	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
≥ 8000	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
≥ 7000	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	92.5	92.7	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
≥ 5000	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 4000	96.5	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 3000	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.6	99.3	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
≥ 2000	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1800	98.7	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1200	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	98.7	99.4	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
≥ 900	98.7	99.5	99.7	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
≥ 800	98.7	99.5	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
≥ 700	98.7	99.5	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
≥ 600	98.7	99.5	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
≥ 500	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.7	99.5	99.7	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
≥ 100	98.7	99.5	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	99.9
0	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2965

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D SKY COVER

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

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

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

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

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

S74-29965

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	48,48-70	ALL
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		
JAN	ALL	40.2	4.8	4.7	4.4	3.6	2.6	3.7	3.8	5.3	4.0	22.8	4.1	17831
FEB		42.9	5.5	4.7	4.1	3.4	2.7	3.6	3.9	5.0	4.0	20.2	3.8	15070
MAR		38.4	5.9	5.2	4.2	3.9	3.3	4.0	4.5	5.7	4.4	20.5	4.1	17109
APR		49.2	6.2	5.7	4.4	3.9	3.1	3.9	3.7	4.4	3.6	12.0	3.0	16557
MAY		55.9	6.7	5.4	4.5	3.3	2.7	3.0	3.4	4.3	3.1	7.9	2.4	17107
JUN		57.0	7.6	5.0	4.7	3.3	3.0	3.0	3.7	3.6	2.8	5.8	2.2	16557
JUL		14.4	5.6	6.1	6.3	5.8	5.8	5.5	7.9	10.2	9.0	25.3	5.7	17107
AUG		21.3	6.9	7.1	7.2	6.1	5.4	5.0	6.9	8.2	6.9	19.0	4.9	17110
SEP		49.1	8.7	6.5	5.2	3.8	3.7	3.1	3.7	4.3	3.3	8.6	2.7	16558
OCT		57.2	6.8	5.5	4.3	3.5	3.0	3.2	3.3	3.5	2.6	7.1	2.3	17108
NOV		51.2	6.1	4.7	3.8	2.9	2.5	3.6	4.0	4.5	3.4	13.3	3.0	16545
DEC		44.0	4.9	4.2	3.8	2.9	2.7	3.4	4.3	4.8	4.6	20.3	3.8	17106
TOTALS		43.4	6.3	5.5	4.7	3.9	3.4	3.8	4.4	5.3	4.3	15.1	3.5	201765

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	46,48-70	JAN
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		
JAN	00-02	50.6	3.6	4.2	4.0	3.2	2.5	3.9	3.3	3.9	1.6	19.2	3.3	2228
	03-05	52.4	3.1	4.3	3.5	2.9	2.5	3.1	3.1	4.8	2.2	18.1	3.3	2229
	06-08	40.9	4.9	4.9	4.9	3.5	2.3	3.9	3.8	5.0	3.6	22.2	4.0	2228
	09-11	34.6	6.5	5.1	5.1	4.1	2.3	2.6	3.8	4.6	5.8	25.5	4.5	2231
	12-14	31.9	5.8	4.4	4.4	3.8	3.5	4.7	3.5	6.1	5.4	26.7	4.8	2229
	15-17	30.3	5.6	4.8	4.2	3.9	2.9	3.5	4.3	7.0	6.7	27.0	4.9	2229
	18-20	36.2	5.3	4.5	4.5	3.6	2.2	3.8	5.0	6.9	4.1	23.7	4.4	2229
	21-23	44.4	3.4	5.4	4.8	4.1	2.5	4.3	3.7	4.4	2.8	20.1	3.7	2228
TOTALS		40.2	4.8	4.7	4.4	3.6	2.6	3.7	3.8	5.3	4.0	22.8	4.1	17831

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109 | DAVIS MONTHAN AFB ARIZONA(TUCSON) | 48-70 | FEB
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		
FEB	00-02	54.7	4.6	5.2	3.6	3.1	2.2	2.2	2.8	3.6	1.9	16.1	2.9	1884
	03-05	56.3	3.7	3.5	3.2	3.5	2.2	2.5	3.0	3.0	2.1	16.9	2.9	1884
	06-08	44.4	6.0	4.2	3.6	3.7	2.8	3.9	4.2	5.5	4.3	17.4	3.6	1884
	09-11	40.3	6.7	4.8	3.9	3.0	2.9	3.3	3.9	5.9	4.8	20.4	4.0	1884
	12-14	33.8	6.1	4.5	5.1	3.5	3.3	3.9	4.1	6.4	5.2	24.0	4.5	1884
	15-17	31.0	6.2	5.1	3.9	3.6	2.8	3.5	4.7	6.2	6.2	26.8	4.8	1884
	18-20	36.4	7.0	4.8	3.8	3.6	3.0	4.6	4.3	5.4	5.3	21.8	4.2	1882
	21-23	46.5	3.7	5.3	6.0	3.2	2.5	4.5	4.1	4.2	2.0	18.1	3.5	1884
TOTALS		42.9	5.5	4.7	4.1	3.4	2.7	3.6	3.9	5.0	4.0	20.2	3.8	15070

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109 | DAVIS MONTHAN AFB ARIZONA(TUCSON) | 48-70 | MAR
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		
MAR	00-02	51.2	5.7	4.1	3.7	3.9	2.5	3.7	3.3	3.6	2.2	16.0	3.1	2138
	03-05	49.6	5.3	5.2	4.3	3.5	3.2	2.9	3.9	3.7	2.2	16.2	3.1	2139
	06-08	37.5	6.1	6.1	4.0	3.0	3.3	2.6	4.4	6.4	5.3	21.2	4.2	2139
	09-11	35.2	7.2	4.9	4.0	3.5	3.4	3.4	4.5	6.1	4.7	23.1	4.3	2138
	12-14	31.6	6.0	4.7	3.9	3.3	3.8	4.3	4.4	6.7	7.5	23.9	4.8	2139
	15-17	26.3	5.5	4.0	4.2	5.4	3.6	5.3	6.5	7.6	6.0	25.8	5.1	2139
	18-20	30.8	6.5	5.9	5.2	4.8	3.7	4.7	5.3	6.5	4.5	21.9	4.5	2139
	21-23	45.1	5.0	6.3	4.4	4.1	2.7	5.1	3.9	4.7	2.6	16.2	3.4	2138
TOTALS		38.4	5.9	5.2	4.2	3.9	3.3	4.0	4.5	5.7	4.4	20.5	4.1	17109

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	48-70	APR
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		
APR	00-02	62.3	3.9	5.2	4.1	3.9	2.6	3.6	2.9	1.7	1.1	8.7	2.1	2069
	03-05	61.9	4.6	5.5	4.5	4.0	1.9	2.9	2.4	2.8	1.4	8.0	2.0	2070
	06-08	50.3	7.0	4.8	4.2	3.3	2.7	3.2	4.1	5.0	4.0	11.5	2.9	2070
	09-11	46.6	7.4	5.9	3.2	4.0	2.9	3.5	3.8	5.2	4.4	13.0	3.2	2069
	12-14	38.0	8.2	6.1	4.5	3.8	4.5	4.4	4.4	5.9	5.6	14.7	3.7	2070
	15-17	38.1	6.1	5.1	4.9	4.0	3.6	4.4	4.3	6.3	6.0	17.2	4.0	2069
	18-20	41.1	7.8	6.2	5.3	4.2	3.4	4.2	4.8	5.1	4.8	13.1	3.4	2070
	21-23	55.6	4.8	6.9	4.3	3.7	3.0	4.6	3.1	3.1	1.3	9.5	2.4	2070
TOTALS		49.2	6.2	5.7	4.4	3.9	3.1	3.9	3.7	4.4	3.6	12.0	3.0	16557

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	48-70	MAY
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		
MAY	00-02	68.5	5.1	5.1	3.1	2.7	2.6	2.5	1.8	2.4	1.4	4.9	1.6	2138
	03-05	67.4	5.2	4.2	3.6	2.8	2.1	2.6	2.3	2.6	1.5	5.8	1.7	2139
	06-08	56.9	7.2	4.6	4.7	2.6	2.5	2.7	3.6	4.2	3.3	7.8	2.4	2137
	09-11	52.0	8.9	5.7	4.7	2.8	2.9	2.9	3.1	4.5	3.4	9.1	2.6	2139
	12-14	47.3	7.7	5.2	5.1	3.7	3.3	3.6	3.9	5.9	4.6	9.7	3.0	2139
	15-17	43.1	7.9	6.8	4.5	4.0	3.2	3.6	5.0	5.7	4.9	11.2	3.3	2138
	18-20	49.9	6.0	6.3	5.2	4.0	2.5	3.5	4.1	6.0	3.9	8.7	2.8	2139
	21-23	62.2	5.2	5.0	5.0	3.5	2.4	2.4	3.4	3.0	1.8	6.0	2.0	2138
TOTALS		55.9	6.7	5.4	4.5	3.3	2.7	3.0	3.4	4.3	3.1	7.9	2.4	17107

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	48-70	JUN
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		
JUN	00-02	69.0	4.6	4.4	4.6	2.3	2.1	2.1	2.0	2.3	1.7	4.8	1.6	2070
	03-05	65.7	6.9	5.2	4.2	2.3	2.5	2.1	2.5	2.7	1.4	4.8	1.6	2068
	06-08	59.8	8.1	6.4	4.1	3.0	2.3	2.8	3.4	2.1	3.0	5.0	1.9	2070
	09-11	59.4	8.0	5.0	4.9	3.1	2.7	4.0	3.2	2.9	2.6	4.3	1.9	2070
	12-14	49.4	9.1	6.3	5.6	4.8	4.3	3.3	4.8	4.0	2.7	5.7	2.5	2070
	15-17	43.5	9.0	6.9	5.8	4.6	4.2	3.5	5.5	5.4	4.6	7.1	2.9	2070
	18-20	48.0	9.2	5.5	5.3	3.4	2.9	3.0	4.3	5.8	4.2	8.3	2.8	2069
	21-23	61.5	5.6	5.2	3.4	3.0	2.8	3.3	3.8	3.4	2.0	6.0	2.0	2070
TOTALS		57.0	7.6	5.6	4.7	3.3	3.0	3.0	3.7	3.6	2.8	5.8	2.4	16557

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109 | DAVIS MONTHAN AFB ARIZONA(TUCSON) | 48-70 | JUL

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		
JUL	00-02	21.7	5.3	5.1	4.0	4.5	3.9	5.2	5.8	8.4	6.4	29.7	5.6	2138
	03-05	21.5	4.6	5.8	5.6	6.4	4.4	5.0	7.1	8.7	7.2	23.7	5.3	2138
	06-08	15.2	6.0	6.0	5.6	4.9	5.2	6.6	8.3	10.8	9.7	21.6	5.7	2137
	09-11	18.7	8.1	9.2	7.5	7.2	6.5	5.0	7.2	9.7	7.2	13.6	4.7	2139
	12-14	10.6	8.0	8.8	11.2	8.4	9.4	7.1	9.1	10.9	7.2	9.3	4.9	2139
	15-17	6.0	4.8	6.5	7.6	7.2	9.2	5.8	10.9	12.1	12.1	17.7	6.1	2138
	18-20	7.5	4.3	3.5	4.6	4.2	3.8	4.1	7.2	12.7	13.7	34.4	7.0	2139
	21-23	14.2	3.7	4.0	4.5	3.7	4.0	5.1	7.5	8.6	8.3	36.5	6.5	2139
TOTALS		14.4	5.6	6.1	6.3	5.8	5.8	5.5	7.9	10.2	9.0	23.3	5.7	17107

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	48-70	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	29.0	4.7	6.1	5.9	4.5	3.5	3.9	5.4	7.0	3.9	25.6	4.8	2139
	03-05	34.1	5.0	7.0	6.6	5.8	4.9	4.4	5.9	6.3	4.4	15.5	4.0	2139
	06-08	25.2	6.7	7.1	7.5	5.6	4.6	4.0	6.9	7.9	7.9	16.5	4.6	2139
	09-11	27.1	10.7	7.4	7.2	6.0	5.1	4.9	6.6	7.0	6.1	12.0	4.0	2139
	12-14	13.0	11.2	9.5	9.9	8.0	9.3	5.8	7.8	8.7	7.4	9.4	4.6	2138
	15-17	6.9	6.3	7.8	9.7	8.8	8.4	6.6	9.2	11.3	10.8	14.3	5.6	2138
	18-20	11.7	5.6	5.8	5.5	4.9	4.0	5.0	7.6	10.8	10.3	28.8	6.2	2139
	21-23	22.6	5.3	6.0	5.2	5.2	3.5	5.6	6.0	6.3	4.7	29.5	5.3	2139
TOTALS		21.3	6.9	7.1	7.2	6.1	5.4	5.0	6.9	8.2	6.9	19.0	4.9	17110

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109 | DAVIS MONTHAN AFB ARIZONA(TUCSON) | 48-70 | SEP

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		
SEP	00-02	60.6	5.4	6.0	3.2	3.1	2.3	2.8	3.4	3.2	1.9	8.1	2.1	2070
	03-05	63.9	5.5	4.1	3.7	3.3	3.0	2.7	2.9	2.8	1.1	7.0	1.9	2070
	06-08	54.7	8.7	5.3	4.5	3.8	3.4	2.8	3.0	4.0	2.8	7.1	2.3	2070
	09-11	55.5	9.5	6.4	5.1	3.4	2.7	2.2	2.9	2.9	2.4	7.0	2.1	2069
	12-14	37.1	14.0	8.7	7.7	4.6	4.9	3.4	3.7	4.8	3.4	7.5	2.9	2070
	15-17	28.7	11.2	8.6	7.7	5.1	5.6	4.2	5.8	6.6	7.1	9.3	3.8	2070
	18-20	38.4	9.8	6.9	5.5	3.9	3.8	3.6	5.0	5.5	5.3	12.5	3.5	2070
	21-23	53.0	5.1	5.6	4.1	3.5	3.5	3.1	3.2	4.4	2.3	11.5	2.7	2069
TOTALS		49.1	8.7	6.5	5.2	3.8	3.7	3.1	3.7	4.3	3.3	8.8	2.7	16558

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	48-70	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 CO ?											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	70.9	3.7	4.1	2.8	3.0	1.6	2.4	2.5	2.7	1.1	5.2	1.6	2139
	03-05	70.4	4.7	4.2	3.5	2.5	1.6	3.1	2.0	2.0	1.5	4.6	1.5	2139
	06-08	56.5	6.2	6.1	4.4	3.6	3.2	3.3	3.9	3.4	2.9	6.3	2.3	2138
	09-11	53.0	9.3	5.8	5.0	3.7	3.2	3.1	2.5	2.9	3.7	7.8	2.4	2139
	12-14	45.3	9.2	6.9	6.2	4.1	4.2	3.6	4.0	4.2	3.6	8.7	2.8	2137
	15-17	43.4	8.9	6.9	7.2	4.7	4.6	4.0	4.9	5.2	4.0	9.1	3.0	2138
	18-20	53.2	7.9	5.3	4.5	3.6	3.3	3.1	3.6	4.3	2.5	8.8	2.5	2139
	21-23	65.0	4.3	4.8	4.0	3.1	2.3	2.9	2.9	2.9	1.5	6.1	1.9	2139
TOTALS		57.2	6.8	5.5	4.3	3.5	3.0	3.2	3.3	3.5	2.6	7.1	2.3	17108

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
48-70 — PERIOD
NOV — 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	62.0	3.9	3.8	3.4	2.6	1.6	3.0	3.3	3.4	1.7	10.0	2.3	2069
	03-05	62.9	3.7	3.2	3.0	2.4	1.8	3.5	3.5	3.9	2.1	10.0	2.3	2070
	06-08	50.3	6.6	4.4	3.1	2.8	3.2	3.4	3.6	4.9	4.4	13.2	3.1	2067
	09-11	45.5	9.0	4.4	3.7	2.3	3.5	3.1	4.5	3.9	4.5	15.7	3.3	2067
	12-14	41.1	7.5	5.6	4.8	3.3	2.9	4.0	4.6	5.2	4.8	16.2	3.6	2067
	15-17	40.1	6.8	.7	4.7	3.5	2.5	4.2	4.4	6.1	5.0	17.0	3.8	2067
	18-20	48.8	6.7	5.5	3.9	3.0	2.6	4.1	4.3	5.4	2.8	12.8	3.1	2070
	21-23	58.5	4.5	5.1	3.6	3.1	2.0	3.6	3.6	3.3	2.1	10.6	2.5	2068
TOTALS		51.2	6.1	4.7	3.8	2.9	2.5	3.6	4.0	4.5	3.4	13.3	3.0	16545

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
48-70 — 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	52.0	3.9	4.3	4.0	2.9	2.7	3.5	3.7	4.1	2.8	16.4	3.2	2136
	03-05	55.9	2.6	4.0	3.4	2.9	2.1	2.9	3.8	2.9	2.5	17.1	3.0	2139
	06-08	45.0	3.9	4.3	3.6	3.1	2.4	2.3	4.2	4.8	4.7	18.7	3.6	2138
	09-11	39.0	5.1	4.3	4.2	2.9	2.9	3.3	4.2	6.1	6.3	21.9	4.3	2138
	12-14	35.3	6.2	3.9	4.1	2.9	2.9	3.1	4.9	6.0	7.0	23.6	4.5	2139
	15-17	33.6	6.1	4.2	4.0	2.6	2.7	3.7	3.8	5.9	7.1	26.2	4.7	2139
	18-20	42.1	4.9	4.5	3.5	2.7	2.6	4.4	5.4	4.8	4.0	21.0	4.0	2139
	21-23	48.7	3.3	4.0	3.9	3.5	3.2	4.3	4.6	4.1	2.7	17.7	3.4	2138
TOTALS		44.0	4.9	4.2	3.8	2.9	2.7	3.4	4.3	4.8	4.6	20.3	3.8	17106

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.

E

Continued on Reverse

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

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~percentage~~ number 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.

74-29966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23109 — STATION
DAVIS MONTHAN AFB ARIZONA/TUCSON — STATION NAME
41-46, 48-76 — YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.8	.3	.3					.1
105					.2	12.1	11.2	2.2	1.6				2.3
100				.2	4.3	41.4	41.8	22.8	15.3	.4			10.5
95				3.5	22.7	70.2	73.0	61.0	47.2	7.6			24.0
90			.7	13.1	53.9	90.3	92.2	89.1	75.9	29.3	.1		37.2
85	.3	.7	6.5	32.7	76.3	98.1	98.0	98.3	91.5	54.8	6.5		47.1
80	2.0	3.8	20.4	58.4	89.3	99.7	99.5	99.6	97.4	73.4	25.4	1.7	56.1
75	10.5	20.2	41.2	76.0	96.0	100.0	100.0	99.9	99.6	86.6	46.8	12.2	65.7
70	27.7	40.5	60.9	87.2	98.9			100.0	100.0	93.4	66.1	31.6	75.5
65	48.5	61.0	76.8	93.9	99.6					97.1	80.9	54.8	84.3
60	70.4	78.5	88.3	97.9	99.8					99.3	91.4	73.6	91.5
55	84.8	92.1	94.3	99.7	100.0					99.7	97.3	86.5	96.2
50	94.2	98.0	98.9	100.0						100.0	99.2	95.5	98.8
45	98.5	99.6	99.8								99.8	99.2	99.7
40	99.7	100.0	100.0								100.0	99.9	100.0
35	100.0											100.0	100.0
MEAN	73.8	66.7	71.4	80.1	88.9	97.6	97.9	95.6	93.4	84.0	73.6	64.7	81.4
S.D.	9.597	8.624	9.280	8.847	7.[illegible]9	5.999	5.643	4.885	6.138	8.448	8.794	8.311	14.863
TOTAL OBS	1034	910	991	960	992	960	1006	1023	989	1023	980	1023	11911

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 41-46, 48-76
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	.7	.1					.1
≥	80						5.3	19.2	2.2	1.1				1.6
≥	75					.8	19.4	48.0	32.3	12.4	.4			9.5
≥	70			.1		5.5	43.2	91.6	86.7	48.7	3.7			23.5
≥	65				1.6	20.7	72.3	99.8	99.8	79.9	19.9	.2		33.0
≥	60		.2	.8	11.2	52.2	92.7	100.0	100.0	95.2	47.7	2.6		42.0
≥	55	.8	3.2	8.0	32.3	78.1	99.5			98.9	73.2	14.2	1.7	50.9
≥	50	7.3	13.6	26.6	62.5	93.3	100.0			99.9	87.3	38.7	10.1	61.7
≥	45	25.0	34.7	54.6	85.1	98.5				100.0	95.5	66.8	31.1	74.2
≥	40	52.5	61.0	77.7	95.9	99.8					99.3	85.6	57.9	85.8
≥	35	77.3	83.0	94.2	99.7	100.0					99.9	94.9	83.5	94.3
≥	31	86.1	90.5	97.0	99.9							98.1	89.4	96.7
≥	30	92.8	95.9	99.2	100.0						100.0	99.7	96.0	98.6
≥	25	98.6	99.2	99.9								100.0	99.4	99.8
≥	20	99.6	100.0	100.0									100.0	100.0
≥	15	100.0												100.0
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≥														
≥														
≥														
≥														
≥														
≥														
	MEAN	59.7	61.5	65.0	71.4	79.4	88.4	94.4	93.0	86.8	[illegible]	67.1	61.0	75.7
	S. D.	6.763	6.373	6.630	6.502	6.468	6.432	3.820	3.303	5.229	7.211	8.496	6.516	14.026
	TOTAL OBS.	1054	910	991	960	992	960	1004	1023	989	1021	980	1023	11921

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23160 DAVIS MONTHAN AFB ARIZONA/TUCSON 61-76, 74-76
STATION STATION NAME YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
≥ 95						1.1	1.1	.3					.2
≥ 90					.1	15.3	24.2	7.4	2.8				4.1
≥ 85					4.0	43.2	67.0	30.4	29.1	.8			16.3
≥ 80			.1	1.2	19.7	75.1	95.1	91.8	67.5	10.3			30.2
≥ 75			.2	10.9	54.5	93.6	99.4	99.4	90.4	38.0	.6		40.7
≥ 70	.1	1.7	5.0	33.3	78.0	99.2	100.0	100.0	98.3	64.9	7.6	.2	49.1
≥ 65	2.2	6.9	21.7	61.1	93.3	100.0			100.0	84.0	30.6	2.6	58.6
≥ 60	10.5	25.1	46.9	81.7	98.1					91.7	57.6	17.5	69.3
≥ 55	36.9	50.2	70.1	92.9	99.5					97.2	78.4	42.9	80.6
≥ 50	66.1	74.3	87.1	98.5	99.9					99.5	91.1	71.0	90.6
≥ 45	85.2	91.1	96.9	99.9	100.0					100.0	97.3	89.2	96.6
≥ 40	95.1	97.7	99.6	100.0							99.7	97.2	99.1
≥ 35	99.1	99.8	100.0								100.0	99.4	99.9
≥ 30	99.6	100.0										100.0	100.0
≥ 25	100.0												100.0
MEAN	51.9	54.3	58.4	65.9	74.3	83.3	86.3	84.5	81.3	71.3	60.1	53.0	68.7
S D	5.712	7.137	7.266	7.197	6.384	5.639	4.156	4.597	5.006	7.265	7.188	6.639	14.955
TOTAL OBS.	1074	911	991	960	992	960	1006	1023	989	1023	980	102	11911

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 41-46, 48-76
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							101	100	100	93	85	81	
42	82	79	87	97	103	110	111	104	103	97	89	79	111
43	78	88	92	102	101	105	110	102	105	97	85	75	110
44	78	78	83	88	103	108	108	111	105	99	87	76	111
45	80	79	84	95	99	106	106	107	108	95	91	75	108
46	80	-											
48	85*	73	82	99	100	106	107	105	106	95	82	75	107
49	70	83*	89	97	103	106	104	105	104	94	86	80	106
50	88	80	92	94	95	106	106	107	105	100	87	83	108
51	81	89	81	93	104	105	106	103	102	97	80	77	106
52	78	76	80	91	99	108	109	104	107	93	89	75	109
53	88	79	92	94	99	112	110	108	105	100	89	77	112
54	79	84	86	96	97	109	108	102	104	96	86	84	109
55	76	82	87	89	101	108	109	97	102	101	84	81	109
56	80	76	90	89	100	107	105	103	104	94	83	76	107
57	73	88	85	87	95	108	106	101	101	94	77	74	108
58	75	81	76	93	104	107	109	99	101	93	86	83	109
59	80	77	83	95	99	106	104	100	103	94	79	78	106
60	76	77	87	93	102	112	107	104	101	93	84	79	112
61	75	80	84	97	100	107	104	101	96	93	76	74	107
62	75	83	86	101	98	105	102	106	103	97	84	75	106
63	79	88	86	97	97	102	105	102	100	99	83	71	105
64	75	74	85	92	98	103	105	102	96	94*	82	71	105
65	76	77	85	96	98	101	105	103*	98	97	84	79	105
66	73	71	83	87	98	105*	104	100	98	91	84	79	105
67	80*	82	89	87	98	104	105	102	99	92	86	88	105
68	73	82	82	86	100	109	103	98	100	91	83	79	109
69	81	73	86	95	103	106	106	105	101	94	78	78	106
70	76	79	77	86	100	111	106	100	102	86	84	87	111
71	84	78	90	91	94	105	109	97	101	87	85	79	109
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (Cd)

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23162 (STATION) DAVIS MONTHAN AFB ARIZONA/TUCSON (STATION NAME) 41-46, 48-76 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	77	83	89	92	97	107	108	107	97	97	78	73	108
73	75	76	74	90	99	105	108	104	104	96	87	81	108
74	79	80	87	91	106	111	103	100	101	94	79	72	110
75	77	78	84	88	97	104	102	107	97	95	88	80	107
76	79	81											
MEAN	79.3	79.8	85.2	92.6	99.7	106.4	105.1	102.8	101.9	95.1	83.9	77.3	107.9
S D.	4.055	4.454	4.444	4.272	2.969	2.640	2.542	3.477	3.257	3.479	3.741	3.818	2.139
TOTAL OBS.	1054	910	991	960	992	966	1056	1023	969	1023	980	1023	11911

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

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

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

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23109 DAVIS MONTHAN AFB ARIZONA/TUCSON 41-46, 48-76
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41							* 66	68	51	43	30	28	
42	28	32	33	39	47	61	64	65	63	43	34	33	28
43	31	29	40	42	49	57	67	65	61	37	37	33	29
44	30	32	34	31	49	55	67	66	61	50	33	34	30
45	30	33	32	33	50	56	65	64	53	46	34	27	27
46	29												
48	24	* 34	30	39	50	56	69	70	66	42	31	29	24
49	25	29 *	34	38	51	56	68	67	67	37	39	24	24
50	21	33	38	42	39	58	65	66	57	53	42	35	21
51	27	29	32	39	41	57	70	65	65	47	36	29	27
52	27	26	31	44	52	59	68	65	60	53	44	31	26
53	32	26	32	41	46	58	67	68	62	45	39	31	26
54	33	35	33	40	49	59	70	65	63	46	37	25	25
55	27	23	31	41	46	54	63	69	61	49	34	34	23
56	34	26	31	35	52	64	67	67	66	41	28	30	26
57	33	35	37	41	43	63	72	67	47	49	32	32	32
58	28	33	34	38	53	65	69	70	55	43	26	33	26
59	30	33	35	50	47	62	67	69	59	40	39	31	30
60	27	26	36	41	50	64	70	68	58	46	31	20	20
61	35	36	38	43	52	55	67	64	58	40	32	33	32
62	21	32	29	46	44	50	66	66	61	44	33	37	21
63	24	30	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	26	30	28	41	50	58 *	70	70	65	42	33	24	24
67	21 *	33	4 *	34	37	58	69	69	63	43	38	26	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	27	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
MEAN													
S D.													
TOTAL OBS													

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

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

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23160 | DAVIS MONTHAN AFB ARIZONA/TUCSON | 41-46, 48-76
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	27	32	35	40	50	64	69	66	58	39	34	28	27
73	21	35	33	39	42	57	66	69	57	45	30	27	27
74	31	28	33	40	45	62	69	68	62	46	38	22	22
75	27	27	33	37	41	59	68	69	61	46	33	28	27
76	25	34											
MEAN	27.4	30.5	32.7	39.1	46.7	58.1	67.8	67.2	59.5	43.*	34.0	29.3	25.0
S.D.	4.213	3.866	3.507	4.194	4.382	3.622	2.227	1.911	4.797	5.14*	3.540	4.148	3.524
TOTAL OBS	1054	910	991	960	992	960	1006	1023	989	102*	960	1023	11911

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM AM 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-46,48-70 YEARS — ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB EMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	2	2		
110/109																	.0	26	20		
108/107																	.1	103	163		
106/105																.0	.2	494	494		
104/103												.0		.0	.0	.0	.4	1039	1041		
102/101											.0	.0	.0	.0	.0	.1	.6	1949	1950		
100/ 99								.0		.0	.0	.0	.0	.0	.1	.2	.8	3021	3023		
98/ 97								.0	.0	.0	.0	.0	.0	.1	.2	.2	.8	4024	4027		
96/ 95								.0	.0	.0	.0	.1	.2	.3	.3	.3	.9	5487	5489		
94/ 93								.0	.0	.0	.1	.2	.3	.3	.3	.3	.8	6103	6119		
92/ 91							.0	.0	.0	.1	.2	.3	.3	.3	.2	.3	.8	6961	6972		
90/ 89					.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.3	.7	8043	8058		
88/ 87					.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.3	.4	.5	8192	8206		
86/ 85					.0	.0	.0	.1	.3	.4	.3	.3	.3	.3	.4	.5	.3	9033	9048	1	
84/ 83			.0	.0	.0	.0	.1	.3	.4	.3	.3	.2	.3	.3	.4	.4	.2	9487	9501	4	1
82/ 81				.0	.0	.1	.3	.4	.4	.3	.3	.3	.3	.4	.5	.2	.1	10485	10494	16	
80/ 79			.0	.0	.1	.4	.5	.4	.3	.2	.3	.3	.5	.5	.5	.1	.0	11863	11882	49	-3
78/ 77	.0		.0	.1	.3	.5	.4	.3	.2	.2	.3	.4	.6	.5	.2	.1	.2	11922	11940	98	12
76/ 75		.0	.1	.3	.5	.4	.3	.2	.2	.3	.4	.5	.6	.5	.2	.0		12673	12688	448	25
74/ 73		.0	.2	.4	.3	.2	.2	.2	.3	.3	.5	.6	.6	.3	.1			11850	11860	2058	62
72/ 71	.0	.1	.3	.2	.2	.2	.2	.2	.3	.4	.6	.7	.5	.1	.0			11293	11302	6753	287
70/ 69	.0	.1	.2	.1	.1	.1	.2	.2	.4	.6	.8	.7	.3	.1	.0	.0		10803	10810	14287	1499
68/ 67	.0	.1	.1	.1	.1	.1	.2	.3	.5	.7	.8	.5	.2	.0				10079	10085	16213	4018
66/ 65	.0	.0	.1	.1	.1	.1	.3	.4	.6	.8	.7	.3	.1	.0				9973	9973	13733	6021
64/ 63	.0	.0	.0	.1	.1	.2	.3	.5	.7	.8	.6	.2	.0					10036	10039	11172	7288
62/ 61	.0	.0	.1	.1	.1	.3	.4	.6	.7	.7	.3	.1	.0					9696	9698	10549	7669
60/ 59	.0	.0	.1	.1	.2	.4	.5	.7	.9	.5	.2	.0						10414	10417	11656	7707
58/ 57	.0	.0	.1	.2	.3	.5	.6	.8	.7	.3	.1	.0						9920	9922	12736	6955
56/ 55	.0	.1	.1	.2	.4	.5	.7	.8	.5	.2	.0							10197	10199	14467	6693
54/ 53	.0	.1	.2	.3	.5	.6	.8	.6	.4	.1	.0							9854	9857	15631	6203
52/ 51	.0	.1	.2	.3	.5	.6	.7	.5	.2	.0	.0							9454	9456	17050	6405
50/ 49	.0	.2	.3	.5	.6	.7	.6	.4	.1	.0								9348	9349	16220	6629
48/ 47	.0	.2	.4	.5	.6	.6	.5	.2	.0	.0								8348	8352	19133	7270
46/ 45	.0	.3	.5	.5	.5	.4	.3	.1	.0									7532	7535	19144	6757

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-46,48-76 YEARS — ALL 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	.0	.3	.4	.4	.4	.3	.2	.0	.0									6098	6099	17304	9981
42/ 41	.0	.3	.4	.3	.4	.2	.1	.0										5119	5121	15847	10900
40/ 39	.0	.3	.3	.3	.3	.2	.0	.0										4419	4419	13547	12558
38/ 37	.0	.2	.3	.2	.2	.1	.0											3057	3058	10441	14178
36/ 35	.0	.2	.2	.2	.1	.1	.0											2246	2246	8001	15131
34/ 33	.0	.2	.1	.1	.1	.0	.0											1447	1448	5649	15931
32/ 31	.0	.1	.1	.1	.0	.0												791	793	3984	16558
30/ 29	.0	.1	.1	.0	.0													513	514	2286	16576
28/ 27	.0	.0	.0	.0	.0													274	274	1228	14110
26/ 25	.0	.0	.0	.0	.0													130	131	655	14856
24/ 23	.0	.0	.0	.0														60	62	346	12554
22/ 21		.0	.0	.0														30	30	145	10869
20/ 19		.0	.0	.0														13	13	73	8389
18/ 17		.0	.0															4	4	29	7673
16/ 15																				12	5904
14/ 13																				1	4200
12/ 11																					3303
10/ 9																					2328
8/ 7																					1608
6/ 5																					1134
4/ 3																					631
2/ 1	.0																				422
0/ -1																					289
-2/ -3																					131
-4/ -5																					112
-6/ -7																					61
-8/ -9																					36
-10/-11																					17
-12/-13																					6
-14/-15																					4
-16/-17																					2
-20/-21																					2
TOTAL	.3	3.2	4.8	5.8	6.9	7.8	8.4	8.5	8.3	7.8	7.3	6.3	5.6	4.7	4.0	3.3	7.1	283966	284192	283967	283958

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.	520760604	10590826	37.3	21.044	283955							
Dry Bulb	1407537791	19420679	68.3	16.820	284192		55.1	4804.4	3809.7	2509.3	693.6	8760
Wet Bulb	803693036	14768790	52.0	11.194	283967		266.4	1233.0	82.6	1.2		8760
Dew Point	454085195	10513495	37.0	15.109	283958	20.3	3759.2	182.3	3.1	.2		8760

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

☆ U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 YEARS — JAN MONTH

PAGE 1 — 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				
88/ 87													.0				.0	2	2		
86/ 85											.0			.0		.0		3	3		
84/ 83												.0		.0	.0			7	7		
82/ 81											.0	.0	.0	.0	.0			18	18		
80/ 79										.0	.0	.0	.0	.1	.0	.0		51	51		
78/ 77									.0	.0	.0	.1	.1	.1	.1	.0		105	105		
76/ 75								.0	.0	.0	.1	.1	.2	.2	.1	.0		167	167		
74/ 73								.0	.0	.1	.1	.2	.3	.2	.1			249	249		
72/ 71							.0	.0	.1	.1	.3	.4	.4	.2	.0			389	389		
70/ 69						.0	.0	.0	.1	.3	.6	.5	.3	.1				516	516		
68/ 67					.0	.0	.0	.1	.2	.7	.7	.5	.2	.0				626	626		
66/ 65					.0	.1	.1	.2	.6	.7	.8	.4	.1					729	729	1	
64/ 63				.0	.1	.1	.3	.5	.8	.9	.6	.2	.0					866	866	3	
62/ 61			.0	.1	.1	.3	.5	.8	1.0	.9	.4	.1						1027	1027	7	
60/ 59			.1	.1	.3	.5	.7	1.0	1.0	.8	.2	.0						1203	1203	40	
58/ 57		.0	.1	.2	.4	.7	1.0	1.2	1.0	.5	.1	.0						1313	1313	79	
56/ 55		.1	.2	.4	.7	1.0	1.3	1.3	.9	.3	.0							1546	1547	218	6
54/ 53		.1	.3	.4	1.0	1.2	1.5	1.0	.7	.1	.0							1607	1607	408	50
52/ 51	.0	.3	.4	.7	1.3	1.3	1.3	.9	.4	.0								1695	1695	863	134
50/ 49	.0	.4	.7	1.1	1.5	1.6	1.1	.7	.2	.0								1844	1844	1642	160
48/ 47	.0	.6	.8	1.4	1.6	1.4	1.1	.4	.1									1830	1830	2134	303
46/ 45	.1	.6	1.3	1.6	1.6	1.2	.9	.3										1853	1853	2563	492
44/ 43	.1	.9	1.1	1.4	1.2	1.0	.6	.1										1643	1643	2656	639
42/ 41	.1	.9	1.1	1.2	1.3	.8	.3	.0										1417	1418	2906	762
40/ 39	.1	.9	1.2	1.1	1.0	.6	.2											1280	1280	2742	1159
38/ 37	.2	.9	1.0	.9	.6	.4	.1											1008	1008	2289	1569
36/ 35	.1	.7	.8	.6	.4	.3	.0											757	757	1977	1595
34/ 33	.1	.7	.5	.4	.3	.1												533	533	1563	1980
32/ 31	.1	.4	.3	.3	.2	.0												309	310	1212	2040
30/ 29	.0	.3	.3	.2	.1													223	223	709	2083
28/ 27	.0	.2	.2	.2	.0													146	146	474	1735
26/ 25		.1	.1	.1	.0													75	75	294	1846
24/ 23		.0	.1	.1														35	37	159	1557
22/ 21		.0	.0	.0														26	26	83	1387

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 O nnS /CM ARE OBSOLETE

USAFETAC JUL 64

☆ U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46.48-76 YEARS — JAN MONTH

PAGE 2 — 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		.0	.0	.0														12	12	53	1241
18/ 17		.0	.0															4	4	26	1202
16/ 15																				12	783
14/ 13																				1	589
12/ 11																					494
10/ 9																					325
8/ 7																					270
6/ 5																					227
4/ 3																					150
2/ 1																					108
0/ -1																					99
-2/ -3																					57
-4/ -5																					30
-6/ -7																					19
-8/ -9																					18
-10/-11																					5
TOTAL	1.0	8.2	10.6	12.4	13.8	12.6	11.0	8.7	7.0	5.4	3.9	2.5	1.7	.9	.3	.1	.0	25114	25119	25114	25114

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.	67017222	1174110	46.8	21.973	25113							
Dry Bulb	67484483	1273875	50.7	10.711	25119		24.7	63.2	17.8	1.7		744
Wet Bulb	43025538	1025084	40.8	6.868	25114		89.6					744
Dew Point	22478989	705777	28.1	10.262	25114	6.8	481.8					744

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

USAFETAC

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 YEARS | FEB 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
90/ 89															.0			1	1		
88/ 87													.0	.0	.0	.0	.0	10	10		
86/ 85												.0	.0	.0	.0	.0	.0	13	13		
84/ 83											.0	.0	.0	.0	.0	.0	.0	29	29		
82/ 81											.0	.0	.0	.1	.1	.1	.1	73	73		
80/ 79										.0	.0	.1	.1	.1	.2	.1	.1	144	144		
78/ 77									.0	.0	.1	.1	.2	.2	.2	.1		206	206		
76/ 75									.0	.1	.1	.3	.2	.4	.2	.0		316	316		
74/ 73								.0	.1	.1	.2	.3	.4	.4	.1			383	383		
72/ 71							.0	.1	.1	.3	.4	.7	.6	.3	.1			538	538		
70/ 69						.0	.0	.2	.2	.5	.6	.6	.4	.2				615	615		
68/ 67						.0	.1	.2	.4	.6	.8	.6	.3	.1				684	684		
66/ 65					.0	.1	.3	.4	.7	.8	.8	.6	.2	.0				859	859		
64/ 63					.1	.3	.3	.6	.8	1.1	.9	.4	.1					993	993	8	
62/ 61				.0	.2	.4	.5	.7	1.0	.9	.7	.1	.0					1010	1011	14	
60/ 59		.0	.0	.2	.4	.6	.8	1.1	1.3	.8	.5	.1						1205	1205	43	
58/ 57		.0	.1	.3	.4	.6	1.1	1.3	1.1	.9	.2	.0						1283	1284	147	1
56/ 55		.1	.3	.4	.6	.9	1.4	1.4	.9	.5	.2							1432	1432	337	1
54/ 53		.2	.4	.6	.8	1.2	1.4	1.2	.8	.2	.0							1465	1465	693	20
52/ 51	.0	.2	.5	.7	.8	1.4	1.4	.8	.6	.1	.0							1433	1433	1121	96
50/ 49	.0	.3	.7	.8	1.4	1.4	1.0	1.0	.2	.0								1523	1524	1636	196
48/ 47	.0	.6	.7	1.2	1.4	1.2	.9	.6	.1	.0								1449	1452	1950	382
46/ 45	.0	.6	.8	1.1	1.3	1.1	.7	.4	.1									1320	1320	2325	513
44/ 43	.0	.6	.7	1.2	1.0	.8	.5	.1	.0									1069	1069	2436	674
42/ 41	.0	.7	.9	.8	.9	.6	.4	.0										949	949	2369	770
40/ 39	.0	.7	.8	.8	.8	.6	.1	.0										853	853	2207	884
38/ 37	.1	.5	.6	.6	.6	.3	.1											604	604	1794	1104
36/ 35	.1	.5	.0	.5	.4	.2	.0											494	494	1492	1220
34/ 33	.0	.4	.4	.3	.2	.1	.0											324	324	1053	1535
32/ 31	.0	.2	.3	.2	.2	.0												180	180	847	1639
30/ 29	.0	.1	.2	.2	.1													132	132	564	1577
28/ 27		.0	.1	.1														43	43	301	1280
26/ 25		.0	.1	.0														28	28	179	1484
24/ 23		.0	.0															8	8	121	1335

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (YEARS) FEB (MONTH)

 ALL (HOURS (C. 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
22/ 21																				28	1271
20/ 19																				3	1039
18/ 17																					986
16/ 15																					871
14/ 13																					646
12/ 11																					567
10/ 9																					533
8/ 7																					384
6/ 5																					320
4/ 3																					141
2/ 1																					91
0/ -1																					59
-2/ -3																					23
-4/ -5																					12
-6/ -7																					11
TOTAL	.4	5.7	8.4	9.9	11.6	11.6	11.1	10.2	8.4	7.0	5.7	4.0	2.6	1.8	1.0	.4	.2		21674		21665
																		21668		21668	

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.	48143930	906566	41.8	21.708	21665							
Dry Bulb	65112466	1163156	53.7	11.142	21674		12.1	93.4	36.4	5.6		672
Wet Bulb	39417992	912052	42.1	6.887	21668		63.4					672
Dew Point	18951767	595967	27.5	10.866	21665	3.3	442.6					672

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.0	2	2		
90/ 89															.0	.0	.1	28	28		
88/ 87											.0					.0	.2	49	50		
86/ 85										.0		.0		.0	.1	.2	.2	106	106		
84/ 83											.0	.0	.0	.1	.2	.4	.2	204	205		
82/ 81								.0			.0	.0	.1	.2	.5	.5	.2	346	346		
80/ 79										.0	.0	.1	.3	.5	.8	.1	.0	439	440		
78/ 77								.0	.0	.0	.1	.2	.5	.8	.4	.1	.0	525	526		
76/ 75								.0	.0	.1	.2	.5	.9	1.0	.2	.0		684	685		
74/ 73								.0	.1	.1	.4	.8	1.1	.6	.1			773	773		
72/ 71								.0	.1	.3	.7	1.1	1.1	.2	.0			868	868		
70/ 69						.0	.0	.1	.3	.7	1.1	1.2	.6	.1	.0			987	987		
68/ 67						.0	.1	.2	.5	1.0	1.1	1.0	.3	.0				1025	1025	3	
66/ 65					.0	.1	.2	.4	.8	1.2	1.2	.6	.1	.0				1089	1089	2	
64/ 63				.0	.0	.2	.3	.8	1.1	1.3	1.1	.3	.1					1240	1241	3	
62/ 61			.0	.1	.1	.2	.6	1.0	1.2	1.3	.5	.1	.0					1231	1231	13	1
60/ 59		.0	.0	.2	.3	.5	.9	1.4	1.6	1.0	.4	.0						1452	1452	48	
58/ 57		.0	.1	.3	.4	.7	1.2	1.5	1.3	.6	.1	.0						1467	1467	220	3
56/ 55		.1	.2	.3	.6	.9	1.4	1.4	1.0	.4	.0							1477	1477	649	15
54/ 53		.1	.3	.4	.8	1.2	1.4	1.3	.7	.1	.0							1511	1512	1263	33
52/ 51		.1	.4	.7	1.1	1.2	1.4	1.0	.4	.1								1494	1494	2008	89
50/ 49	.0	.2	.5	.9	1.2	1.3	1.3	.7	.2									1491	1491	2491	168
48/ 47		.2	.9	1.0	1.1	1.0	.8	.4	.1									1296	1296	2540	266
46/ 45	.0	.4	.9	.8	.7	.7	.5	.3	.0									1030	1030	2839	371
44/ 43	.0	.6	.9	.6	.6	.6	.4	.1										881	881	2790	490
42/ 41	.1	.7	.6	.4	.6	.4	.2	.0										695	695	2551	848
40/ 39	.1	.6	.4	.4	.4	.3	.1											543	543	2192	1192
38/ 37	.1	.4	.3	.4	.3	.1	.0											367	368	1533	1446
36/ 35	.0	.2	.2	.2	.1	.0	.0											201	201	1001	1629
34/ 33	.0	.1	.1	.1	.1	.0												117	117	680	1686
32/ 31	.0	.1	.0	.1	.1	.0												56	57	473	1767
30/ 29	.0	.0	.0	.0	.0													17	17	236	1813
28/ 27		.0	.0	.0	.0													11	11	92	1650
26/ 25				.0														4	4	50	1802

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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																				13	1628
22/ 21				.0														1	1	10	1528
20/ 19																				6	1109
18/ 17																				1	1096
16/ 15																					928
14/ 13																					662
12/ 11																					477
10/ 9																					359
8/ 7																					255
6/ 5																					141
4/ 3																					110
2/ 1																					56
0/ -1																					36
-2/ -3																					7
-4/ -5																					20
-6/ -7																					10
-8/ -9																					7
-10/-11																					3
-12/-13																					1
-14/-15																					2
-16/-17																					1
-20/-21																					2
TOTAL	.3	3.9	6.1	6.7	8.5	9.6	10.8	10.4	9.5	8.1	6.9	6.0	5.1	3.6	2.4	1.3	.9	23707	23716	23707	23707

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.	42976272	877102	37.0	21.071	23707							
Dry Bulb	83616763	1380657	58.2	11.689	23716		2.8	189.5	90.2	28.7		744
Wet Bulb	47701173	1053005	44.4	6.261	23707		27.6	.1				744
Dew Point	20971120	664766	28.0	9.915	23707	2.8	485.5					744

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

☆ U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | APR 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				
102/101																	.0	2	2		
100/ 99																	.0	2	2		
98/ 97																	.1	12	12		
96/ 95																	.3	58	58		
94/ 93																	.6	130	130		
92/ 91															.0	.0	.7	183	183		
90/ 89													.0	.0	.0	.1	1.1	293	293		
88/ 87													.0	.0	.1	.5	1.0	374	374		
86/ 85											.0	.0	.0	.1	.5	1.1	.7	554	554		
84/ 83									.0	.0	.0	.0	.1	.4	.9	1.2	.5	739	739		
82/ 81									.0	.0	.0	.1	.3	.9	1.4	.7	.5	898	898		
80/ 79									.0	.0	.1	.2	.6	1.3	1.5	.3	.3	993	993		
78/ 77								.0	.0	.0	.2	.5	1.0	1.5	.8	.2		983	983		
76/ 75							.0	.0	.0	.1	.4	.9	1.5	1.4	.4	.2		1129	1130		
74/ 73							.0	.0	.1	.3	.6	1.2	1.3	.8	.3			1037	1037		
72/ 71						.0	.0	.1	.2	.4	1.0	1.3	1.3	.4	.1			1114	1114		
70/ 69						.0	.1	.2	.4	.8	1.5	1.7	.7	.2	.0	.0		1276	1276		
68/ 67						.0	.2	.3	.5	1.1	1.7	1.2	.4	.0				1240	1240	2	
66/ 65				.0	.0	.1	.3	.5	1.0	1.4	1.5	.7	.1	.0				1302	1302	16	
64/ 63				.0	.1	.2	.4	.8	1.4	1.5	1.2	.5	.1					1385	1385	16	
62/ 61			.0	.1	.2	.3	.4	.9	1.3	1.5	.5	.2	.0					1248	1248	90	
60/ 59			.0	.1	.2	.4	.8	1.4	1.7	1.0	.4	.0						1351	1351	410	3
58/ 57		.0	.1	.1	.2	.6	.9	1.3	1.5	.6	.2	.0						1245	1245	1107	4
56/ 55		.0	.1	.1	.5	.7	1.1	1.4	.8	.3	.1							1228	1228	1730	25
54/ 53		.0	.2	.2	.4	.7	1.1	1.0	.6	.2	.0							1035	1035	2224	43
52/ 51		.1	.1	.3	.5	.7	1.0	.7	.3	.1								868	868	2525	73
50/ 49		.1	.3	.4	.3	.7	.7	.4	.2	.0								737	737	2789	160
48/ 47	.0	.2	.3	.4	.3	.5	.5	.2	.1									563	563	2764	255
46/ 45		.1	.2	.2	.3	.4	.2	.2	.0									383	383	2580	359
44/ 43	.0	.1	.2	.1	.2	.2	.1	.0										215	215	2093	475
42/ 41	.0	.2	.2	.1	.1	.1	.0	.0										158	158	1729	604
40/ 39	.0	.2	.1	.1	.1	.1	.0											106	106	1172	796
38/ 37	.0	.1	.1	.1	.0	.0	.0											53	53	828	1101
36/ 35	.0	.0		.0	.0													12	12	472	1273

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 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
34/ 33		.0			.0													2	2	226	1444
32/ 31																				94	1722
30/ 29																				32	1992
28/ 27																				5	1824
26/ 25																				4	2053
24/ 23																					1860
22/ 21																					1756
20/ 19																					1446
18/ 17																					1150
16/ 15																					792
14/ 13																					497
12/ 11																					457
10/ 9																					332
8/ 7																					157
6/ 5																					95
4/ 3																					68
2/ 1																					44
0/ -1																					27
-2/ -3																					4
-4/ -5																					7
-6/ -7																					1
-8/ -9																					3
-10/-11																					2
-14/-15																					1
TOTAL	.1	1.2	1.9	2.3	3.4	5.5	7.9	9.5	10.1	9.6	9.3	8.5	7.5	7.0	6.0	4.4	5.7	22908	22909	22908	22905

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.	23217696	622176	27.2	16.608	22905							
Dry Bulb	104152429	1519715	66.3	12.073	22909			346.3	232.2	119.2	6.4	720
Wet Bulb	53302066	1096204	47.9	6.077	22908		4.2	.1				720
Dew Point	19358293	630843	27.5	9.307	22905	1.4	512.1					720

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

☆ U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY 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				
~~108/107~~																	0				
106/105																	.0	4	4		
104/103																	.1	21	21		
102/101																	.2	48	48		
100/ 99																	.5	109	109		
98/ 97															.0	.0	.9	225	225		
96/ 95													.0	.0	.0	.1	1.9	469	469		
94/ 93											.0	.0	.0	.0	.0	.2	2.7	691	693		
92/ 91											.0	.0	.0	.0	.1	.2	3.4	902	906		
90/ 89											.0	.0	.0	.1	.2	.8	3.4	1094	1097		
88/ 87											.0	.0	.1	.2	.6	1.4	2.7	1210	1212		
86/ 85								.0		.0	.0	.1	.2	.6	1.1	2.1	1.2	1249	1256		
84/ 83								.0	.0	.0	.0	.1	.4	.8	1.5	1.6	.7	1194	1195		
82/ 81									.0	.0	.1	.2	.6	1.1	1.8	.8	.5	1215	1218		
80/ 79								.0	.0	.1	.2	.5	1.1	1.7	1.5	.4	.1	1316	1318		
78/ 77							.0	.0	.1	.1	.5	.9	1.3	1.5	.7	.1		1231	1232		
76/ 75							.0	.0	.1	.3	.7	1.2	1.6	1.3	.4	.1		1333	1336		
74/ 73						.0	.0	.0	.2	.4	1.0	1.3	1.4	.7	.2			1286	1286	2	
72/ 71						.0	.1	.1	.4	.6	1.3	1.4	1.0	.3	.1			1255	1256	9	
70/ 69	.0				.0	.1	.1	.2	.5	1.0	1.7	1.3	.6	.1				1317	1318	25	
68/ 67				.0	.0	.1	.2	.4	.8	1.3	1.5	1.0	.4	.0				1346	1346	41	
66/ 65	.0	.0	.0	.1	.1	.1	.3	.5	.8	1.4	1.3	.6	.1					1253	1253	124	3
64/ 63		.0	.0	.1	.0	.1	.3	.6	1.0	1.3	1.1	.4	.1					1170	1172	367	2
62/ 61	.0	.0	.0	.0	.1	.2	.4	.6	1.1	1.1	.5	.1						967	967	906	12
60/ 59		.0	.0	.0	.1	.3	.4	.6	1.0	.7	.2	.0						791	791	1838	28
58/ 57		.0		.0	.1	.2	.3	.6	.8	.4	.1							590	590	2620	51
56/ 55		.0		.0	.1	.2	.4	.6	.5	.2	.0							486	486	3058	68
54/ 53			.0	.1	.2	.1	.2	.4	.3	.1								322	322	2979	92
52/ 51		.0	.0	.1	.1	.1	.2	.2	.1	.0								202	202	2724	103
50/ 49		.0	.0	.0	.1	.1	.1	.2	.1									141	141	2554	181
48/ 47		.0	.0	.0	.0	.0	.1	.1	.0									79	79	2023	288
46/ 45	.0	.0	.0	.0	.0	.0	.1	.0										48	48	1676	450
44/ 43	.0	.0	.0		.0	.0	.0	.0										28	28	1170	648
42/ 41	.0	.0	.0		.0	.0	.0											14	14	732	839

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45.48-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39				.0	.0		.0											5	5	394	1056
38/ 37						.0												1	1	203	1239
36/ 35																				90	1574
34/ 33																				49	1804
32/ 31																				23	2065
30/ 29																				6	2221
28/ 27																				1	1970
26/ 25																					2077
24/ 23																					1720
22/ 21																					1342
20/ 19																					960
18/ 17																					822
16/ 15																					636
14/ 13																					485
12/ 11																					341
10/ 9																					191
8/ 7																					146
6/ 5																					101
4/ 3																					39
2/ 1																					30
0/ -1																					13
-2/ -3																					5
-4/ -5																					2
-6/ -7																					2
TOTAL	.0	.1	.2	.5	1.0	1.7	3.0	5.1	7.8	9.2	10.3	9.4	8.9	8.4	8.0	7.8	18.4	23614	23646	23614	23614

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.	13551773	494443	20.9	11.639	23614							
Dry Bulb	137030245	1778391	75.2	11.777	23646			552.1	428.7	289.0	49.4	744
Wet Bulb	65014459	1230941	52.1	5.994	23614		.9	2.4	.1			744
Dew Point	22495191	694431	29.4	9.371	23614	.7	478.1					744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 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	2	2		
110/109																	.1	16	16		
108/107																	.4	102	102		
106/105																	1.0	236	236		
104/103														.0	.0	.0	1.9	440	440		
102/101												.0	.0	.0	.0	.0	2.9	670	670		
100/ 99											.0		.0	.0	.0	.1	3.9	927	927		
98/ 97													.0	.1	.2	.4	4.0	1051	1051		
96/ 95												.0	.0	.1	.4	.6	4.2	1230	1230		
94/ 93											.0	.0	.1	.3	.5	.8	4.0	1326	1328		
92/ 91										.0	.0	.1	.2	.5	.7	.9	3.1	1277	1278		
90/ 89									.0	.0	.1	.3	.4	.6	1.0	1.3	2.7	1456	1458		
88/ 87									.0	.1	.2	.3	.6	.6	1.0	1.5	1.5	1325	1327		
86/ 85								.0	.1	.2	.4	.5	.6	1.0	1.1	1.4	.5	1332	1332		
84/ 83							.0	.1	.2	.3	.5	.6	.9	1.0	1.3	.8	.2	1338	1339		
82/ 81						.0	.1	.2	.3	.4	.6	.7	.8	1.1	1.2	.3	.1	1315	1316		
80/ 79					.0	.0	.2	.2	.4	.4	.6	.9	1.2	1.2	.6	.1	.0	1329	1330	3	
78/ 77				.0	.0	.2	.2	.2	.2	.4	.5	.8	1.3	.8	.3	.1		1143	1143	2	
76/ 75				.0	.1	.1	.2	.2	.3	.5	.8	1.1	1.1	.5	.1			1151	1152	4	
74/ 73		.0	.0	.1	.1	.2	.2	.2	.3	.5	1.0	1.1	1.0	.2	.1			1153	1155	26	1
72/ 71		.0	.1	.1	.1	.1	.2	.2	.4	.6	1.0	1.0	.5	.1	.0			964	967	109	4
70/ 69		.0	.0	.0	.1	.1	.1	.3	.4	.8	1.1	.8	.2	.0				914	915	508	5
68/ 67		.0	.0	.0	.1	.0	.1	.2	.4	.7	.8	.5	.1					656	657	1187	32
66/ 65		.0	.0	.1	.1	.1	.1	.2	.4	.8	.5	.2	.0					571	571	1919	88
64/ 63		.0	.1	.1	.0	.0	.1	.2	.4	.4	.3	.0	.0					364	364	2338	163
62/ 61		.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.0						256	256	2537	252
60/ 59		.0	.0	.0	.0	.0	.1	.2	.2	.1	.0							159	159	2892	308
58/ 57		.0	.0	.0	.0	.0	.0	.1	.1	.0	.0							73	73	2745	396
56/ 55					.0	.0	.0	.1	.0									23	23	2386	496
54/ 53							.0	.0										6	6	1890	588
52/ 51						.0												1	1	1470	747
50/ 49						.0												1	1	1208	802
48/ 47																				800	877
46/ 45																				484	1044

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) REVS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN MONTH

PAGE 2 | 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																				215	1218
42/ 41																				77	1276
40/ 39																				8	1458
38/ 37																					1522
36/ 35																					1812
34/ 33																					1751
32/ 31																					1735
30/ 29																					1527
28/ 27																					1100
26/ 25																					1099
24/ 23																					808
22/ 21																					608
20/ 19																					307
18/ 17																					297
16/ 15																					163
14/ 13																					109
12/ 11																					68
10/ 9																					34
8/ 7																					27
6/ 5																					18
4/ 3																					10
2/ 1																					9
0/ -1																					4
-2/ -3																					1
-4/ -5																					1
-6/ -7																					2
-8/ -9																					
TOTAL		.1	.2	.4	.7	1.0	1.6	2.9	4.3	6.5	8.6	9.0	9.1	8.1	8.5	8.4	30.5	22807	22825	22808	22807

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	14138758	493736	21.6	12.300	22807
Dry Bulb	164240573	1919353	84.1	11.159	22825
Wet Bulb	78168213	1327963	58.2	6.103	22808
Dew Point	34752120	854186	37.5	11.002	22807

Mean No. of Hours with Temperature

	≤ 0 C	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			674.1	594.0	466.3	189.3	720
Wet Bulb			58.1	1.1	.0		720
Dew Point	.3	250.2	1.3	.0			720

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

☆ U. S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
110/109																	.0	7	7		
108/107																	.2	42	42		
106/105																.0	.7	178	178		
104/103															.0	.1	1.6	403	404		
102/101												.0	.0	.1	.1	.4	2.5	736	736		
100/ 99										.0	.0	.0	.1	.2	.6	.8	2.5	976	977		
98/ 97								.0	.0	.0	.0	.1	.3	.7	1.2	1.0	1.6	1167	1169		
96/ 95									.0	.0	.1	.3	.8	1.4	1.2	.8	1.1	1352	1353		
94/ 93								.0	.0	.1	.2	.7	1.2	1.2	.8	.5	.6	1271	1279		
92/ 91							.0	.0	.1	.3	.8	1.4	1.4	.9	.6	.4	.3	1500	1501		
90/ 89					.0	.0	.0	.1	.3	.7	1.5	1.5	1.1	.6	.4	.3	.2	1567	1570		
88/ 87					.0	.0	.0	.2	.7	1.4	1.5	1.0	.6	.4	.3	.1	.1	1517	1520		
86/ 85					.0	.0	.2	.6	1.5	1.6	1.3	.7	.4	.3	.1	.1	.0	1607	1611		
84/ 83			.0	.0	.0	.2	.6	1.4	1.7	1.4	.8	.4	.3	.2	.1	.0	.0	1721	1723	3	
82/ 81				.0	.1	.6	1.5	2.0	1.5	.9	.4	.3	.2	.1	.1	.0	.0	1850	1850	4	
80/ 79			.0	.1	.6	1.9	2.2	1.7	.9	.4	.3	.2	.1	.1	.0	.0		2028	2034	29	2
78/ 77			.0	.6	1.6	2.1	1.5	.6	.3	.2	.2	.1	.1	.1	.0	.0		1812	1822	62	7
76/ 75		.0	.5	1.6	1.9	1.2	.6	.3	.2	.2	.2	.1	.1	.0	.0			1663	1669	197	15
74/ 73		.1	1.1	1.4	1.1	.5	.2	.1	.1	.1	.1	.1	.1		.0			1193	1196	855	40
72/ 71	.0	.5	1.2	.7	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0				751	751	2731	146
70/ 69	.1	.3	.4	.2	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0				302	302	5824	676
68/ 67	.0	.1	.0	.0	.0			.0	.0	.0	.0							64	64	5817	1611
66/ 65	.0	.0						.0		.0								10	10	3721	2201
64/ 63		.0																2	2	1876	2475
62/ 61																				1049	2569
60/ 59																				646	2547
58/ 57																				323	2110
56/ 55																				244	1835
54/ 53																				172	1424
52/ 51																				114	1130
50/ 49																				41	888
48/ 47																				7	678
46/ 45																				4	744
44/ 43																					576

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AEB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | JUL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
42/ 41																					442
40/ 39																					608
38/ 37																					318
36/ 35																					255
34/ 33																					183
32/ 31																					136
30/ 29																					100
28/ 27																					74
26/ 25																					39
24/ 23																					38
22/ 21																					18
20/ 19																					11
18/ 17																					9
16/ 15																					7
14/ 13																					3
10/ 9																					1
6/ 5																					1
TOTAL	.1	1.0	3.3	4.6	5.7	6.7	7.1	7.2	7.4	7.6	7.7	7.1	6.7	6.2	5.6	4.5	11.4	23720	23771	23720	23719

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.	51493825	999365	42.1	19.894	23719							
Dry Bulb	177113414	2040912	85.9	8.908	23771			743.6	708.6	533.5	192.3	744
Wet Bulb	107464935	1593687	67.2	4.050	23720			486.9	36.1	.7		744
Dew Point	78623330	1368244	56.8	9.151	23719		13.8	78.3	2.0	.1		744

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 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
110/109																	.0	3	3		
108/107																	.1	15	15		
106/105																	.2	49	49		
104/103												.0			.0	.0	.4	106	107		
102/101											.0	.0	.0	.0	.0	.2	.9	302	303		
100/ 99								.0		.0	.0	.0	.0	.2	.4	.6	1.2	611	612		
98/ 97								.0	.0	.0	.0	.0	.3	.6	.8	.7	1.1	887	888		
96/ 95								.0	.0	.0	.1	.4	.9	1.1	1.0	.6	.9	1242	1243		
94/ 93									.0	.1	.4	1.1	1.4	1.2	.7	.4	.4	1399	1399		
92/ 91							.0	.0	.1	.4	1.1	1.6	1.2	.7	.4	.3	.2	1441	1443		
90/ 89						.0	.0	.1	.4	1.2	1.7	1.3	.8	.5	.4	.2	.0	1597	1602		
88/ 87							.0	.3	1.1	1.8	1.3	.8	.5	.3	.2	.1	.0	1546	1550		
86/ 85						.0	.2	.9	2.0	1.6	1.1	.5	.3	.2	.1	.0	.0	1644	1647	1	
84/ 83					.0	.1	.7	2.0	1.6	1.1	.5	.3	.2	.1	.0	.0		1631	1636	1	1
82/ 81				.0	.1	.8	2.0	1.9	1.2	.7	.4	.2	.1	.0	.0	.0		1877	1881	12	
80/ 79			.0	.1	.7	2.1	2.7	1.6	.9	.4	.3	.2	.1	.0	.0			2250	2257	16	1
78/ 77	.0		.0	.7	2.0	2.5	1.9	1.0	.5	.4	.2	.2	.0	.0				2288	2292	31	4
76/ 75		.0	.4	1.7	2.5	1.7	.9	.5	.3	.2	.1	.0	.0					2077	2078	210	9
74/ 73		.1	1.3	2.1	1.5	.8	.3	.3	.3	.1	.1	.0	.0					1696	1696	1051	19
72/ 71	.0	.4	1.6	1.1	.5	.3	.2	.1	.1	.1	.0	.0						1129	1129	3348	120
70/ 69	.0	.4	.7	.4	.1	.1	.1	.1	.0	.0	.0							463	463	6196	722
68/ 67	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0							144	144	5810	2068
66/ 65	.0	.0	.0	.0	.0	.0	.0	.0	.0									35	35	3544	2946
64/ 63			.0															1	1	1919	3397
62/ 61																				1046	3136
60/ 59																				617	2791
58/ 57																				345	2087
56/ 55																				170	1699
54/ 53																				75	1178
52/ 51																				40	937
50/ 49																				11	774
48/ 47																					661
46/ 45																					522
44/ 43																					453

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 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
42/ 41																					324
40/ 39																					202
38/ 37																					139
36/ 35																					110
34/ 33																					64
32/ 31																					33
30/ 29																					16
28/ 27																					3
26/ 25																					1
TOTAL	.1	1.1	4.3	6.1	7.7	8.5	9.3	8.8	8.6	8.0	7.5	6.8	5.8	5.0	4.0	3.2	5.4		24473		24432
																		24433		24433	

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.	62999848	1152052	47.2	18.843	24431							
Dry Bulb	173729241	2051663	83.8	8.410	24473			742.9	690.1	473.0	140.4	744
Wet Bulb	111843029	1650551	67.6	32.728	24433			507.5	40.3	.5		744
Dew Point	86517623	1442723	59.1	7.362	24432		1.6	89.7	1.0	.1		744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — SEP 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																	.0	3	3		
106/105																	.1	27	27		
104/103														.0	.0	.0	.3	69	69		
102/101														.0		.1	.8	190	190		
100/ 99												.0	.0	.0	.1	.3	1.2	383	383		
98/ 97													.0	.2	.3	.5	1.7	638	638		
96/ 95											.0	.1	.2	.4	.7	.9	1.9	978	978		
94/ 93										.0	.0	.1	.4	.8	.9	1.0	1.2	1039	1043		
92/ 91									.0	.0	.2	.6	.9	1.0	.9	.8	.8	1192	1195		
90/ 89								.0	.0	.2	.5	.9	1.0	1.0	1.0	.6	.4	1316	1318		
88/ 87							.0	.0	.2	.5	.9	1.1	1.1	1.0	.6	.4	.2	1362	1364		
86/ 85					.0	.0	.1	.2	.5	.9	1.1	1.0	.9	.9	.4	.3	.1	1464	1465		
84/ 83				.0		.0	.1	.5	.7	1.0	1.1	.9	.8	.6	.3	.1	.0	1429	1431		
82/ 81					.0	.1	.3	.8	1.0	1.0	1.0	.9	.5	.4	.2	.0	.0	1489	1490		
80/ 79				.0	.1	.4	.7	1.0	1.1	.9	.9	.7	.4	.3	.1	.0		1574	1576	1	
78/ 77			.0	.0	.3	.8	1.1	1.2	1.1	.9	.8	.5	.4	.1	.0			1731	1733	3	1
76/ 75			.0	.3	.9	1.1	1.1	1.1	1.0	.9	.7	.5	.2	.1	.0			1855	1857	30	1
74/ 73		.0	.1	.6	1.1	1.0	.8	.9	.8	.7	.7	.3	.1	.0				1714	1718	113	2
72/ 71		.1	.5	.9	.8	.8	.9	.7	.7	.6	.5	.2	.0	.0				1589	1594	535	16
70/ 69	.0	.2	.5	.8	.6	.4	.6	.6	.5	.6	.4	.1						1236	1240	1653	86
68/ 67	.0	.2	.4	.4	.4	.5	.4	.4	.4	.4	.1	.0	.0					861	864	3046	276
66/ 65	.0	.1	.3	.3	.3	.3	.4	.3	.3	.2	.1							586	586	3752	673
64/ 63	.0	.1	.1	.1	.2	.2	.2	.3	.2	.1	.0							366	366	3476	1072
62/ 61		.1	.1	.1	.1	.1	.1	.2	.1	.1								207	207	3099	1435
60/ 59		.0	.1	.0	.1	.1	.1	.1	.1	.0								144	145	2393	1668
58/ 57		.0	.0	.0	.0	.0	.0	.1	.0									49	49	1699	1767
56/ 55				.0	.0	.0	.0	.0	.0									28	28	1340	1758
54/ 53			.0		.0		.0	.0										23	23	963	1740
52/ 51					.0	.0		.0										5	5	623	1707
50/ 49																				420	1528
48/ 47																				214	1481
46/ 45																				108	1456
44/ 43																				51	1367
42/ 41																				20	1146

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39																				8	933
38/ 37																					837
36/ 35																					744
34/ 33																					536
32/ 31																					473
30/ 29																					283
28/ 27																					205
26/ 25																					140
24/ 23																					106
22/ 21																					48
20/ 19																					29
18/ 17																					16
16/ 15																					7
14/ 13																					8
12/ 11																					2
TOTAL	.1	.8	2.3	3.6	4.6	5.8	7.1	8.3	8.9	9.0	8.9	7.8	7.0	6.7	5.5	4.9	8.6		23585		23547
																		23547		23547	

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.	42207012	898504	38.2	18.343	23547							
Dry Bulb	156495045	1907425	80.9	9.731	23585			677.0	564.1	380.2	101.7	720
Wet Bulb	91723847	1463881	62.2	5.517	23547			164.5	4.5			720
Dew Point	61012435	1175181	49.9	10.015	23547		40.3	11.7	.1			720

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

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | OCT 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
102/101														.0				1	1		
100/ 99														.0		.0	.0	13	13		
98/ 97												.0		.0	.0	.0	.1	44	44		
96/ 95											.0			.0	.0	.0	.5	158	158		
94/ 93											.0		.0	.0	.1	.2	.6	246	246		
92/ 91									.0	.0	.0	.0	.1	.1	.3	.5	.9	463	463		
90/ 89								.0	.0	.0	.0	.1	.2	.3	.6	.7	.9	688	688		
88/ 87									.0	.0	.1	.2	.4	.5	.7	.6	.6	769	769		
86/ 85							.0	.0	.0	.1	.2	.3	.6	.8	.9	.7	.3	954	954		
84/ 83							.0	.0	.1	.2	.3	.5	.8	.9	.7	.5	.1	988	988		
82/ 81							.0	.0	.1	.3	.5	.7	.9	.8	.6	.2	.1	1034	1034		
80/ 79						.0	.1	.2	.3	.4	.7	1.0	1.0	.7	.3	.1	.0	1171	1171		
78/ 77				.0	.0	.1	.2	.2	.4	.5	1.0	1.0	.9	.5	.1	.1		1214	1214		
76/ 75				.0	.1	.1	.3	.4	.6	.9	1.1	.9	.7	.3	.1			1334	1334	7	
74/ 73			.0	.1	.1	.2	.4	.5	.8	1.0	1.0	.7	.4	.2	.0			1350	1351	11	
72/ 71	.0	.0	.1	.1	.2	.4	.5	.6	1.0	1.0	1.0	.7	.3	.1				1468	1468	21	1
70/ 69		.1	.2	.3	.3	.5	.6	.8	1.1	1.1	.8	.5	.2	.0				1603	1603	91	10
68/ 67	.0	.1	.3	.3	.4	.6	.7	1.0	1.1	1.1	.8	.3	.1	.0				1687	1687	305	31
66/ 65	.0	.2	.3	.3	.5	.7	.9	1.1	1.2	1.0	.5	.2	.0					1674	1674	645	110
64/ 63		.1	.3	.3	.5	.8	.8	1.1	1.1	.7	.3	.1	.0					1508	1508	1134	179
62/ 61	.0	.2	.3	.4	.5	.8	1.0	1.0	.8	.5	.3	.0						1400	1400	1716	264
60/ 59	.0	.2	.3	.4	.6	.7	.8	.8	.8	.3	.1	.0						1217	1217	2444	355
58/ 57		.2	.3	.3	.4	.5	.6	.6	.4	.2	.0							888	888	2781	495
56/ 55	.0	.3	.3	.2	.4	.4	.6	.5	.2	.1								699	699	2971	652
54/ 53	.0	.3	.2	.2	.3	.4	.4	.2	.1	.0								534	534	2699	815
52/ 51	.0	.2	.1	.2	.2	.3	.4	.2	.1									405	406	2334	1010
50/ 49	.0	.2	.2	.2	.2	.2	.2	.2	.0									336	336	2064	1150
48/ 47		.2	.1	.1	.1	.1	.2	.1	.0									206	207	1638	1267
46/ 45	.0	.1	.1	.1	.1	.0	.1	.0										136	138	1299	1512
44/ 43	.0	.1	.1	.0	.0	.0	.1											92	93	902	1696
42/ 41	.0	.1	.1	.0	.0	.0	.0											64	64	563	1740
40/ 39	.0	.0	.0	.0	.0	.0												19	19	344	1769
38/ 37		.0	.0			.0												6	6	193	1724
36/ 35																				128	1580

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 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
34/ 33																		1	52	1460
32/ 31				.0													2	2	22	1329
30/ 29																			3	1171
28/ 27																			2	949
26/ 25																			2	882
24/ 23																				619
22/ 21																				509
20/ 19																				366
18/ 17																				257
16/ 15																				176
14/ 13																				121
12/ 11																				63
10/ 9																				62
8/ 7																				17
6/ 5																				19
4/ 3																				3
2/ 1																				6
0/ -1																				2
TOTAL	.1	2.6	3.2	3.7	4.9	6.9	8.7	9.7	10.5	9.4	8.8	7.2	6.7	5.3	4.5	3.6	4.3	24371	24378	24371	24371

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.	41668440	888766	36.5	19.490	24371							
Dry Bulb	125184198	1724046	70.8	11.357	24378		.1	463.5	318.3	181.5	14.1	744
Wet Bulb	71965578	1314204	53.9	6.710	24371		.9	13.3	.5			744
Dew Point	40635754	958396	39.3	10.967	24371	.1	200.0	1.3				744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV 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
92/ 91																	.0	1	1		
90/ 89																.0	.0	3	3		
88/ 87														.0	.0	.0	.1	28	28		
86/ 85											.0	.0	.0	.1	.1	.1	.2	107	107		
84/ 83									.0	.0	.0	.0	.1	.2	.2	.2	.1	201	203		
82/ 81									.0	.0	.1	.1	.2	.5	.3	.2	.1	352	352		
80/ 79									.0	.0	.1	.2	.6	.7	.5	.2	.0	519	519		
78/ 77									.0	.1	.2	.4	.7	.7	.3	.1		598	598		
76/ 75							.0	.0	.1	.2	.3	.7	.9	.6	.2	.0		729	729		
74/ 73								.1	.2	.3	.6	.8	.7	.3	.1			723	723		
72/ 71						.0	.0	.1	.3	.5	.9	.9	.6	.2	.0			836	836		
70/ 69					.0	.1	.1	.3	.6	.8	1.1	.8	.4	.1				973	973		
68/ 67				.0	.0	.2	.2	.4	.8	1.1	.9	.5	.2	.1				1056	1056	2	
66/ 65				.0	.1	.1	.3	.6	.9	1.2	.8	.3	.1					1066	1066	8	
64/ 63			.0	.1	.1	.3	.6	1.0	1.3	1.1	.6	.2	.0					1265	1265	27	
62/ 61		.0	.2	.2	.2	.5	.8	1.4	1.2	1.0	.3	.1						1359	1360	62	
60/ 59	.0	.1	.1	.3	.4	.9	1.3	1.4	1.4	.7	.3	.1						1651	1651	246	5
58/ 57	.0	.2	.2	.3	.6	1.1	1.3	1.4	1.0	.6	.1	.0						1614	1614	583	39
56/ 55	.0	.2	.3	.4	.9	1.3	1.5	1.6	.8	.3	.1							1773	1774	1109	125
54/ 53	.0	.2	.4	.8	1.0	1.3	1.5	1.2	.6	.1	.0							1679	1680	1665	150
52/ 51	.0	.3	.5	.7	1.0	1.3	1.3	1.0	.3	.1								1527	1527	2127	211
50/ 49	.0	.4	.6	1.0	.9	1.2	.9	.6	.1	.0								1359	1359	2556	368
48/ 47	.0	.4	.6	.8	1.1	.8	.7	.4	.0									1124	1124	2798	465
46/ 45	.0	.5	.7	.6	.7	.7	.5	.2										932	932	2636	691
44/ 43	.0	.4	.5	.6	.4	.4	.3	.1										642	642	2408	865
42/ 41	.0	.5	.4	.4	.4	.2	.1	.0										501	502	2233	1160
40/ 39	.0	.5	.4	.3	.3	.1	.0	.0										381	381	1860	1438
38/ 37	.0	.3	.4	.2	.2	.1												280	280	1243	1638
36/ 35	.0	.3	.2	.2	.1	.0												197	197	900	1770
34/ 33	.1	.2	.1	.1	.0	.0												105	105	608	1802
32/ 31	.0	.1	.0	.0	.0													32	32	359	1874
30/ 29	.0	.0	.0		.0													17	17	136	1814
28/ 27		.0			.0													2	2	42	1471
26/ 25		.0																2	3	15	1480

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) MAY 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U.S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30			Dry Bulb	Wet Bulb	Dew Point
24/ 23																				7	1346
22/ 21																				3	1123
20/ 19																				1	908
18/ 17																					844
16/ 15																					680
14/ 13																					440
12/ 11																					356
10/ 9																					206
8/ 7																					134
6/ 5																					87
4/ 3																					35
2/ 1																					40
0/ -1																					11
-2/ -3																					15
-4/ -5																					19
-6/ -7																					10
-8/ -9																					6
-10/-11																					3
-12/-13																					2
-14/-15																					1
-16/-17																					1
TOTAL	.4	4.6	5.6	7.0	8.6	10.6	11.6	11.7	9.7	8.0	6.4	5.1	4.4	3.2	1.9	.8	.5	23634	23641	23634	23633

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.	47353550	935856	39.6	20.872	23634							
Dry Bulb	85143674	1393794	59.0	11.209	23641		1.6	186.6	99.4	29.3		720
Wet Bulb	50432141	1080859	45.7	6.508	23634		17.2	.1				720
Dew Point	25032386	730132	30.9	10.234	23693	2.1	393.2					720

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC 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				
~~94/ 93~~																		X	X		
84/ 83													.0	.0		.0		6	6		
82/ 81												.0	.0	.0	.0	.0		18	18		
80/ 79											.0	.0	.0	.0	.0	.1		49	49		
78/ 77							.0			.0	.0	.0	.1	.1	.1	.0		86	86		
76/ 75							.0	.0	.0	.0	.1	.2	.3	.2	.1			235	235		
74/ 73							.0	.0	.0	.1	.1	.4	.3	.2	.0			293	293		
72/ 71							.0	.0	.1	.2	.4	.5	.4	.1	.0			392	392		
70/ 69						.0	.0	.1	.2	.3	.7	.7	.4	.1				601	602		
68/ 67				.0	.0	.0	.1	.2	.4	.6	.8	.5	.2	.0				690	692		
66/ 65				.0	.0	.1	.2	.4	.6	.8	.8	.4	.0	.0				799	799	1	
64/ 63			.0	.0	.0	.2	.3	.5	.7	.9	.7	.2	.0					876	876	5	
62/ 61		.0	.0	.0	.1	.3	.5	.8	.9	.8	.4	.0						991	991	10	
60/ 59			.1	.2	.3	.6	.8	1.1	1.2	.6	.3	.0						1241	1243	39	2
58/ 57		.0	.2	.3	.6	1.0	1.1	1.3	.8	.5	.1							1397	1398	87	7
56/ 55	.0	.1	.3	.5	.8	1.0	1.2	1.2	.9	.2	.0							1505	1505	255	13
54/ 53	.0	.3	.4	.6	1.0	1.1	1.6	1.1	.7	.1	.0							1672	1673	600	50
52/ 51	.1	.4	.7	.8	1.1	1.3	1.6	1.0	.4	.0								1824	1827	1101	168
50/ 49	.1	.6	.9	1.0	1.1	1.7	1.3	1.0	.2	.0								1916	1916	1608	254
48/ 47	.0	.6	1.0	1.1	1.3	1.6	1.2	.6	.0									1801	1801	2265	347
46/ 45	.1	.9	1.4	1.3	1.5	1.3	.8	.2	.0									1030	1831	2630	563
44/ 43	.0	1.0	1.2	1.2	1.3	1.0	.4	.1										1528	1528	2583	880
42/ 41	.1	.9	1.1	1.3	1.2	.7	.2	.0										1321	1321	2667	989
40/ 39	.1	1.1	1.1	1.2	.9	.5	.0	.0										1232	1232	2619	1263
38/ 37	.1	.7	.8	.7	.5	.2	.0											738	738	2358	1541
36/ 35	.1	.6	.8	.6	.3	.0												595	595	1941	1569
34/ 33	.0	.4	.5	.4	.1	.0												365	365	1418	1686
32/ 31	.0	.3	.3	.2	.0													212	212	954	1745
30/ 29	.0	.2	.1	.1	.0													124	125	600	1979
28/ 27	.1	.1	.1	.0														72	72	311	1839
26/ 25	.0	.0	.0	.0														21	21	111	1953
24/ 23	.0	.0	.0															17	17	46	1537
22/ 21			.0															3	3	21	1279
20/ 19			.0															1	1	10	973

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 - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER S RV/CE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC MONTH

PAGE 2 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																				2	994
16/ 15																					861
14/ 13																					640
12/ 11																					478
10/ 9																					285
8/ 7																					218
6/ 5																					125
4/ 3																					75
2/ 1																		1	1	1	38
0/ -1																					38
-2/ -3																					19
-4/ -5																					21
-6/ -7																					8
-10/-11																					4
-12/-13																					3
TOTAL	.7	8.5	11.0	11.6	12.2	12.6	11.5	9.6	7.1	5.2	4.3	2.9	1.8	.7	.3	.1			24455		24444
																		24443		24443	

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.	65992278	1148150	47.0	22.212	24442							
Dry Bulb	68235260	1266892	51.8	10.319	24455		13.8	72.2	20.9	1.3	.0	744
Wet Bulb	43634065	1020359	41.7	6.522	24443		62.6					744
Dew Point	23256187	712649	29.2	10.071	24444	2.8	460.0					744

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

☆ U. S GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 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
66/ 65												.1						2	2		
64/ 63								.1	.1	.0	.1	.0						9	9		
62/ 61					.1			.0	.1		.0							9	9		
60/ 59			.0	.1	.4	.2	.1	.3	.2	.4								51	51		
58/ 57			.1	.2	.2	.1	.2	.8	.4	.1	.0							64	64		
56/ 55		.1	.3	.3	.5	.6	1.0	.6	.5	.1								123	123	6	
54/ 53		.1	.3	.3	.7	1.2	1.3	.8	.4									161	161	12	5
52/ 51		.5	.6	.6	1.5	1.4	1.7	.8	.2									230	230	37	6
50/ 49		.3	.9	1.5	1.8	1.6	1.3	.8	.1									262	262	51	20
48/ 47	.1	.6	1.1	2.2	2.1	1.6	1.3	.1										284	284	68	37
46/ 45	.2	1.1	2.1	2.6	2.9	1.8	1.4	.1										389	389	171	53
44/ 43	.1	1.8	1.6	2.5	2.0	2.0	.9	.2										348	348	282	59
42/ 41	.0	1.8	1.9	2.1	2.2	1.1	.3											292	292	404	97
40/ 39	.1	1.4	2.0	2.0	1.8	.8	.2											260	260	415	161
38/ 37	.3	2.0	1.5	1.2	1.0	.8	.1											215	215	414	188
36/ 35	.1	1.6	1.3	.8	.9	.4												158	158	365	206
34/ 33	.2	1.3	.9	.6	.4	.1												108	108	338	289
32/ 31	.1	.7	.4	.3	.3	.0												58	58	219	270
30/ 29	.0	.5	.7	.4	.2													58	58	137	261
28/ 27		.2	.4	.3	.0													28	28	91	216
26/ 25		.0	.2	.2	.0													13	13	54	235
24/ 23		.0	.2	.2														12	13	28	178
22/ 21		.0	.0															2	2	20	175
20/ 19																				15	150
18/ 17																				3	146
16/ 15																					95
14/ 13																					67
12/ 11																					68
10/ 9																					48
8/ 7																					31
6/ 5																					15
4/ 3																					15
2/ 1																					13
0/ -1																					14

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours w/ 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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (MONTH)

PAGE 2 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
-2/ -3																					7
-4/ -5																					3
-6/ -7																					3
-8/ -9																					7
TOTAL	1.2	14.1	16.5	18.4	18.8	13.6	9.8	4.7	2.0	.6	.2	.1						3136	3137	3136	3138

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.	11226170	176334	56.2	20.450	3136							
Dry Bulb	6342238	139204	44.4	7.255	3137		5.1					93
Wet Bulb	4558897	118087	37.7	5.985	3136		17.0					93
Dew Point	2793051	88153	28.1	10.047	3138	1.0	59.8					93

USAFETAC FORM 0-26-5 (01, A1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63											.0							1	1		
62/ 61					.1	.1	.1	.1		.1	.1							15	15		
60/ 59				.0	.2	.1	.1	.1	.1	.0								20	20		
58/ 57			.1	.0	.1	.1	.2	.2	.3	.1								34	34		
56/ 55		.2	.1	.2	.4	.4	1.0	.5	.3	.1								107	107	2	
54/ 53		.1	.3	.2	.3	.6	1.3	.8	.5									131	131	14	3
52/ 51		.6	.4	.4	1.0	1.1	1.2	.6	.2	.0								177	177	21	10
50/ 49		.6	1.1	.7	1.6	1.7	1.0	.6	.1									237	237	48	13
48/ 47		.6	.7	1.9	2.2	2.0	.9	.4										273	275	74	28
46/ 45	.1	.8	1.7	2.2	1.7	1.7	1.3	.1										303	303	111	50
44/ 43	.3	1.7	1.9	2.4	2.1	1.7	.8	.2										352	352	212	73
42/ 41	.1	2.0	1.7	2.2	2.6	1.7	.2	.0										329	329	342	74
40/ 39	.4	1.7	2.0	1.9	2.1	1.1	.2											294	294	434	122
38/ 37	.1	1.9	2.4	2.0	1.5	.4	.2											264	264	354	186
36/ 35	.2	1.7	1.9	1.3	.8	.6	.0											208	208	393	169
34/ 33	.3	1.9	1.0	.9	.6	.1												152	152	362	266
32/ 31	.2	1.1	.6	.5	.3	.0												89	89	312	256
30/ 29	.1	.8	.5	.3	.3													63	63	181	288
28/ 27		.4	.6	.3	.1													44	44	126	238
26/ 25		.3	.3	.3	.0													26	26	69	239
24/ 23		.1	.1	.1														8	9	40	203
22/ 21		.1	.1	.2														11	11	22	183
20/ 19		.1	.1	.0														6	6	15	136
18/ 17																				9	168
16/ 15																				5	133
14/ 13																					77
12/ 11																					76
10/ 9																					37
8/ 7																					30
6/ 5																					23
4/ 3																					15
2/ 1																					18
0/ -1																					6
-2/ -3																					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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-76 YEARS | JAN 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
-4/ -5																						3
-6/ -7																						6
-8/ -9																						3
-10/-11																						3
TOTAL	1.9	16.7	17.5	18.0	18.1	13.6	8.6	3.6	1.5	.4	.1								3146	3147	3146	3146

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.	11795012	181366	57.6	20.636	3146							
Dry Bulb	5954771	134923	42.9	7.354	3147		7.3					93
Wet Bulb	4330086	115110	36.6	6.133	3146		23.0					93
Dew Point	2665552	85982	27.3	10.018	3146	.9	63.6					93

USAFETAC FORM 0-26-5 (OL A) 70L 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 YEARS — JAN MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67													.0					1	1		
66/ 65										.0								1	1		
64/ 63									.0		.1							3	3		
62/ 61								.1		.0	.1							8	8		
60/ 59				.1	.1			.1	.1	.1								14	14		
58/ 57			.1	.1	.1	.2	.3	.3	.2	.1								42	42		
56/ 55		.2	.2	.1	.4	.2	.7	.7	.4									91	91	1	
54/ 53		.0	.3	.4	.5	.6	1.1	.7	.3									124	124	12	4
52/ 51		.5	.3	.5	1.0	1.0	1.1	.8	.1									166	166	19	11
50/ 49		.7	.6	.6	1.1	2.3	1.3	.4	.1									225	225	40	11
48/ 47	.1	.9	.8	1.5	2.0	1.7	1.5	.4										280	280	73	28
46/ 45	.1	.9	1.6	2.1	2.3	1.1	.7	.1										279	279	124	53
44/ 43	.2	1.7	1.8	2.1	1.9	1.6	.6	.0										312	312	170	64
42/ 41	.2	1.5	1.7	1.9	2.6	1.8	.4	.1										323	323	315	72
40/ 39	.2	1.8	2.7	2.6	2.3	1.3	.2											349	349	413	101
38/ 37	.3	1.4	2 7	2.0	1.3	.3	.1											263	263	377	174
36/ 35	.2	1.5	1.9	1.8	1.0	.7	.1											224	224	385	171
34/ 33	.4	1.7	1.4	1.1	.4	.3												166	166	359	234
32/ 31	.3	1.1	.7	.6	.2	.0												94	95	336	268
30/ 29	.2	.7	.7	.4	.2													68	68	208	308
28/ 27	.1	.5	.6	.4	.0													53	53	119	227
26/ 25		.3	.3	.2	.0													24	24	89	251
24/ 23		.1	.2	.1														12	12	47	226
22/ 21		.1	.3	.1														13	13	20	182
20/ 19		.1	.1															6	6	17	130
18/ 17		.1	.1															4	4	13	190
16/ 15																				7	134
14/ 13																				1	93
12/ 11																					61
10/ 9																					35
8/ 7																					24
6/ 5																					25
4/ 3																					18
2/ 1																					14

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (YEARS) JAN (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
0/ -1																					10
-2/ -3																					11
-4/ -5																					9
-8/ -9																					5
-10/-11																					1
TOTAL	2.3	15.8	19.1	18.6	17.7	13.1	7.9	3.8	1.2	.3	.2		.0						3146		3145
																		3145		3145	

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.	11861567	182163	57.9	20.416	3145							
Dry Bulb	5829696	133388	42.4	7.441	3146		8.1	.0				93
Wet Bulb	4247851	113925	36.2	6.204	3145		25.3					93
Dew Point	2611749	85123	27.1	9.894	3145	1.1	65.7					93

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-76 YEARS | JAN 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
78/ 77													.1					2	2		
76/ 75											.1		.0					4	4		
74/ 73								.0	.0		.1	.1	.1	.0				11	11		
72/ 71									.1	.1	.3	.3	.1	.0				26	26		
70/ 69						.0	.1	.1	.2	.2	.3	.3	.1	.0				41	41		
68/ 67					.0		.1	.1	.1	.4	.5	.2	.2					50	50		
66/ 65					.0	.2	.2	.3	.8	.9	.8	.2						104	104		
64/ 63					.1	.1	.2	.7	1.0	1.2	.8	.3						137	137		
62/ 61				.1	.1	.4	.6	1.2	1.5	1.6	.5	.0						192	192		
60/ 59			.0	.2	.4	.6	1.5	1.3	2.0	1.1	.2							229	229	3	
58/ 57			.1	.4	.4	.9	1.9	2.1	2.1	.6	.1							269	269	9	
56/ 55		.1	.2	.5	1.1	1.2	2.2	2.3	1.4	.4								295	295	27	1
54/ 53		.1	.4	.8	1.2	2.0	1.6	1.6	1.0	.2								280	280	51	6
52/ 51		.3	.6	.7	1.8	1.7	1.6	1.4	.3	.0								262	262	95	18
50/ 49	.1	.3	.8	1.4	1.6	1.6	1.3	.8	.2									249	249	201	29
48/ 47		.7	.6	1.5	1.2	1.5	1.7	.5	.3									252	252	313	38
46/ 45	.1	.5	.9	1.6	1.5	1.1	1.0	.4										222	222	427	76
44/ 43	.1	.4	.9	1.2	.6	1.0	.5	.2										151	151	457	94
42/ 41	.1	.5	.8	1.0	.7	.5	.4											120	120	415	92
40/ 39	.1	.5	.5	.5	.6	.3	.3											85	85	358	141
38/ 37	.1	.3	.4	.5	.4	.2												58	58	260	201
36/ 35	.1	.3	.3	.3	.3	.1												45	45	202	226
34/ 33		.1	.1	.1	.2	.1												22	22	124	262
32/ 31	.1		.2	.2	.2													18	18	89	248
30/ 29			.1	.1	.1													6	6	44	240
28/ 27		.0	.0	.1	.1													6	6	28	210
26/ 25			.0	.1														3	3	18	233
24/ 23			.0	.0														2	2	11	199
22/ 21																				6	177
20/ 19																				2	166
18/ 17																				1	132
16/ 15																					86
14/ 13																					70
12/ 11																					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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 YEARS — JAN MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9																					31
8/ 7																					31
6/ 5																					31
4/ 3																					19
2/ 1																					11
0/ -1																					12
-2/ -3																					9
-4/ -5																					4
-6/ -7																					1
TOTAL	.6	4.1	7.1	11.1	12.6	13.3	15.0	13.1	10.9	6.5	3.6	1.4	.5	.1					3141		3140
																		3141		3141	

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.	7115956	136316	43.4	19.549	3141							
Dry Bulb	8946444	165514	52.7	8.460	3141		1.0	4.0	.5			93
Wet Bulb	5673044	132184	42.1	5.927	3141		5.9					93
Dew Point	2904208	89970	28.7	10.197	3140	.8	57.9					93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.0			.0				2	2		
84/ 83												.0		.1				4	4		
82/ 81											.0	.0	.1	.2	.1			12	12		
80/ 79											.0	.1	.2	.2	.1	.0		20	20		
78/ 77									.1	.0	.1	.3	.4	.6	.2	.1		53	53		
76/ 75								.0	.1	.1	.2	.4	.6	.5	.2	.1		69	69		
74/ 73								.2	.1	.2	.3	.8	1.3	.4	.3			111	111		
72/ 71							.1	.2	.2	.4	.7	1.4	1.1	.7				153	153		
70/ 69						.0	.1	.1	.3	1.1	2.1	1.8	1.2	.4				230	230		
68/ 67						.2	.2	.2	.8	2.0	2.3	1.3	.7	.0				239	239		
66/ 65					.0	.1	.4	.6	1.7	2.0	2.4	.9	.3					264	264	1	
64/ 63				.0	.1	.3	.7	1.1	2.0	2.1	1.3	.7	.0					262	262	1	
62/ 61			.0	.1	.1	.7	1.5	1.6	2.2	1.6	.7	.2						270	270	5	
60/ 59			.0	.2	.6	1.3	1.3	1.8	1.8	1.3	.4							271	271	22	
58/ 57			.1	.3	.8	1.4	1.1	1.9	1.2	.9	.1							245	245	36	
56/ 55		.1	.1	.4	.7	1.0	1.0	1.0	1.0	.6	.1							188	188	75	4
54/ 53		.1	.2	.3	.8	.9	.9	.7	.7	.4	.0							156	156	130	8
52/ 51	.1	.3	.2	.6	.8	.9	.9	.6	.8	.1								164	164	274	29
50/ 49		.1	.4	.5	1.0	.9	.4	.5	.4	.0								132	132	499	26
48/ 47		.4	.2	.4	.7	.8	.4	.4	.0									98	98	524	37
46/ 45	.0		.4	.3	.6	.4	.3	.2										66	66	483	80
44/ 43		.2	.2	.2	.3	.2	.3	.2										45	45	338	89
42/ 41	.0	.2	.2	.1	.2	.2	.1											28	28	248	112
40/ 39		.3	.0	.1	.1	.1	.1											23	23	178	148
38/ 37	.0	.1	.0		.1	.2	.0											16	16	142	199
36/ 35	.0					.3												9	9	83	185
34/ 33			.0	.0	.2	.0												10	10	45	222
32/ 31																				21	237
30/ 29																				10	229
28/ 27																				16	227
26/ 25																				9	230
24/ 23																					193
22/ 21																					174
20/ 19																					168

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—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 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
18/ 17																					138
16/ 15																					88
14/ 13																					68
12/ 11																					59
10/ 9																					46
8/ 7																					45
6/ 5																					37
4/ 3																					21
2/ 1																					16
0/ -1																					11
-2/ -3																					4
-4/ -5																					3
-6/ -7																					1
TOTAL	.3	1.8	1.9	3.4	7.0	9.6	9.6	11.3	13.3	13.0	10.8	7.9	5.8	3.1	.8	.2			3140		3140
																		3140		3140	

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.	4350350	103146	32.8	17.507	3140							
Dry Bulb	11886960	191134	60.9	8.969	3140			26.4	8.0	.8		93
Wet Bulb	6709151	144093	45.9	5.553	3140		1.7					93
Dew Point	2880945	89115	28.4	10.587	3140	.6	59.3					93

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

☆ U.S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 YEARS — JAN 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
88/ 87													.0				.0	2	2		
86/ 85																.0		1	1		
84/ 83												.0			.1			3	3		
82/ 81													.1	.1	.1			6	6		
80/ 79										.1		.1	.1	.3	.3	.1		31	31		
78/ 77										.0		.1	.2	.6	.4	.3		50	50		
76/ 75										.1	.2	.5	.9	.9	.3	.1		93	93		
74/ 73								.2		.2	.4	1.0	1.1	1.0	.2			126	126		
72/ 71							.1	.1	.1	.3	1.1	1.4	2.4	.8	.1			202	202		
70/ 69						.0	.2	.2	.4	.9	1.8	1.9	1.1	.3				214	214		
68/ 67						.0	.1	.3	.8	2.5	2.5	1.8	.7	.1				280	280		
66/ 65					.1	.1	.2	.4	1.3	2.4	2.1	1.1	.2					247	247		
64/ 63					.0	.5	.9	1.4	1.8	2.0	1.8	.7						286	286	2	
62/ 61				.2	.1	.5	1.0	1.5	1.9	1.6	1.2	.2						257	257	2	
60/ 59			.0	.2	.3	1.1	1.4	1.6	1.8	1.4	.7	.1						268	268	15	
58/ 57		.0	.1	.3	.6	.8	1.1	1.2	1.2	.7	.3	.1						199	199	28	
56/ 55		.0	.2	.2	.6	1.0	1.2	1.2	.8	.7	.1							191	191	64	1
54/ 53		.1	.3	.4	.6	1.1	.9	.8	.9	.2	.1							165	165	134	7
52/ 51	.1	.2	.4	.5	.8	.8	.7	.3	.7									140	140	291	29
50/ 49	.1	.3	.4	.3	.3	.7	.6	.4	.4	.1								111	111	526	22
48/ 47	.0	.3	.3	.3	.5	.6	.3	.1	.1									75	75	550	39
46/ 45	.0	.1	.1	.4	.6	.5	.3	.2										72	72	464	65
44/ 43		.1	.5	.2	.1	.2	.2	.0										43	43	354	78
42/ 41		.1	.3	.1	.2	.1	.1											30	30	230	102
40/ 39	.1	.2	.0	.1	.1	.2	.0											19	19	190	137
38/ 37	.1	.1	.0	.1	.0	.3	.0											18	18	137	173
36/ 35			.0		.0	.1												6	6	66	189
34/ 33				.0	.0													2	2	39	191
32/ 31				.1	.0													3	3	22	250
30/ 29				.0														1	1	7	233
28/ 27																				11	208
26/ 25																				7	236
24/ 23																				2	198
22/ 21																					194

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

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-46,48-76 YEARS | JAN MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					194
18/ 17																					164
16/ 15																					107
14/ 13																					72
12/ 11																					56
10/ 9																					43
8/ 7																					57
6/ 5																					41
4/ 3																					24
2/ 1																					15
0/ -1																					12
-2/ -3																					3
TOTAL	.4	1.5	2.2	3.1	5.1	8.7	9.2	9.9	12.3	13.2	12.3	9.1	6.9	4.1	1.3	.4	.0	3141	3141	3141	3140

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.	4112372	98828	31.5	17.865	3140							
Dry Bulb	1215819	193372	61.6	8.985	3141		.1	29.8	9.2	.9		93
Wet Bulb	726613	144391	46.0	5.324	3141		1.5					93
Dew Point	2768249	86829	27.7	10.517	3140	.4	62.4					5

USAFETAC FORM 0-26-3 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 YEARS — JAN 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
76/ 75												.0						1	1		
74/ 73											.0							1	1		
72/ 71											.1	.1	.0	.0				8	8		
70/ 69									.1	.1	.4	.2	.1					31	31		
68/ 67						.0	.1	.1	.1	.5	.5	.3	.1					53	53		
66/ 65						.1	.2	.3	.8	.6	.8	.6	.1					106	106		
64/ 63				.1	.1	.1	.2	.7	1.2	1.3	.8	.2						149	149		
62/ 61				.2	.3	.4	.5	1.8	2.1	1.6	.5	.1						238	238		
60/ 59			.2	.1	.4	.6	1.2	2.1	2.0	1.5	.3							261	261		
58/ 57			.1	.3	.9	1.4	2.5	2.2	1.9	1.0	.1							324	324	5	
56/ 55		.0	.4	.6	1.1	2.2	2.1	2.6	1.6	.5								349	350	26	
54/ 53		.1	.2	.8	1.8	1.8	2.3	1.3	1.2	.2								302	302	40	9
52/ 51		.4	.4	1.2	1.5	2.2	1.6	1.2	.5	.0								281	281	90	19
50/ 49	.2	.4	.7	1.3	1.5	1.8	.9	1.1	.4	.1								265	265	207	19
48/ 47	.1	.4	1.0	1.5	1.3	.9	.8	.7	.1									211	211	379	59
46/ 45	.0	.2	.9	1.3	1.0	.6	.9	.6										175	175	493	59
44/ 43	.0	.4	.6	1.1	.8	.4	.4	.1										121	121	455	88
42/ 41		.4	.4	.9	.4	.4	.4											92	93	480	107
40/ 39		.4	.6	.3	.4	.1	.2											64	64	327	166
38/ 37	.2	.3	.1	.3	.1	.3												40	40	230	221
36/ 35	.1	.1	.1	.4	.3	.0												24	24	162	227
34/ 33	.1	.1	.1	.2	.1	.1												20	20	100	249
32/ 31	.0			.0	.2	.0												9	9	62	234
30/ 29				.1	.1													6	6	34	280
28/ 27			.0	.0														2	2	19	222
26/ 25																				11	207
24/ 23																				11	185
22/ 21																				2	130
20/ 19																					146
18/ 17																					145
16/ 15																					74
14/ 13																					72
12/ 11																					58
10/ 9																					36

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46.48-76 YEARS — JA 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
8/ 7																					29
6/ 5																					32
4/ 3																					21
2/ 1																					13
0/ -1																					13
-2/ -3																					7
-4/ -5																					3
-6/ -7																					3
TOTAL	.6	3.3	5.7	10.6	12.3	13.6	14.4	14.7	12.0	7.4	3.5	1.5	.4	.0			3133	3135	3133		3133

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.	6820930	133020	42.5	19.355	3133							
Dry Bulb	9185774	168028	53.6	7.576	3135		.5	2.8	.1			93
Wet Bulb	5791672	133636	42.7	5.406	3133		4.1					93
Dew Point	2948511	90695	28.9	10.336	3133	.8	56.7					93

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-46,48-76 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
68/ 67										.1			.0					3	3		
66/ 65						.0	.0			.0		.1						5	5		
64/ 63				.0	.0		.1	.0	.1	.2	.1	.1						19	19		
62/ 61					.1	.1	.2	.2	.3	.3	.2							38	38		
60/ 59			.1	.2	.4	.1	.4	.3	.3	.4								89	89		
58/ 57		.0	.4	.2	.3	.6	.9	1.2	.4	.3								136	136	1	
56/ 55			.2	.6	.7	1.2	1.3	1.2	1.0	.3								202	202	17	
54/ 53		.2	.4	.5	1.7	1.7	2.3	1.5	.8	.0								288	288	15	6
52/ 51		.1	.0	1.1	2.1	1.7	1.8	1.2	.2									275	275	36	12
50/ 49	.1	.5	1.1	2.2	2.9	2.0	1.8	.9	.1									363	363	70	20
48/ 47	.0	.9	1.6	1.8	2.6	2.0	1.8	.7										355	355	153	37
46/ 45	.1	1.0	2.3	2.2	2.0	2.0	1.3	.3										347	347	290	56
44/ 43	.1	1.2	1.9	1.7	1.8	1.2	1.1	.1										271	271	388	94
42/ 41	.1	1.0	1.5	1.1	1.4	.8	.5	.1										203	203	472	106
40/ 39		1.1	1.5	1.4	.9	.8	.4											186	186	427	183
38/ 37	.1	1.0	1.1	.7	.6	.5	.2											134	134	375	227
36/ 35	.2	.6	.8	.5	.3	.3												83	83	321	222
34/ 33	.0	.4	.6	.3	.3	.1												53	53	196	267
32/ 31	.1	.2	.3	.4	.2	.0												38	38	151	277
30/ 29		.0	.3	.2	.2													21	21	88	244
28/ 27		.0	.1	.3														13	13	58	187
26/ 25			.1	.2														9	9	37	209
24/ 23			.0															1	1	20	175
22/ 21																				13	172
20/ 19																				4	151
18/ 17																					119
16/ 15																					66
14/ 13																					70
12/ 11																					70
10/ 9																					49
8/ 7																					23
6/ 5																					23
4/ 3																					17
2/ 1																					8

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												

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

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (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
0/ -1																					21
-2/ -3																					5
-4/ -5																					5
-6/ -7																					5
-8/ -9																					3
-10/-11																					1
TOTAL	.0	8.1	14.4	15.7	18.4	15.3	13.9	8.1	3.2	1.6	.3	.1	.0					3132	3132	3132	3132

Element ( )	$\Sigma x'$	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.	9734815	162937	52.0	20.047	3132							
Dry Bulb	7180402	148312	47.4	7.087	3132		2.4	.1				93
Wet Bulb	4988224	123658	39.5	5.817	3132		11.0					93
Dew Point	2926644	90110	28.8	10.330	3132	1.2	56.4					93

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

☆ U.S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73												.0						1	1		
70/ 69										.1	.0							3	3		
68/ 67											.1							2	2		
66/ 65									.0	.1								5	5		
64/ 63						.0	.1		.1	.3	.2	.1						24	24		
62/ 61					.0	.3	.3	.2	.2	.1	.3	.1						41	41		
60/ 59			.0	.2	.1	.3	.4	.3	.6	.4	.1							66	66		
58/ 57			.1	.4	.5	.4	.8	.7	.8	.7								119	119		
56/ 55		.0	.2	.6	.7	.7	1.4	.9	.7	.3	.2							155	155	1	
54/ 53		.4	.5	.9	1.1	1.6	1.3	1.1	.7	.1	.1							209	209	20	
52/ 51		.2	1.0	.9	1.1	2.0	1.3	1.1	.4	.3								224	224	51	14
50/ 49	.0	.6	1.3	1.3	1.8	2.3	1.4	1.1	.4									275	275	77	16
48/ 47	.1	1.2	1.0	2.1	2.5	1.8	1.6	.8	.1									305	305	137	37
46/ 45	.0	1.1	1.0	2.0	2.3	1.6	1.0	.7	.1									267	267	205	71
44/ 43		.6	1.0	1.8	2.4	1.7	.6	.1										227	227	265	104
42/ 41		.9	1.2	.9	2.0	1.1	.8	.1										189	189	310	90
40/ 39	.2	1.7	1.8	1.4	1.1	1.4	.3											215	215	364	108
38/ 37	.1	.8	1.3	.8	1.2	.8	.1											139	139	331	130
36/ 35	.1	.8	.8	.7	.8	.4	.1											101	101	287	164
34/ 33	.0	.6	.7	.4	.5	.1	.0											61	61	236	225
32/ 31		.3	.3	.4	.3	.0												36	36	159	221
30/ 29		.1	.6	.6	.1													38	38	131	216
28/ 27		.0	.0															2	2	63	137
26/ 25		.1																2	2	45	168
24/ 23																				23	151
22/ 21																				1	155
20/ 19																					126
18/ 17																					126
16/ 15																					109
14/ 13																					69
12/ 11																					65
10/ 9																					54
8/ 7																					47
6/ 5																					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												

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB MONTH

PAGE 2 — 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
4/ 3																					23
2/ 1																					21
0/ -1																					6
-2/ -3																					2
-4/ -5																					3
-6/ -7																					2
TOTAL	.6	9.5	13.0	15.4	18.4	10.6	11.5	7.1	4.2	2.4	1.0	.2						2706	2706	2706	2706

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.	8259207	138515	51.2	20.788	2706							
Dry Bulb	6073077	126621	46.8	7.400	2706		2.4	.2	.0			84
Wet Bulb	4175346	105000	38.8	6.098	2706		13.1					84
Dew Point	2387263	74759	27.6	10.909	2706	.4	54.2					84

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

SAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67									.0	.1								3	3		
66/ 65									.0									1	1		
64/ 63							.1	.1	.2		.1							11	11		
62/ 61						.1	.2	.1	.2	.2	.1							23	23		
60/ 59				.0	.1	.2	.3	.4	.3	.2	.0							46	46		
58/ 57			.1	.2	.2	.1	.7	.3	.3	.4	.1							68	68		
56/ 55		.2	.1	.3	.5	.4	1.0	.6	.6	.3	.1							111	111		
54/ 53		.0	.3	.6	.8	.7	1.1	.7	.7	.1	.0							141	141	11	3
52/ 51		.4	.6	1.0	.7	1.3	1.5	.6	.8	.0								185	185	29	7
50/ 49	.1	.4	1.3	1.0	2.4	1.8	.7	1.0	.4									245	245	56	14
48/ 47	.1	1.3	1.0	1.9	2.5	2.1	1.5	.5	.0	.0								299	299	99	20
46/ 45	.1	1.1	1.2	2.0	2.4	1.6	1.2	.2	.1									269	269	175	51
44/ 43	.1	1.1	1.6	2.5	1.9	1.1	.9	.2										256	256	212	92
42/ 41		1.4	1.5	1.4	2.0	1.4	.7	.1										232	232	271	93
40/ 39	.0	1.2	1.4	1.8	2.2	1.2	.3											218	218	362	97
38/ 37	.0	1.3	1.4	1.9	1.3	.7	.1											183	183	305	141
36/ 35	.1	1.4	1.8	1.1	1.1	.6	.1											168	168	316	139
34/ 33	.1	1.1	1.4	.8	.6	.1												112	112	259	214
32/ 31		.6	.8	.4	.6													65	65	241	250
30/ 29	.0	.2	.5	.6	.1													41	41	162	194
28/ 27		.1	.4	.2														21	21	98	156
26/ 25		.1	.3															11	11	53	187
24/ 23		.0	.0															2	2	51	173
22/ 21																				11	147
20/ 19																					128
18/ 17																					121
16/ 15																					121
14/ 13																					86
12/ 11																					65
10/ 9																					51
8/ 7																					47
6/ 5																					58
4/ 3																					26
2/ 1																					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												

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

USAFETAC

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 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
0/ -1																					5
-2/ -3																					5
-4/ -5																					2
-6/ -7																					4
TOTAL	.7	12.0	15.3	18.0	19.4	13.4	10.5	4.7	3.7	1.4	.4							2711	2711	2711	2711

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.	8995069	145635	53.7	20.792	2711							
Dry Bulb	5554013	121019	44.6	7.482	2711		4.3	.1				84
Wet Bulb	3905110	101504	37.4	6.214	2711		19.1					84
Dew Point	2280663	73111	27.0	10.678	2711	.5	57.0					84

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

* U. S. GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67									.0									1	1		
66/ 65								.0	.1									3	3		
64/ 63								.0										1	1		
62/ 61							.1	.0	.3		.1							12	12		
60/ 59				.0	.1	.2	.4	.4	.3	.2								43	43		
58/ 57			.0	.1	.3	.6	.7	.7	.3	.4								88	88		
56/ 55			.3	.4	.5	.9	.6	.4	.4	.2	.1							103	103	1	
54/ 53		.1	.2	.6	.6	.6	1.0	1.0	.8	.1	.0							138	138	5	
52/ 51		.3	.8	1.2	1.2	1.0	1.2	1.1	.4	.1								200	200	30	7
50/ 49	.0	.3	1.0	.9	1.5	1.4	1.3	1.4	.3									222	222	49	8
48/ 47	.1	.8	.9	1.7	2.1	2.0	1.2	.7	.1	.1								259	259	101	32
46/ 45	.1	1.1	1.6	2.0	2.2	1.9	1.1	.7	.1									293	293	178	38
44/ 43	.1	1.3	1.4	2.7	1.5	1.4	.7	.1										253	253	193	83
42/ 41	.0	1.1	2.0	2.4	2.0	.9	.7	.1										250	250	249	90
40/ 39	.0	1.1	2.1	2.0	1.8	1.3	.3											234	234	328	114
38/ 37	.3	1.1	1.5	1.2	1.4	.5	.3											173	173	363	154
36/ 35	.1	1.5	1.6	1.5	1.2	.3	.0											171	171	340	132
34/ 33	.0	1.0	1.3	.8	.7	.3												113	113	253	195
32/ 31	.1	.6	.8	.6	.3	.0												67	67	230	241
30/ 29		.3	.5	.7	.3													49	49	174	203
28/ 27		.1	.4	.2														19	19	87	167
26/ 25		.1	.4	.0														15	15	67	190
24/ 23		.1	.1															6	6	46	166
22/ 21																				16	162
20/ 19																				3	124
18/ 17																					119
16/ 15																					118
14/ 13																					88
12/ 11																					77
10/ 9																					52
8/ 7																					39
6/ 5																					61
4/ 3																					23
2/ 1																					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—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 YEARS | FEB MONTH

PAGE 2 | 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
0/ -1																						15
-2/ -3																						1
-4/ -5																						3
-6/ -7																						3
TOTAL	.9	11.1	17.0	19.1	17.8	13.4	9.4	6.9	3.1	1.1	.2								2713	2713	2713	2713

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.	9035792	146244	53.9	20.615	2713							
Dry Bulb	5489169	120335	44.4	7.479	2713		4.8	.0				84
Wet Bulb	3864981	101007	37.2	6.205	2713		19.3					84
Dew Point	2257677	72779	26.8	10.610	2713	.7	57.6					84

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 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
80/ 79											.1			.1				5	5		
78/ 77										.0			.0	.0	.0			4	4		
76/ 75									.0	.1	.1	.1	.1	.1	.0			18	18		
74/ 73								.0	.1	.2	.2	.2	.1	.3				33	33		
72/ 71								.1	.0	.3	.3	.6	.5	.2	.1			58	58		
70/ 69						.0		.3	.4	.8	.4	.7	.4	.2				86	86		
68/ 67							.1	.3	.6	.8	.9	.6	.4	.0				101	101		
66/ 65						.2	.3	.6	1.0	.8	1.0	.8	.1	.0				133	133		
64/ 63					.2	.6	.5	1.0	1.0	1.5	1.0	.4	.2					173	173		
62/ 61					.3	.6	.8	1.7	1.5	1.2	.8	.2	.1					196	196		
60/ 59				.3	.9	1.1	1.4	1.6	2.0	1.1	1.0	.1						258	258	9	
58/ 57			.1	.5	.6	.8	1.6	1.8	1.4	.9	.3	.1						222	222	13	
56/ 55		.0	.4	.3	1.1	1.5	2.1	2.0	1.2	.7	.1							253	253	39	
54/ 53		.1	.6	.8	1.1	1.4	1.9	1.4	.7	.2	.0							225	225	101	2
52/ 51	.0	.1	.7	.8	.8	1.9	2.2	1.3	.8	.1								234	234	171	10
50/ 49		.3	.5	.8	1.4	1.7	1.1	.8	.3	.0								187	187	223	29
48/ 47		.2	.6	.9	1.2	1.0	.8	.8	.1									151	151	318	65
46/ 45		.3	.7	1.0	.6	.8	.8	.4	.1									122	122	357	81
44/ 43	.0	.4	.4	.7	.7	.4	.6	.1										91	91	363	87
42/ 41		.3	.6	.4	.3	.6	.4	.1										69	69	341	128
40/ 39		.2	.3	.2	.4	.3												39	39	287	121
38/ 37		.1	.2	.1	.4	.2												27	27	187	154
36/ 35		.1	.1	.1	.1													12	12	123	159
34/ 33		.1		.0	.1													8	8	73	194
32/ 31			.0	.0														2	2	58	197
30/ 29		.0																1	1	32	205
28/ 27		.0																1	1	11	165
26/ 25																				3	173
24/ 23																					154
22/ 21																					144
20/ 19																					119
18/ 17																					111
16/ 15																					99
14/ 13																					63

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45.48-76 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
12/ 11																					68
10/ 9																					64
8/ 7																					56
6/ 5																					32
4/ 3																					9
2/ 1																					12
0/ -1																					5
-2/ -3																					3
TOTAL	.1	2.4	5.1	6.9	10.0	13.2	14.7	14.2	11.3	8.8	6.2	3.9	2.1	1.0	.1			2709		2709	2709
																	2709		2709		

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.	5022289	105097	38.8	18.681	2709							
Dry Bulb	8687715	151687	56.0	8.468	2709		.1	9.5	1.9	.1		84
Wet Bulb	5255644	118280	43.7	5.807	2709		3.2					84
Dew Point	2522282	77216	28.5	10.894	2709	.2	52.1					84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87													.0		.0	.0	.0	4	4		
86/ 85													.0	.1	.0	.1	.0	8	8		
84/ 83											.0		.0	.1		.1	.1	10	10		
82/ 81											.1	.0	.1	.1	.3	.1	.3	31	31		
80/ 79										.1	.1	.2	.3	.4	.7	.3	.2	64	64		
78/ 77										.1	.4	.5	.6	.7	.4	.3		80	80		
76/ 75									.1	.1	.6	.9	.6	1.4	.7	.1		121	121		
74/ 73								.0	.3	.4	.6	1.2	1.4	1.0	.4			145	145		
72/ 71								.1	.3	.9	1.2	2.3	1.7	.6	.3			202	202		
70/ 69							.1	.4	.6	1.2	1.7	1.5	1.0	.4				188	188		
68/ 67						.1	.4	.6	1.1	1.2	2.2	1.5	.7	.3				218	218		
66/ 65					.0	.3	.5	.9	1.3	2.0	1.9	1.4	.3	.1				237	237		
64/ 63					.2	.5	.9	1.4	1.6	2.1	1.8	.7	.3					257	257	2	
62/ 61				.1	.2	.3	.8	1.2	2.0	1.3	.9	.2	.1					190	191	8	
60/ 59		.0	.0	.2	.1	.7	.9	1.4	1.8	1.1	.7	.1						188	188	18	
58/ 57			.0	.2	.2	.6	.9	1.7	1.5	1.1	.2							176	177	59	1
56/ 55		.1	.3	.3	.7	.4	1.2	1.1	.9	.7	.1							154	154	122	1
54/ 53			.3	.0	.4	1.0	.9	.8	.7	.4	.1							126	126	197	
52/ 51	.0	.1	.3	.3	.4	.6	.7	.4	.6	.0								94	94	282	15
50/ 49	.0	.1	.1	.3	.7	.6	.5	.7	.4									90	91	408	38
48/ 47		.1	.3	.3	.2	.2	.2	.5		.0								53	53	379	63
46/ 45		.3	.4	.1	.3	.1	.2	.0										35	35	382	50
44/ 43		.0	.0	.1		.1	.1	.0										12	12	331	70
42/ 41		.1	.0	.0	.0	.1	.1											11	11	208	108
40/ 39		.0	.1	.1	.1	.1												12	12	137	132
38/ 37			.1															3	3	80	122
36/ 35		.0																1	1	55	140
34/ 33		.0																1	1	24	166
32/ 31																				15	175
30/ 29																				3	197
28/ 27																					177
26/ 25																					202
24/ 23																					176
22/ 21																					163

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					137
18/ 17																					121
16/ 15																					102
14/ 13																					96
12/ 11																					102
10/ 9																					61
8/ 7																					53
6/ 5																					22
4/ 3																					9
2/ 1																					4
0/ -1																					5
-6/ -7																					1
TOTAL	.1	1.0	2.0	2.0	3.4	5.6	8.3	11.3	13.4	12.9	12.4	10.6	7.3	5.1	2.9	1.1	.6	2711	2714	2711	2709

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.	2986112	78328	28.9	16.282	2710							
Dry Bulb	11254806	173078	63.8	8.948	2714			33.1	14.3	2.4		84
Wet Bulb	6055095	127283	47.0	5.402	2711		.6					84
Dew Point	2378657	74807	27.6	10.750	2709	.2	55.4					84

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB 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															.0			1	1		
88/ 87													.0	.0		.1	.1	6	6		
86/ 85												.0	.1			.1		5	5		
84/ 83											.1	.1		.1	.1	.1	.2	19	19		
82/ 81												.0	.1	.2	.3	.3	.6	41	41		
80/ 79										.0	.1	.3	.4	.4	.7	.3	.4	72	72		
78/ 77									.0	.1	.2	.5	.6	1.2	1.0	.5		112	112		
76/ 75									.1	.3	.5	1.1	1.1	1.6	.8	.3		160	160		
74/ 73									.4	.3	.7	1.0	1.5	1.4	.6			159	159		
72/ 71							.0	.1	.3	.6	1.4	2.4	1.7	1.0	.4			214	214		
70/ 69							.0	.5	.7	1.2	1.9	2.1	1.2	.9				230	230		
68/ 67						.0	.3	.6	.6	1.3	2.4	1.4	.8	.2				207	207		
66/ 65					.0	.1	.7	.8	1.6	1.8	1.7	1.4	.3	.0				231	231		
64/ 63					.2	.2	.1	1.0	1.3	2.5	2.0	1.1	.2					232	232	6	
62/ 61				.1	.2	.4	.5	1.1	1.4	1.4	1.5	.2						186	186	6	
60/ 59			.0	.1	.1	.5	.7	1.1	1.6	1.0	.8	.0						164	164	13	
58/ 57		.1	.0	.1	.2	.4	.3	1.6	1.5	1.3	.3							159	159	60	
56/ 55		.0	.1	.1	.2	.4	1.3	1.3	.7	.8	.3							145	145	124	
54/ 53		.2	.3	.4	.2	.6	.7	.8	.5	.3	.0							108	108	191	7
52/ 51		.2	.2	.2	.1	.4	.3	.3	.2	.0								49	49	295	12
50/ 49		.2	.2	.5	.5	.5	.3	.7	.1	.0								84	84	439	30
48/ 47	.0	.1	.1	.4	.2	.2	.1	.3										42	45	403	61
46/ 45		.3	.2	.0	.2	.1	.2	.0										28	28	352	59
44/ 43		.4	.2	.1		.2	.0											24	24	330	68
42/ 41	.1	.1	.1	.0		.1	.0											12	12	213	87
40/ 39		.1		.0	.0	.1	.0											10	10	125	88
38/ 37	.1		.0															4	4	74	121
36/ 35		.1																2	2	46	150
34/ 33																				21	140
32/ 31																				5	159
30/ 29																				2	186
28/ 27																				1	160
26/ 25																					199
24/ 23																					187

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 762-6 10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 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
22/ 21																					196
20/ 19																					168
18/ 17																					135
16/ 15																					117
14/ 13																					102
12/ 11																					73
10/ 9																					93
8/ 7																					50
6/ 5																					27
4/ 3																					14
2/ 1																					9
0/ -1																					5
-2/ -3																					2
TOTAL	.3	1.8	1.5	2.2	2.3	4.1	5.8	10.4	10.9	14.0	14.0	11.7	7.9	7.2	4.0	1.6	1.3		2709		2705
																		2706		2706	

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.	2825092	74098	27.4	17.145	2704							
Dry Bulb	11622208	175708	64.9	9.128	2709			38.0	17.8	3.1		84
Wet Bulb	6097947	127677	47.2	5.222	2706		.2					84
Dew Point	2257303	72415	26.8	10.056	2705	.2	58.4					84

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

U S GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB 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
82/ 81														.0					1	1		
80/ 79											.0		.0		.0				3	3		
78/ 77										.0	.0	.0	.1	.0	.0	.1			10	10		
76/ 75									.0	.0	.0	.1	.1	.1	.3				17	17		
74/ 73									.1	.2	.2	.2	.3	.5	.2				45	45		
72/ 71								.2	.0	.3	.3	.4	.6	.3	.1				50	60		
70/ 69							.1	.1	.3	.6	.8	.6	.8	.3					100	100		
68/ 67						.0	.2	.3	.7	1.0	1.0	1.1	.8	.0					141	141		
66/ 65					.0	.2	.8	.6	1.3	1.7	1.4	1.2	.5						212	212		
64/ 63					.1	.6	.6	1.0	1.5	1.8	1.6	.7	.2						219	219		
62/ 61				.1	.3	.8	.8	1.7	1.9	2.0	1.3	.3	.1						251	251		
60/ 59			.0	.3	.6	.7	1.0	2.2	2.6	1.3	1.0	.2							207	247	3	
58/ 57			.2	.4	.5	.7	1.9	2.1	1.6	1.4	.4	.0							253	253	15	
56/ 55		.1	.5	.4	.8	1.3	1.7	2.0	.9	.7	.1								243	243	44	
54/ 53		.2	.3	.5	.7	1.2	2.0	1.7	1.0	.5	.0								218	218	120	5
52/ 51		.2	.3	.6	.6	1.5	1.7	1.0	.6	.1	.0								180	180	171	20
50/ 49		.2	.2	.4	.8	1.0	.8	.8	.5	.1									130	130	234	34
48/ 47		.2	.5	.7	.8	1.0	.6	.4		.0									114	114	330	54
46/ 45		.2	.8	.6	.5	.6	.2	.3	.1										90	90	420	73
44/ 43	.0	.4	.4	.3	.3	.3	.3	.0	.0										56	56	387	80
42/ 41	.1	.4	.3	.3	.2	.2	.1	.0											41	41	390	88
40/ 39		.3	.2	.1	.2	.1	.1												27	27	232	102
38/ 37	.2	.1		.0	.1	.0													15	15	168	144
36/ 35		.1	.1	.1															8	8	97	133
34/ 33		.1	.0	.0															5	5	41	134
32/ 31																					35	189
30/ 29																					16	185
28/ 27																					3	185
26/ 25																						195
24/ 23																						171
22/ 21																						151
20/ 19																						117
18/ 17																						132
16/ 15																						109

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) 74 3A — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-76 (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
14/ 13																					67
12/ 11																					68
10/ 9																					83
8/ 7																					38
6/ 5																					41
4/ 3																					15
2/ 1																					10
0/ -1																					6
-2/ -3																					4
-4/ -5																					3
TOTAL	.3	2.5	3.9	4.9	6.4	10.2	12.0	15.3	13.1	11.8	8.4	4.8	3.5	1.4	.0	.1		2706	2706	2706	2706

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.	4412919	96429	35.6	19.001	2706							
Dry Bulb	9258637	156777	57.9	8.054	2706			11.7	2.4	.1		84
Wet Bulb	5403514	120070	44.4	5.293	2706		1.7					84
Dew Point	2408260	75040	27.7	11.000	2706	.4	54.9					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71									.0		.1	.0						4	4		
70/ 69										.1	.1		.1	.1				8	8		
68/ 67							.0	.1	.1	.0	.0	.1						11	11		
66/ 65							.2	.0	.3	.2	.4	.2	.1					37	37		
64/ 63						.3	.3	.4	.5	.4	.7	.1	.1					76	76		
62/ 61				.0	.3	.4	.5	.7	.5	.8	.7		.0					111	111		
60/ 59				.2	.7	.8	1.0	1.0	1.1	1.0	.4	.1						173	173		
58/ 57			.2	.3	.8	.8	1.7	1.1	1.1	1.1	.2	.0						198	198		
56/ 55		.2	.4	1.1	.7	1.3	1.8	2.1	1.4	.6	.2							268	268	6	
54/ 53		.4	.8	1.0	1.1	2.5	2.2	1.8	.9	.3	.0							300	300	48	3
52/ 51		.2	.6	.8	1.7	2.4	2.1	0	.8	.2								267	267	92	11
50/ 49		.4	.9	1.0	2.1	2.2	2.0	1.6	.4									290	290	150	27
48/ 47		.4	.8	1.4	1.8	1.6	1.2	.8	.3									226	226	183	50
46/ 45		.4	.9	1.2	1.7	1.8	1.1	.7	.1									216	216	256	90
44/ 43	.1	.5	.8	.9	1.1	1.0	.8	.3	.0									150	150	355	90
42/ 41	.1	.9	1.3	.9	.8	.7	.7											145	145	387	86
40/ 39		.7	.8	.5	.9	.4	.3	.1										98	98	372	122
38/ 37	.0	.4	.5	.5	.3	.4	.1											60	60	286	138
36/ 35	.1	.1	.3	.2	.3	.0	.0											31	31	228	183
34/ 33		.3	.1	.3	.1	.0												24	24	146	217
32/ 31		.0	.2	.1	.1													10	10	103	207
30/ 29			.1															3	3	44	191
28/ 27																				38	133
26/ 25																				11	170
24/ 23																				1	157
22/ 21																					153
20/ 19																					120
18/ 17																					121
16/ 15																					96
14/ 13																					75
12/ 11																					49
10/ 9																					75
8/ 7																					54
6/ 5																					33

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-76 YEARS — FEB 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
4/ 3																					22
2/ 1																					13
0/ -1																					12
-2/ -3																					6
-4/ -5																					1
-6/ -7																					1
TOTAL	.4	5.0	8.8	10.4	14.6	16.7	16.0	11.9	7.8	4.7	2.8	.6	.3	.1				2706	2706	2706	2706

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.	6607450	122150	45.1	20.106	2706							
Dry Bulb	7172841	137931	51.0	7.250	2706		.4	.7				84
Wet Bulb	4660355	111225	41.1	5.725	2706		6.1					84
Dew Point	2459662	75840	28.0	11.114	2706	.6	52.4					84

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

☆ U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 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												.0	.2					6	6		
72/ 71													.1					2	2		
70/ 69									.0		.1	.1						7	7		
68/ 67								.1	.0	.2	.1	.1	.1					15	15		
66/ 65							.2	.1	.1	.3	.4	.1	.0					36	36		
64/ 63						.2	.1	.1	.3	.7	.6	.4						70	70		
62/ 61						.1	.3	.4	1.1	1.2	.3	.1						100	100		
60/ 59			.1	.4	.3	.6	.9	.8	1.4	.8	.1							161	161		
58/ 57		.0	.2	.2	.4	.7	1.3	1.9	1.8	.6								216	216	1	
56/ 55		.1	.2	.6	.9	1.4	2.5	2.2	1.9	.3								302	302	6	1
54/ 53		.2	.3	.8	1.2	2.2	2.5	2.0	1.2	.1								309	310	35	3
52/ 51		.1	.9	.8	1.9	1.9	3.0	1.7	.7	.0								324	324	59	11
50/ 49		.4	1.0	1.3	1.9	2.2	2.4	1.3	.3									325	325	100	18
48/ 47		.3	1.2	1.6	2.0	1.7	.8	.7	.1									250	250	188	31
46/ 45		.5	1.6	1.5	.9	1.2	1.2	.5										220	220	332	71
44/ 43	.0	1.1	1.0	.9	1.4	1.3	.6	.1										192	192	443	74
42/ 41	.1	1.0	1.3	.4	1.2	.7	.2	.1										151	151	494	112
40/ 39	.1	1.3	.7	.8	.4	1.0	.2											134	134	445	161
38/ 37	.0	.7	.5	.7	.4	.2												75	75	296	188
36/ 35	.1	.2	.5	.2	.2	.1												38	38	234	222
34/ 33		.1	.2	.2	.2	.1												22	22	143	208
32/ 31		.0	.0	.0	.1													5	5	113	204
30/ 29			.1	.0	.1													5	5	38	202
28/ 27				.0	.0													2	2	24	187
26/ 25																				8	220
24/ 23																				4	209
22/ 21																				4	186
20/ 19																					123
18/ 17																					119
16/ 15																					129
14/ 13																					94
12/ 11																					59
10/ 9																					52
8/ 7																					26

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 (10L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

PAGE 2 | 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
6/ 5																					15
4/ 3																					22
2/ 1																					9
0/ -1																					6
-4/ -5																					4
-8/ -9																					1
TOTAL	.4	6.3	9.8	10.6	13.4	15.6	16.4	11.8	9.1	4.1	1.4	.8	.3					2967	2968	2967	2967

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.	7554953	136637	46.1	20.632	2967							
Dry Bulb	7759987	150243	50.6	7.217	2968		.4	.9	.2			93
Wet Bulb	5066019	121607	41.0	5.251	2967		6.6					93
Dew Point	2672908	83794	28.2	10.164	2967	.3	58.5					93

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

☆ U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75													.0					1	1		
72/ 71												.0						1	1		
70/ 69										.0	.1	.0						4	4		
68/ 67											.1	.0						3	3		
66/ 65						.0		.0			.0	.1						7	7		
64/ 63					.1	.1	.1	.2	.1	.1	.1							24	24		
62/ 61				.0	.1		.1	.2	.4	.6	.2	.1						51	51		
60/ 59			.0	.2	.1	.1	.3	.6	.6	.8	.1							85	85		
58/ 57		.0	.2	.2	.4	.5	.6	1.4	1.1	.÷	.0							147	147		
56/ 55		.1	.2	.4	.6	.6	1.6	1.8	1.0	.1								194	194	10	
54/ 53		.1	.4	.4	1.2	1.4	2.1	2.0	.7	.1								251	251	20	2
52/ 51		.4	.4	1.2	1.9	2.2	2.7	1.4	.4									313	313	33	11
50/ 49		.4	.9	1.6	2.0	2.9	2.9	1.3	.4									363	363	66	20
48/ 47		.4	1.7	1.6	2.6	2.2	2.4	.5	.1									338	338	102	28
46/ 45		.6	1.7	1.7	1.9	1.6	1.2	.6										272	272	219	47
44/ 43	.0	.6	1.9	1.5	1.3	1.7	.9	.2										240	240	382	54
42/ 41	.1	1.5	1.2	1.0	1.5	.9	.2											193	193	445	100
40/ 39	.2	1.7	1.2	1.1	1.4	.6	.1											189	189	492	136
38/ 37	.2	.9	.8	.8	.9	.4	.0											121	121	402	210
36/ 35	.1	.6	.7	.8	.4	.1	.1											82	82	266	207
34/ 33	.1	.4	.4	.4	.3	.1												48	48	224	226
32/ 31	.0	.3	.1	.1	.2													23	23	149	210
30/ 29	.0		.1	.0														6	6	88	222
28/ 27				.1	.1													5	5	34	214
26/ 25				.1														3	3	22	200
24/ 23																				2	182
22/ 21																				4	206
20/ 19																				4	133
18/ 17																					138
16/ 15																					127
14/ 13																					104
12/ 11																					60
10/ 9																					34
8/ 7																					41

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 USAFETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

PAGE 2 | 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
6/ 5																					16
4/ 3																					20
2/ 1																					9
0/ -1																					4
-4/ -5																					2
-6/ -7																					1
TOTAL	.7	7.9	12.1	13.3	16.9	15.5	15.3	10.1	5.0	2.3	.6	.3	.0					2964	2964		2964
																				2964	

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.	8524990	146744	49.5	20.620	2964							
Dry Bulb	6957976	142112	47.9	6.978	2964		1.2	.3	.0			93
Wet Bulb	4698965	116951	39.5	5.337	2964		9.5					93
Dew Point	2586335	82503	27.8	9.891	2964	.2	60.3					93

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

☆ U.S. GOVERNMENT PRINTING OFFICE—1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
80/ 79																			1			
74/ 73												.0						1	1			
72/ 71												.0						1	1			
70/ 69								.0			.1	.1						5	5			
68/ 67								.0	.1	.1	.2							14	14			
66/ 65							.0	.0	.2	.1	.4	.1	.0					25	25			
64/ 63					.0	.0	.2	.1	.5	.4	.4	.1						49	49			
62/ 61				.1	.2		.4	.4	.7	.8	.2							86	86			
60/ 59				.2	.2	.3	.4	1.2	1.5	.8	.2							142	142			
58/ 57		.1	.2	.4	.2	.6	1.2	1.7	1.3	.4	.1							186	186			
56/ 55		.0	.1	.4	.5	1.1	1.8	1.6	.8	.3								194	194	10		
54/ 53		.1	.5	.4	1.2	1.8	1.8	1.7	.7	.2								250	250	22	6	
52/ 51		.3	.6	.9	1.6	2.1	2.3	1.8	.4	.0								299	299	39	8	
50/ 49	.1	.3	.8	1.4	2.2	2.2	1.9	.9	.2									297	297	95	16	
48/ 47		.4	1.3	1.8	2.1	2.0	2.0	.8	.1									311	311	143	40	
46/ 45		.5	1.4	1.8	1.8	1.8	1.0	.4	.0									259	259	274	41	
44/ 43		.8	2.2	1.2	1.2	1.2	.8	.1										223	223	411	40	
42/ 41	.1	1.4	1.5	.9	1.1	1.3	.3											197	197	428	90	
40/ 39	.1	1.0	1.1	1.0	1.1	.7	.1											154	154	458	163	
38/ 37	.2	1.1	.8	1.1	.7	.3	.1											129	130	346	187	
36/ 35	.1	.6	.5	.5	.5	.1												67	67	265	206	
34/ 33	.1	.4	.5	.2	.1	.0												39	39	190	240	
32/ 31		.3	.2	.3	.2	.0												28	28	142	265	
30/ 29	.0	.0	.1															5	5	86	231	
28/ 27		.0	.0	.0	.0													4	4	30	191	
26/ 25				.0														1	1	17	211	
24/ 23																				7	198	
22/ 21				.0														1	1	1	173	
20/ 19																				2	139	
18/ 17																				1	144	
16/ 15																					107	
14/ 13																					80	
12/ 11																					59	
10/ 9																					56	

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AEB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (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
8/ 7																					32
6/ 5																					20
4/ 3																					14
2/ 1																					3
0/ -1																					4
-4/ -5																					1
-6/ -7																					2
TOTAL	.6	7.	11.	9	12.	7	15.	0	15.	7	14.	3	10.	8	6.	6	3.	2	1.	6	.3	.0		2969		2967
																		2967		2967	

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.	8187857	143537	48.4	20.479	2967							
Dry Bulb	7273908	145220	48.9	7.588	2969		1.2	.7	.1	.0		93
Wet Bulb	4836186	118682	40.0	5.472	2967		9.0					93
Dew Point	2617540	83292	28.1	9.704	2967	.2	60.5					93

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

* U. S. GOVERNMENT PRINTING OFFICE: 1974 762-6/10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.0	.1	.1	5	5		
84/ 83														.1	.1	.1	.0	8	8		
82/ 81											.1		.0	.1	.3	.1		15	15		
80/ 79										.0	.0		.1	.4	.5	.1	.0	34	34		
78/ 77										.0		.1	.3	.8	.2	.0		50	50		
76/ 75										.0	.2	.8	.8	.9	.1	.0		86	86		
74/ 73								.1	.1	.2	.8	1.2	1.3	.4	.0			122	122		
72/ 71								.1	.3	.6	1.1	1.9	1.0	.2	.0			160	160		
70/ 69						.0	.1	.2	.4	1.6	2.3	1.6	.8	.2				213	213		
68/ 67						.1	.3	.6	1.0	1.7	2.1	1.4	.4	.0				224	224		
66/ 65					.1	.2	.2	1.0	1.4	2.0	2.3	.9	.1					245	245		
64/ 63				.0	.1	.2	.8	1.5	2.0	2.4	1.4	.4	.1					264	265	1	
62/ 61			.0	.1	.1	.6	.9	1.8	1.8	2.0	.7	.2						242	242	3	
60/ 59			.1	.1	.4	.7	1.5	1.6	2.0	1.1	.5	.0						239	239	6	
58/ 57		.0	.0	.2	.6	1.0	1.6	1.4	1.3	.7	.1	.1						211	211	28	
56/ 55			.1	.3	.8	1.0	1.0	1.2	1.3	.3								181	181	77	1
54/ 53			.2	.4	.6	1.1	1.1	.9	.6	.1	.0							151	151	192	9
52/ 51		.0	.3	.4	1.0	.8	.5	.5	.5	.0								122	122	330	10
50/ 49		.1	.1	.7	1.0	1.0	.7	.3	.1									120	120	461	28
48/ 47		.2	.5	.8	.5	.6	.4	.4	.0									102	102	448	44
46/ 45	.0	.2	.5	.4	.3	.4	.2	.1										62	62	422	49
44/ 43		.5	.5	.1	.2	.1	.2	.0										52	52	342	63
42/ 41	.0	.4	.3	.1	.0	.1	.0											31	31	276	133
40/ 39		.3	.1		.0	.1												14	14	177	170
38/ 37		.1		.0		.0												4	4	102	210
36/ 35		.0	.0															2	2	52	229
34/ 33		.1				.0												5	5	27	235
32/ 31																			1	17	232
30/ 29					.0													1	1	1	232
28/ 27																				1	209
26/ 25																				1	226
24/ 23																					184
22/ 21																				1	158
20/ 19																					107

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) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAR 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
18/ 17																					104
16/ 15																					98
14/ 13																					70
12/ 11																					54
10/ 9																					39
8/ 7																					27
6/ 5																					17
4/ 3																					9
2/ 1																					6
0/ -1																					5
-2/ -3																					2
-4/ -5																					2
-6/ -7																					2
-8/ -9																					2
TOTAL	.1	2.0	2.9	3.8	5.9	8.3	9.6	11.7	12.6	12.8	11.7	8.6	5.3	3.1	1.3	.3	.1	2965	2967	2965	2965

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.	4250120	98952	33.4	17.882	2965							
Dry Bulb	11462921	182441	61.5	9.081	2967		.1	28.7	10.0	1.3		93
Wet Bulb	6466762	137642	46.4	5.101	2965		.7					93
Dew Point	2817302	86628	29.2	9.828	2965	.4	56.0					93

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

U. S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.0	1	1		
90/ 89																	.4	13	13		
88/ 87																.2	.5	20	20		
86/ 85										.0		.0		.1	.2	.6	.5	42	42		
84/ 83											.0	.0	.1	.2	.5	1.2	.4	71	71		
82/ 81								.0					.0	.7	1.7	1.4	.5	129	129		
80/ 79										.1	.1	.3	1.1	1.5	2.1	.3	.2	167	167		
78/ 77								.0	.1	.0	.3	.8	1.7	2.0	1.0	.2		185	185		
76/ 75									.2	.2	.5	1.9	2.5	2.3	.6	.1		248	248		
74/ 73								.0	.2	.3	1.1	1.8	3.0	1.4	.3			241	241		
72/ 71								.1	.3	.7	1.0	2.1	2.6	.3	.2			236	236		
70/ 69							.1	.3	.9	1.2	1.9	2.2	1.3	.2				241	241		
68/ 67							.3	.5	1.1	1.5	1.4	1.7	.5	.1				211	211	2	
66/ 65						.2	.2	.7	1.2	1.6	1.5	.9	.1	.0				195	195	1	
64/ 63				.0		.2	.3	1.0	1.2	1.3	1.3	.4	.1					179	179	2	
62/ 61			.1	.0	.1	.3	.6	1.1	.9	1.4	.7	.1	.1					161	161	8	1
60/ 59		.0		.0	.2	.4	.5	1.1	1.0	.6	.4							129	129	24	
58/ 57				.2	.3	.5	.8	.9	.9	.5	.2							130	130	87	1
56/ 55			.0	.1	.1	.8	.5	.4	.5	.3								80	80	231	5
54/ 53			.1	.2	.2	.5	.5	.6	.3									69	69	384	5
52/ 51		.1	.1	.3	.4	.4	.3	.3	.3									66	66	487	9
50/ 49	.0	.1	.2	.4	.2	.3	.3	.1	.3									57	57	514	23
48/ 47			.5	.3	.2	.0	.0	.1										35	35	372	31
46/ 45		.1	.4	.1	.0	.1		.1										23	23	321	42
44/ 43	.0	.4	.2	.0			.0											19	19	232	55
42/ 41	.1	.1	.0				.0											6	6	138	112
40/ 39	.0	.0					.0											3	3	92	131
38/ 37	.0	.1	.0															5	5	41	164
36/ 35			.1															2	2	14	201
34/ 33																				11	216
32/ 31																				2	209
30/ 29																				1	234
28/ 27																					200
26/ 25																					237

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

U S GOVERNMENT PRINTING OFFICE - 1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,46-75 YEARS | MAR 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
24/ 23																					227
22/ 21																					192
20/ 19																					167
18/ 17																					147
16/ 15																					115
14/ 13																					71
12/ 11																					51
10/ 9																					34
8/ 7																					31
6/ 5																					15
4/ 3																					12
2/ 1																					4
0/ -1																					5
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
-8/ -9																					2
-10/-11																					2
-16/-17																					1
-20/-21																					2
TOTAL	.2	.9	1.9	1.8	1.8	3.7	4.5	7.5	9.5	9.8	11.1	12.4	13.2	9.0	6.6	3.9	2.5	2964	2964	2964	2964

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.	2675048	75540	25.5	15.908	2964							
Dry Bulb	14139417	202673	68.4	9.738	2964			56.6	35.0	10.8		93
Wet Bulb	7197348	145332	49.0	4.908	2964		.1	.1				93
Dew Point	2601729	82827	27.9	9.845	2964	.5	61.7					93

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

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAR 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
92/ 91																	.0	1	1		
90/ 89															.0	.0	.4	14	14		
88/ 87											.0					.1	.8	29	30		
86/ 85														.1	.2	.7	.9	56	56		
84/ 83														.2	.9	1.5	.9	105	105		
82/ 81												.1	.3	.5	2.2	1.8	.7	169	169		
80/ 79												.3	.7	1.6	2.7	.4	.1	174	174		
78/ 77								.0		.1	.3	.8	1.7	2.7	1.7	.5	.1	233	234		
76/ 75								.0	.0	.1	.5	1.1	2.6	2.6	.4	.1		229	230		
74/ 73									.2	.5	.6	2.3	2.6	1.9	.3			248	248		
72/ 71								.1	.3	.7	1.7	2.6	2.5	.5	.1			251	251		
70/ 69								.1	.3	1.0	1.8	1.9	1.3	.4	.1			203	203		
68/ 67						.0	.2	.1	1.0	1.7	1.4	1.8	.4	.1				199	199	1	
66/ 65						.0	.1	.6	1.3	1.5	1.4	.8	.1	.0				172	172	1	
64/ 63					.1	.1	.3	1.0	1.2	1.1	1.6	.4	.1					181	181		
62/ 61			.1	.1	.2	.2	.6	.8	.8	.9	.4	.2						128	128	2	
60/ 59			.0	.1	.1	.4	.4	1.3	1.4	.9	.5	.1						153	153	16	
58/ 57			.1	.2	.2	.3	.9	.5	.4	.2								83	83	85	2
56/ 55		.0	.1	.1	.3	.2	.5	.7	.4	.4								81	81	225	4
54/ 53		.1	.1	.1	.4	.3	.6	.5	.5	.1								82	82	393	2
52/ 51		.0	.1	.3	.3	.3	.3	.2	.1	.1								50	50	581	11
50/ 49		.1	.0	.4	.1	.0	.2											25	25	510	20
48/ 47		.1	.4	.3	.1	.1	.1	.2										38	38	376	26
46/ 45		.2	.3	.1	.0			.0										20	20	296	34
44/ 43		.3	.2	.0	.0													17	17	205	51
42/ 41		.2		.1														7	7	134	89
40/ 39	.0	.1	.1															6	6	74	128
38/ 37	.1	.1																5	5	44	135
36/ 35																				12	177
34/ 33																				6	171
32/ 31																					228
30/ 29																					230
28/ 27																					252
26/ 25																					240

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45.48-75 YEARS — MAR 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
24/ 23																						241
22/ 21																						208
20/ 19																						149
18/ 17																						174
16/ 15																						137
14/ 13																						75
12/ 11																						57
10/ 9																						36
8/ 7																						33
6/ 5																						20
4/ 3																						8
2/ 1																						6
0/ -1																						3
-2/ -3																						1
-4/ -5																						2
-6/ -7																						3
-8/ -9																						2
-10/-11																						1
-12/-13																						1
-14/-15																						2
TOTAL	.1	1.3	1.6	1.9	1.8	2.1	4.2	6.1	8.0	9.3	10.2	12.4	12.4	10.8	8.7	5.2	4.0		2959	2962	2959	2959

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.	2489049	71229	24.1	16.180	2959							
Dry Bulb	14581338	205762	69.5	9.856	2962			60.1	39.6	14.2		93
Wet Bulb	7241719	145739	49.3	4.639	2959			.0				93
Dew Point	2453983	80267	27.1	9.671	2959	.5	66.3					93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB / ARIZONA(TUCSON) STATION NAME — 42-45,48-75 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
90/ 89																	.0	1	1		
86/ 85																.0	.1	3	3		
84/ 83													.0		.1	.3	.2	20	21		
82/ 81													.0	.1	.2	.5	.3	33	33		
80/ 79													.3	.5	1.0	.3		61	61		
78/ 77											.1	.1	.3	.9	.5	.0		57	57		
76/ 75										.1	.2	.5	1.1	1.6	.4	.0		115	115		
74/ 73									.0	.1	.6	.9	1.8	1.2	.1			142	142		
72/ 71								.1	.2	.5	1.3	1.9	1.9	.6	.0			189	189		
70/ 69								.1	.5	1.1	2.2	2.8	1.3	.3				243	243		
68/ 67						.0	.1	.4	.8	2.2	2.7	1.8	.8	.1				267	267		
66/ 65					.0	.0	.3	.7	1.4	2.8	2.4	1.2	.1					266	266		
64/ 63				.1	.1	.3	.5	1.1	2.2	1.9	1.6	.5	.2					252	252		
62/ 61			.0	.1	.2	.5	1.1	1.7	1.5	1.6	.8	.3	.1					232	232		
60/ 59			.0	.1	.3	.6	1.0	1.9	1.7	1.0	.5	.0						216	216	1	
58/ 57			.1	.3	.3	.8	1.2	1.3	1.2	.9	.2	.0						189	189	18	
56/ 55		.0	.2	.2	.5	.7	1.2	1.0	1.0	.4	.0							158	158	67	3
54/ 53		.2	.1	.2	.7	.8	.7	1.0	.5	.1	.0							132	132	176	3
52/ 51		.1	.2	.4	.6	.6	.7	.9	.2									112	112	352	13
50/ 49		.1	.3	.3	.6	.3	.4	.3	.1									73	73	521	18
48/ 47		.2	.5	.4	.2	.5	.2	.2										66	66	521	32
46/ 45		.4	.5	.4	.1	.2	.2	.1										59	59	454	38
44/ 43		.4	.3	.1	.1	.0	.1	.1										35	35	289	62
42/ 41	.1	.3	.2	.1	.1	.1												24	24	241	96
40/ 39		.2	.1		.0													8	8	162	147
38/ 37	.0	.1	.0															6	6	93	161
36/ 35																				36	192
34/ 33																				16	198
32/ 31																				12	219
30/ 29																					218
28/ 27																					189
26/ 25																					253
24/ 23																					204
22/ 21																					209

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					156
18/ 17																					152
16/ 15																					112
14/ 13																					90
12/ 11																					66
10/ 9																					52
8/ 7																					28
6/ 5																					17
4/ 3																					10
2/ 1																					8
0/ -1																					4
-2/ -3																					2
-4/ -5																					5
-6/ -7																					1
TOTAL	.1	2.0	2.7	2.7	4.0	5.6	7.8	10.8	11.6	12.7	12.6	10.1	7.9	5.2	2.3	1.2	.0	2959	2960	2959	2959

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
Ref. Hum.	3608431	88691	30.0	17.922	2959							
Dry Bulb	12069713	187135	63.2	8.983	2960			35.6	13.6	2.3		93
Wet Bulb	6518023	138195	46.7	4.047	2959		.4					93
Dew Point	2541713	81669	27.6	9.861	2959	.4	62.7					93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79														.0	.1			3	3		
76/ 75													.0	.1	.0			5	5		
74/ 73								.0			.1	.0	.3	.0				13	13		
72/ 71											.1	.4	.4					28	28		
70/ 69								.1		.4	.4	.9	.5	.1				71	71		
68/ 67							.1	.1	.2	.9	.6	.8	.4					92	92		
66/ 65							.2	.4	.8	1.2	1.5	.6	.0					143	143		
64/ 63					.0	.3	.4	.9	1.4	2.2	1.8	.4						221	221		
62/ 61				.1	.2	.3	.5	1.5	2.3	2.2	.5	.2						231	231		
60/ 59			.1	.2	.5	.8	1.9	2.5	2.8	1.6	.7							327	327	1	
58/ 57			.1	.3	.7	1.1	1.8	2.7	2.3	1.0	.3							305	305	1	
56/ 55		.1	.2	.5	1.2	1.2	2.3	2.0	1.4	.7	.0							287	287	23	1
54/ 53		.2	.5	.6	1.0	1.3	2.1	1.8	1.2	.2								267	267	41	3
52/ 51		.1	.4	.9	1.3	1.2	1.3	.9	.6	.2								208	208	127	16
50/ 49		.2	1.0	1.3	1.3	1.1	1.6	1.1	.2									231	231	224	25
48/ 47		.3	1.1	.9	.8	.9	.7	.4	.1									156	156	390	34
46/ 45		.5	.7	.6	.7	.6	.5	.2										115	115	523	49
44/ 43		.7	.8	.7	.5	.3	.4	.1										103	103	486	9:
42/ 41	.1	.7	.6	.3	.6	.3	.4	.0										86	86	395	116
40/ 39		.5	.1	.1	.1	.2	.1											35	35	292	156
38/ 37		.3	.1	.2	.0	.1	.0											22	22	209	191
36/ 35			.2	.1	.0	.1												10	10	122	195
34/ 33		.1		.0														3	3	63	192
32/ 31																				38	200
30/ 29																				22	244
28/ 27																				3	202
26/ 25																				2	215
24/ 23																					183
22/ 21																					196
20/ 19																					135
18/ 17																					117
16/ 15																					103
14/ 13																					78
12/ 11																					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

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45.48-75 YEARS — MAR MONTH

PAGE 2 — 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
10/ 9																					56
8/ 7																					37
6/ 5																					21
4/ 3																					15
2/ 1																					11
0/ -1																					5
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	.1	3.6	5.9	6.8	9.0	10.0	14.2	14.8	13.4	10.6	6.0	3.3	1.6	.3	.1				2962		2962	2962
																		2962		2962		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5685824	115772	39.1	19.800	2962							
Dry Bulb	9371503	165071	55.7	7.625	2962			6.7	.7	.0		93
Wet Bulb	5676151	128857	43.5	4.877	2962		2.0					93
Dew Point	2679610	83786	28.3	10.225	2962	.3	59.4					93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75												.0						1	1		
74/ 73												.3	.1	.1				12	12		
72/ 71									.0	.2	.2	.7	.3	.1				47	47		
70/ 69						.0	.0	.1	.3	.3	.9	1.0	.3	.1				88	88		
68/ 67							.1	.3	.5	.9	1.7	1.0	.4					141	141		
66/ 65					.1	.1	.4	.6	1.4	1.9	1.7	.5	.1					194	194		
64/ 63					.1	.4	.4	1.2	1.9	2.5	1.5	.7	.1					255	255		
62/ 61				.2	.2	.5	.7	1.4	2.3	2.9	.6	.4						260	260		
60/ 59				.3	.2	.5	1.2	2.7	3.8	1.9	.8	.1						330	330	1	
58/ 57		.1	.3	.2	.3	1.4	1.5	2.5	2.8	1.6	.6							327	327	9	
56/ 55			.3	.1	.6	1.5	2.2	2.9	1.7	1.1	.2							305	305	22	2
54/ 53		.1	.3	.3	.5	.9	2.2	2.2	1.6	.5								247	247	81	3
52/ 51			.1	.1	1.0	1.1	1.7	1.6	.7	.2								191	191	126	21
50/ 49		.3	.4	.4	.4	.9	1.5	.9	.4									146	146	242	22
48/ 47		.5	.8	.7	.3	1.0	.7	.5	.1									134	134	373	31
46/ 45		.3	.6	.3	.7	.4	.3	.3										83	83	485	57
44/ 43		.3	.3	.3	.2	.3	.2	.1										52	52	449	50
42/ 41	.0	.2	.1	.2	.2	.0	.1											25	25	402	79
40/ 39	.0	.3	.1	.1	.0	.1	.1											20	20	267	116
38/ 37	.0	.0		.1	.0		.0											7	7	237	137
36/ 35																				91	152
34/ 33																				61	157
32/ 31																				13	176
30/ 29																				3	233
28/ 27																				2	209
26/ 25																				1	249
24/ 23																					228
22/ 21																					217
20/ 19																					161
18/ 17																					138
16/ 15																					94
14/ 13																					66
12/ 11																					103
10/ 9																					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												

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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																					37
6/ 5																					19
4/ 3																					17
2/ 1																					12
0/ -1																					3
-2/ -3																					1
TOTAL	.1	2.1	3.4	3.4	5.2	9.2	13.3	17.3	17.6	14.1	8.3	4.7	1.2	.2			2865	2865	2865	2865	

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.	4187214	97718	34.1	17.271	2865							
Dry Bulb	9640796	164994	57.6	6.963	2865			9.1	.4			90
Wet Bulb	5598720	125898	43.9	4.812	2865		.6					90
Dew Point	2368749	77129	26.9	10.103	2865	.1	64.0					90

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

U. S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75														.0				1	1		
74/ 73													.1					2	2		
72/ 71											.1	.0	.0					4	4		
70/ 69									.2	.1	.2	.1						16	16		
68/ 67								.1	.0	.5	.7	.2	.1					47	47		
66/ 65					.0	.0	.2	.2	.5	.8	1.1	.4	.0					97	97		
64/ 63				.0	.1	.2	.5	.7	1.4	1.5	1.1	.2						165	165		
62/ 61				.1	.1	.4	.7	1.3	1.8	2.0	.3	.0						194	194		
60/ 59			.0	.1	.2	.4	.9	2.3	2.6	1.1	.4	.1						234	234		
58/ 57			.1	.3	.4	1.1	1.7	2.8	2.9	.3	.3							286	286	4	
56/ 55		.2	.2	.5	.9	1.0	2.4	3.2	1.8	.8	.0							318	318	13	
54/ 53		.1	.2	.3	.8	1.9	3.6	2.3	1.5	.7	.0							326	326	39	4
52/ 51		.2	.2	.6	1.2	2.4	3.2	1.7	.9	.4								312	312	67	15
50/ 49		.1	.6	.8	1.1	2.1	2.2	1.3	.6	.0								253	253	145	14
48/ 47		.3	.5	1.0	.8	1.3	1.9	.9	.4									207	207	266	30
46/ 45		.1	.5	.7	1.3	1.6	.8	.6										159	159	381	34
44/ 43	.0	.2	.7	.1	.7	.6	.6	.1										88	88	469	68
42/ 41		.7	.6	.3	.5	.3	.1	.0										76	76	464	65
40/ 39	.0	.5	.2	.2	.2	.3												43	43	352	102
38/ 37	.1	.1	.3	.2	.1		.0											22	22	288	160
36/ 35	.1	.1		.2	.0													10	10	197	150
34/ 33		.0			.0													2	2	106	166
32/ 31																				50	201
30/ 29																				18	227
28/ 27																				1	238
26/ 25																				2	234
24/ 23																					235
22/ 21																					207
20/ 19																					184
18/ 17																					124
16/ 15																					102
14/ 13																					61
12/ 11																					88
10/ 9																					67

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 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																					31
6/ 5																					24
4/ 3																					11
2/ 1																					12
0/ -1																					5
-2/ -3																					2
-4/ -5																					1
TOTAL	.2	2.6	4.3	5.4	8.7	13.7	18.8	17.5	14.7	8.4	4.3	1.2	.2	.0				2862		2862	
																	2862		2862		

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.	5074188	109392	38.21	17.667	2862							
Dry Bulb	8486760	154630	54.0	6.800	2862			2.2	.1			90
Wet Bulb	5158342	120692	42.2	4.900	2862		2.2					90
Dew Point	2339716	7'	26.9	9.757	2862	.3	64.6					90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | APR 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
82/ 81													.0	.0	.0			3	3		
80/ 79													.0	.1				3	3		
78/ 77												.1	.3	.1	.0			18	18		
76/ 75										.0	.1	.3	.2	.1				23	23		
74/ 73										.1	.2	.5	.3	.1				34	34		
72/ 71							.0		.2	.1	.5	.6	.4	.1				55	55		
70/ 69								.1	.3	1.0	1.5	.8	.2	.1				117	117		
68/ 67							.2	.4	.8	1.0	1.4	.5	.2	.0				131	131		
66/ 65						.2	.3	.7	1.3	1.6	1.9	.4	.2					186	186		
64/ 63					.1	.3	.4	1.3	2.5	2.0	1.4	.4	.1					243	243		
62/ 61				.0	.2	.5	.8	1.5	1.9	1.7	.6	.1						212	212		
60/ 59			.1	.2	.3	.8	1.3	2.5	2.3	1.3	.4	.0						266	266	1	
58/ 57			.1	.1	.4	.9	1.5	2.3	2.3	.9	.1							249	249	4	
56/ 55		.0	.3	.2	.8	1.0	2.0	2.6	1.2	.8	.1							259	259	46	
54/ 53		.1	.2	.6	.7	1.7	1.7	2.1	.9	.4								244	244	109	2
52/ 51		.0	.2	.3	1.1	1.5	2.2	1.3	.3	.2								207	207	167	10
50/ 49		.1	.5	.9	.6	1.5	1.6	1.1	.6									197	197	301	18
48/ 47		.1	.3	.9	.8	1.1	1.3	.3	.0									141	141	343	31
46/ 45		.1	.3	.7	.6	1.1	.6	.3	.1									108	108	397	51
44/ 43		.1	.5	.2	.6	.3	.3	.1										62	62	402	64
42/ 41		.3	.5	.5	.2	.2	.1											50	50	354	87
40/ 39	.1	.3	.3	.1	.2	.1	.0											33	33	301	116
38/ 37		.2	.1	.2	.1	.1	.0											22	22	197	170
36/ 35				.0	.0													2	2	149	194
34/ 33																				52	211
32/ 31																				30	221
30/ 29																				9	247
28/ 27																				2	211
26/ 25																				1	243
24/ 23																					206
22/ 21																					181
20/ 19																					159
18/ 17																					108
16/ 15																					87

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 64

U S GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 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
14/ 13																					67
12/ 11																					66
10/ 9																					60
8/ 7																					19
6/ 5																					17
4/ 3																					8
2/ 1																					5
0/ -1																					5
-10/-11																					1
TOTAL	.1	1.4	3.5	5.0	6.9	11.5	14.6	16.6	14.7	11.2	8.2	3.8	2.0	.7	.1			2865			2865
																	2865		2865		

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.	4457131	102445	35.8	16.650	2865							
Dry Bulb	9613410	164302	57.3	8.157	2865			12.1	2.5	.2		90
Wet Bulb	5651349	126335	44.1	5.301	2865		1.3					90
Dew Point	2515450	80442	28.1	9.470	2865	.2	60.0					90

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — APR 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
96/ 95																	.0	1	1		
94/ 93																	.0	1	1		
92/ 91																.0	.2	6	6		
90/ 89																.1	.7	23	23		
88/ 87															.2	.8	.8	51	51		
86/ 85														.2	.6	.8	.3	55	55		
84/ 83													.1	.7	1.5	.8	.1	94	94		
82/ 81											.0	.1	.5	1.5	1.6	.5	.2	130	130		
80/ 79									.0	.0	.2	.4	1.1	2.0	1.4	.2	.3	160	160		
78/ 77								.0		.0	.5	1.2	2.1	2.3	.7	.6		215	215		
76/ 75									.1	.3	1.4	2.0	2.3	1.8	.7	.2		251	251		
74/ 73									.2	.8	1.7	2.3	2.1	1.6	.6			265	265		
72/ 71						.1		.2	.7	1.1	2.0	2.3	2.1	.6	.3			268	268		
70/ 69							.1	.7	.6	1.6	2.0	2.5	1.2	.3		.0		263	263		
68/ 67							.3	.5	.7	1.6	2.3	1.3	.5					207	207		
66/ 65					.0	.1	.5	.5	1.4	1.5	1.4	1.0	.2					191	191	1	
64/ 63				.0	.0	.2	.4	.5	1.5	1.3	1.2	.5						170	170	2	
62/ 61					.1	.2	.2	.8	.9	.9	.5	.0						107	107	7	
60/ 59					.1	.3	.8	.9	1.1	.6	.3							114	114	52	
58/ 57					.1	.3	.8	.6	.7	.3	.1	.0						88	88	188	2
56/ 55			.1	.1	.4	.4	.6	.3	.5	.2								72	72	347	4
54/ 53			.1	.1	.2	.1	.4	.4	.1	.1								41	41	396	2
52/ 51			.2	.2	.2	.2	.2	.1	.1	.1								38	38	408	2
50/ 49		.1	.1	.3	.2	.2	.1											29	29	440	12
48/ 47			.1	.1	.2	.0												12	12	422	42
46/ 45		.0	.1	.1	.0													8	8	267	56
44/ 43			.1	.1														4	4	157	82
42/ 41			.1															2	2	108	100
40/ 39			.0															1	1	48	113
38/ 37																				15	191
36/ 35																				7	208
34/ 33																				2	242
32/ 31																					256
30/ 29																					243

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

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — APR 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
28/ 27																					215
26/ 25																					219
24/ 23																					179
22/ 21																					203
20/ 19																					154
18/ 17																					129
16/ 15																					90
14/ 13																					58
12/ 11																					23
10/ 9																					13
8/ 7																					11
6/ 5																					7
4/ 3																					3
2/ 1																					4
0/ -1																					2
-2/ -3																					1
-8/ -9																					1
TOTAL		.1	.8	1.0	1.6	2.3	4.3	6.0	8.6	10.5	13.5	13.7	12.1	11.0	7.5	4.1	2.8		2867		2867
																		2867		2867	

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.	2117662	68810	24.0	12.754	2867							
Dry Bulb	14492561	202243	70.5	8.880	2867			02.5	39.3	13.7	.1	90
Wet Bulb	7301121	144047	50.2	4.716	2867							90
Dew Point	2673777	83763	29.2	8.891	2867	.1	56.9					90

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

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-43,48-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.0	1	1		
98/ 97																	.1	2	2		
96/ 95																	.9	25	25		
94/ 93																	1.9	53	53		
92/ 91															.0	.3	2.6	85	85		
90/ 89														.1	.1	.4	3.3	111	111		
88/ 87														.2	.3	1.6	2.2	124	124		
86/ 85											.0	.0	.1	.2	1.6	2.7	1.5	179	179		
84/ 83										.1	.0	.2	.2	1.3	2.2	3.2	1.5	250	250		
82/ 81										.0	.0	.4	1.0	2.3	3.1	1.7	1.1	277	277		
80/ 79									.0	.0	.1	.9	1.9	2.7	3.1	.5	.8	290	290		
78/ 77									.0	.0	.4	1.1	1.8	2.6	1.5	.5		228	228		
76/ 75							.0	.0	.0	.3	.4	1.5	3.1	2.7	.9	.2		263	263		
74/ 73							.0		.2	.6	.7	1.6	1.9	2.3	.2			186	186		
72/ 71							.0	.0	.3	.3	1.3	1.2	1.9	.4	.1			164	164		
70/ 69							.2	.3	.2	.7	1.3	1.3	.8	.1				140	140		
68/ 67							.1	.2	.4	.8	1.3	.9	.2					114	114		
66/ 65							.1	.3	.5	.8	.7	.4	.1					83	83	6	
64/ 63						.1	.1	.2	.6	.6	.6	.2	.1					74	74	10	
62/ 61							.1	.3	.4	.3	.3	.1	.0					48	48	45	
60/ 59					.2	.2	.3	.3	.2	.4	.1	.0						54	54	151	
58/ 57				.1	.0	.2	.2	.2	.2	.1	.1							32	32	398	
56/ 55				.0	.1	.2	.2	.2	.1		.1							31	31	446	7
54/ 53		.1	.1	.2	.2	.1	.2	.1										29	29	437	4
52/ 51		.0			.1	.0	.0											5	5	483	1
50/ 49		.1	.1	.0	.0	.1												11	11	369	18
48/ 47		.0	.0	.0														3	3	240	35
46/ 45				.0														1	1	142	46
44/ 43		.0																1	1	68	47
42/ 41																				49	77
40/ 39																				14	90
38/ 37																				5	125
36/ 35																				1	165
34/ 33																					200

Element (Y)	$\Sigma x'$	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	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MONTHAN AFB ARIZONA(TUCSON) 42-45,48-75 APR
STATION STATION NAME YEARS 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
32/ 31																					249
30/ 29																					284
28/ 27																					262
26/ 25																					256
24/ 23																					234
22/ 21																					227
20/ 19																					186
18/ 17																					147
16/ 15																					89
14/ 13																					36
12/ 11																					27
10/ 9																					20
8/ 7																					9
6/ 5																					2
4/ 3																					6
2/ 1																					3
0/ -1																					6
-4/ -5																					1
-8/ -9																					1
-10/-11																					1
TOTAL		.3	.3	.4	.7	.9	1.7	2.3	3.4	5.0	7.6	9.9	13.3	13.3	13.3	11.2	15.9	2864	2864	2864	2861

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours - ith Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb	1311866	52910	18.5	10.856	2861							
Dry Bulb	17272965	220659	77.1	9.173	2864			78.3	65.2	39.7	2.5	90
Wet Bulb	7975[illegible]	150569	52.6	4.549	2864							90
Dew Point	2466916	80332	28.1	8.596	2861	.3	64.4					90

USAFETAC FORM 0-05 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — APR MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	2	2		
100/ 99																	.0	1	1		
98/ 97																	.3	10	10		
96/ 95																	1.0	30	30		
94/ 93																	2.6	73	73		
92/ 91															.0	.0	2.7	79	79		
90/ 89													.0		.0	.4	4.0	127	127		
88/ 87													.0	.0	.3	1.3	3.8	157	157		
86/ 85											.1	.1	.1	.4	1.4	3.8	2.9	248	248		
84/ 83									.0			.0	.4	1.1	2.3	3.6	1.8	265	265		
82/ 81											.0	.3	.8	2.0	4.2	2.5	1.4	323	323		
80/ 79											.1	.4	1.1	2.8	3.7	1.0	.3	270	270		
78/ 77										.0	.3	.7	1.5	2.8	1.9	.3		217	217		
76/ 75								.1	.1	.1	.2	.7	2.5	2.6	.5	.3		202	203		
74/ 73								.1	.1	.3	.6	1.6	1.5	1.1	.5			166	166		
72/ 71								.2	.1	.5	.8	1.2	1.4	.5				132	132		
70/ 69							.1	.1	.3	.2	1.6	1.7	.6	.2				137	137		
68/ 67							.1	.1	.1	.6	.9	1.0	.1	.0				88	88	1	
66/ 65						.2	.1	.2	.4	.5	.8	.5	.1					81	81	5	
64/ 63					.0	.1	.2	.4	.3	.4	.3	.2	.0					55	55	2	
62/ 61					.1	.1	.1	.5	.5	.4	.3	.2	.1					68	68	32	
60/ 59			.0		.0	.1	.2	.2	.2	.2	.1	.0						31	31	170	1
58/ 57			.0	.0		.2	.1	.1	.3	.0								26	26	353	
56/ 55			.1		.2	.1	.0	.1	.1	.0	.0							21	21	493	2
54/ 53			.2	.2	.2	.0	.0	.1										22	22	520	5
52/ 51		.1	.1	.2	.1													14	14	478	6
50/ 49		.0	.0	.1	.1	.1												9	9	349	19
48/ 47	.0	.1	.0															6	6	218	28
46/ 45		.0																1	1	135	36
44/ 43																				51	53
42/ 41																				42	57
40/ 39																				6	71
38/ 37																				5	91
36/ 35																				1	133

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45.48-75 YEARS — APR 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
34/ 33																					137
32/ 31																					214
30/ 29																					295
28/ 27																					282
26/ 25																					326
24/ 23																					278
22/ 21																					280
20/ 19																					199
18/ 17																					133
16/ 15																					82
14/ 13																					49
12/ 11																					31
10/ 9																					17
8/ 7																					11
6/ 5																					11
4/ 3																					9
2/ 1																					1
0/ -1																					1
-4/ -5																					2
-8/ -9																					1
TOTAL	.0	.3	.6	.6	.7	.8	1.0	2.2	2.7	3.4	6.2	8.7	10.3	13.5	14.7	13.3	20.9	2861	2862	2861	2861

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	1245370	49826	17.4	11.451	2861							
Dry Bulb	177567	223867	78.2	9.268	2862			79.5	68.3	46.5	3.6	90
Wet Bulb	8013777	150921	52.8	4.285	2861			.0				90
Dew Point	2312851	77759	27.2	8.344	2861	.1	69.9					90

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.1	2	2		
94/ 93																	.1	3	3		
92/ 91																	.5	13	13		
90/ 89														.0			1.1	32	32		
88/ 87															.0	.3	1.1	42	42		
86/ 85														.1	.1	1.2	1.0	72	72		
84/ 83									.0				.1	.2	1.1	2.3	.7	128	128		
82/ 81									.0			.0	.3	1.0	2.2	1.0	.9	157	157		
80/ 79									.0	.1	.1	.2	.7	2.3	3.7	.8	.6	244	244		
78/ 77								.0	.0	.1	.1	.7	2.0	3.5	1.6	.5		248	248		
76/ 75							.0	.0	.1	.2	.6	1.9	2.7	3.3	.9	.4		291	291		
74/ 73									.1	.3	.9	2.0	3.1	1.5	.5			244	244		
72/ 71							.0	.1	.3	.7	1.4	2.4	2.4	.9	.4			249	249		
70/ 69								.3	.7	1.1	1.8	3.1	1.2	.2	.0			243	243		
68/ 67						.1	.2	.3	.4	1.4	1.9	1.9	.6	.6				195	195	1	
66/ 65					.0	.3	.2	.4	.9	1.5	1.5	.6	.1	.0				164	164	4	
64/ 63					.1	.2	.1	.5	1.0	.9	1.4	.4						131	131	2	
62/ 61			.1	.1	.2	.1	.3	.5	.7	.9	.5	.1						101	101	3	
60/ 59			.1	.1	.0	.1	.5	.5	.5	.9	.3							83	83	33	2
58/ 57		.1		.0	.1	.3	.3	.3	.5	.3	.0	.0						60	60	125	2
56/ 55			.0	.1	.2	.3	.2	.1	.4	.2	.1							49	49	293	4
54/ 53		.0	.2	.1	.2	.4	.1	.2	.1	.0								37	37	451	9
52/ 51			.1	.3	.1	.1	.2	.1										26	26	482	5
50/ 49		.1	.5	.1	.0		.1		.0									26	26	532	26
48/ 47		.1	.1			.0		.0										8	8	403	29
46/ 45		.1	.1															5	5	266	35
44/ 43		.1																2	2	133	58
42/ 41		.0																1	1	75	58
40/ 39		.1																3	3	38	86
38/ 37		.1																2	2	14	103
36/ 35																				4	125
34/ 33																				2	160
32/ 31																					210
30/ 29																					228

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
Ref. 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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — APR MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					213
26/ 25																					292
24/ 23																					260
22/ 21																					246
20/ 19																					216
18/ 17																					203
16/ 15																					126
14/ 13																					71
12/ 11																					46
10/ 9																					16
8/ 7																					8
6/ 5																					6
4/ 3																					10
2/ 1																					3
0/ -1																					1
-4/ -5																					3
-6/ -7																					1
TOTAL		.7	1.2		1.1	1.9	2.4	3.4	6.0	8.6	10.7	13.5	13.1	13.3	10.7	6.6	6.0		2861		2861
																		2861		2861	

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.	1842114	60910	21.3	13.809	2861							
Dry Bulb	15082162	206192	72.1	8.809	2861			68.0	46.4	18.4	.2	90
Wet Bulb	7272205	143711	50.2	4.323	2861			.0				90
Dew Point	2300532	76930	26.9	9.006	2861	.2	67.9					90

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

U S GOVERNMENT PRINTING OFFICE : 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 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
84/ 83																.1		2	2		
82/ 81														.1	.2	.0		8	8		
80/ 79													.1	.4	.4	.0		26	26		
78/ 77											.0	.1	.6	.9	.3	.1		57	57		
76/ 75									.0		.1	.7	1.5	.8	.2	.0		97	97		
74/ 73									.1	.1	.6	1.3	1.3	.8	.3			128	128		
72/ 71						.1		.1	.2	.6	1.4	2.0	1.7	.4	.2			195	195		
70/ 69							.1	.3	.6	1.4	2.8	2.7	1.2	.3	.0			272	272		
68/ 67						.0	.2	.6	.9	2.2	3.1	2.7	.9	.2				317	317		
66/ 65				.0	.1	.	.3	1.2	1.3	2.7	3.0	1.6	.2					306	306		
64/ 63				.0		.2	.7	1.0	1.7	2.7	2.3	1.1	.5					292	292		
62/ 61			.0	.3	.3	.3	.6	1.1	2.0	2.7	1.1	.6						258	258	3	
60/ 59			.1	.2	.1	.4	1.2	1.9	2.5	1.3	.7	.0						239	239	2	
58/ 57		.2	.1	.1	.1	.5	1.1	1.0	1.9	1.0	.2							177	177	26	
56/ 55		.1	.1	.1	.3	.7	1.2	1.8	.8	.8	.1							173	173	70	6
54/ 53			.1	.1	.3	.6	.6	.9	.4	.2								89	89	191	14
52/ 51		.2	.1	.2	.2	.1	.5	.7	.5	.1								75	75	314	13
50/ 49		.2	.4	.3	.2	.4	.3	.2	.1									66	66	411	31
48/ 47		.5	.3	.2	.3	.4	.2											52	52	499	29
46/ 45		.2	.2	.0	.1	.0		.0	.0									18	18	507	44
44/ 43		.1	.0	.0														6	6	364	53
42/ 41		.0		.0	.0		.0											4	4	235	81
40/ 39		.2																6	6	146	102
38/ 37																				67	124
36/ 35																				22	146
34/ 33																				3	171
32/ 31																				1	195
30/ 29																				2	235
28/ 27																					194
26/ 25																					214
24/ 23																					240
22/ 21																					195
20/ 19																					187
18/ 17																					168

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42=45,48=75 YEARS — APR 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
16/ 15																					122
14/ 13																					89
12/ 11																					73
10/ 9																					64
8/ 7																					31
6/ 5																					9
4/ 3																					4
2/ 1																					4
0/ -1																					4
-14/-15																					1
TOTAL		1.8	1.5	1.7	2.3	3.9	6.8	10.9	13.1	15.8	15.5	12.7	8.1	3.8	1.7	.3		2863	2863	2863	2863

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.	2982151	80265	28.0	15.992	2863							
Dry Bulb	11807450	182628	63.8	7.25	2863			34.6	10.0	.7		90
Wet Bulb	6331443	134031	46.8	4.455	2863		.1					90
Dew Point	2380602	77578	27.1	9.864	2863	.2	64.4					90

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

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 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
90/ 89																	.0	1	1		
86/ 85															.1	.0		5	5		
84/ 83													.0	.1	.1	.0		6	6		
82/ 81													.1	.1				8	8		
80/ 79											.2	.2	.5	.5	.1	.0		42	42		
78/ 77								.0	.1		.1	1.1	.7	.4	.1			73	73		
76/ 75								.0		.1	.6	1.1	.9	.5	.2			104	104		
74/ 73							.0		.5	.5	1.5	1.5	1.6	.3	.0			175	175		
72/ 71							.1	.1	.8	1.1	2.4	2.4	1.4	.2	.1			258	258		
70/ 69	.0				.0	.2	.1	.2	1.0	1.7	3.5	2.9	1.0	.2				322	322	1	
68/ 67				.1	.1	.1	.4	.8	1.7	3.2	3.4	2.7	.7	.1				398	398		
66/ 65			.0	.2	.1	.3	.5	.8	1.5	3.3	3.7	2.0	.2					372	372		
64/ 63			.1	.2	.1	.3	.7	1.4	1.8	3.2	2.9	1.1	.1					349	349	4	
62/ 61	.0	.0		.1	.1	.3	.6	.7	1.8	2.5	1.1	.4						228	228	11	1
60/ 59			.0		.2	.4	.6	1.2	2.3	1.5	.4	.0						197	197	37	2
58/ 57				.0	.2	.4	.5	1.2	1.8	.7	.3							149	149	63	8
56/ 55				.1	.1	.3	.6	1.0	1.0	.4								104	104	164	16
54/ 53			.0	.1	.4	.2	.3	.5	.8	.3								75	75	256	11
52/ 51		.0		.1	.1	.1	.2	.4	.2	.1								36	36	337	11
50/ 49		.0	.1	.1	.2	.2	.0	.2	.2									28	28	497	17
48/ 47		.1		.0	.0	.0	.1	.1										12	12	439	31
46/ 45	.1		.0			.0	.1	.1										9	9	474	55
44/ 43			.1		.0	.0	.1	.0										7	7	325	72
42/ 41																				166	94
40/ 39				.0														1	1	93	133
38/ 37																				57	165
36/ 35																				21	151
34/ 33																				11	189
32/ 31																				3	228
30/ 29																					238
28/ 27																					215
26/ 25																					242
24/ 23																					239
22/ 21																					193

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with ...pe- ture						
						≤ 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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY 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																					127
18/ 17																					142
16/ 15																					120
14/ 13																					85
12/ 11																					70
10/ 9																					41
8/ 7																					30
6/ 5																					15
4/ 3																					6
2/ 1																					8
0/ -1																					1
TOTAL	.1	.2	.3	1.0	1.6	2.8	5.0	8.8	15.4	18.6	20.2	15.4	7.4	2.4	.6	.1	.0	2959	2959	2959	2959
																		2959		2959	

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.	2464982	77584	26.2	12.067	2959							
Dry Bulb	12895680	194346	65.7	6.658	2959			43.7	13.0	1.2		93
Wet Bulb	6888981	142031	48.0	4.918	2959		.1	.0				93
Dew Point	2638209	83269	28.1	9.985	2959	.0	63.0					93

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

U S GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY 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
108/107																	.0	1	1		
84/ 83										.0	.0			.1				5	5		
82/ 81									.0				.0	.0				3	3		
80/ 79											.0	.0	.0	.1				5	5		
78/ 77										.2	.1	.2	.2	.0	.1			23	23		
76/ 75									.0	.1	.1	.4	.3	.1				30	30		
74/ 73									.2	.2	.9	.5	.4	.0				68	68		
72/ 71								.1	.5	.2	1.3	1.1	.3	.0	.0			105	105		
70/ 69					.0	.1	.1	.4	.6	1.3	1.6	1.1	.2	.0				161	161		
68/ 67					.0	.1	.2	.6	1.6	2.4	2.4	1.1	.2	.0				256	256		
66/ 65			.1	.1	.2	.1	.5	1.0	2.1	3.3	2.6	.8	.1					324	324	3	
64/ 63			.0	.2	.2	.3	.8	1.4	2.8	3.8	2.6	.5	.1					376	377	1	
62/ 61			.1	.2	.2	.3	1.0	2.0	3.9	3.5	1.2	.3						377	377	5	
60/ 59			.0	.1	.2	.7	.9	1.9	3.5	2.7	.7							319	319	21	3
58/ 57				.0	.3	.7	1.0	2.1	2.5	1.5	.3							254	254	44	5
56/ 55		.0		.1	.4	.8	1.4	2.4	1.9	.6	.1							231	231	78	8
54/ 53			.0	.2	.5	.6	1.1	1.6	.8	.2								150	150	133	15
52/ 51			.0	.2	.5	.4	1.1	.9	.7	.1								115	115	258	8
50/ 49		.0	.0	.2	.3	.2	.6	.7	.2									67	67	342	19
48/ 47		.0	.2	.1	.2	.1	.4	.2	.0									41	41	457	29
46/ 45		.0	.1	.1	.1		.3	.2										23	23	508	52
44/ 43	.1		.1			.2	.1	.1										16	16	421	70
42/ 41		.0			.0	.1	.1											7	7	320	71
40/ 39					.0		.1											3	3	186	145
38/ 37																				91	154
36/ 35																				48	160
34/ 33																				26	185
32/ 31																				14	221
30/ 29																				4	230
28/ 27																					249
26/ 25																					254
24/ 23																					242
22/ 21																					181
20/ 19																					144

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total

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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY MONTH

PAGE 2 — 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
18/ 17																					135
16/ 15																					125
14/ 13																					89
12/ 11																					56
10/ 9																					38
8/ 7																					23
6/ 5																					31
4/ 3																					6
2/ 1																					10
0/ -1																					1
-4/ -5																					1
TOTAL	.1	.2	.7	1.4	3.3	4.7	9.9	15.2	21.5	20.1	14.3	6.1	1.8	.4	.1		.0	2960	2961		2960
																		2960		2960	

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.	3073286	87796	29.7	12.592	2960							
Dry Bulb	11365855	182379	61.6	6.689	2961			20.6	4.2	.4	.0	93
Wet Bulb	6355695	136333	46.1	5.082	2960		.6					93
Dew Point	2585085	82473	27.9	9.852	2960	.1	64.0					93

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.1	2	2		
90/ 89																.1		2	2		
88/ 87															.1	.1	.1	9	9		
86/ 85										.0		.1		.1	.1	.2	.0	15	15		
84/ 83												.1	.2	.2	.3	.1	.1	29	29		
82/ 81									.0	.0	.1	.2	.4	.4	.4	.2	.0	58	58		
80/ 79								.0	.0	.0	.2	.6	1.0	.9	.6	.0		102	103		
78/ 77								.0	.1	.2	.5	1.0	1.7	.9	.4	.0		144	144		
76/ 75								.1	.2	.4	1.4	1.8	1.8	1.3	.2	.0		212	213		
74/ 73							.1	.1	.5	.9	1.6	2.3	1.3	.7	.1			239	239		
72/ 71						.0	.1	.1	.5	1.5	2.1	2.0	1.0	.2	.1			227	227		
70/ 69						.2	.1	.4	.7	2.2	3.3	1.9	.7	.2				290	291		
68/ 67						.1	.3	.7	1.4	2.7	2.6	1.0	.4	.0				273	273	2	
66/ 65			.0		.2	.3	.6	.9	1.6	2.7	1.6	.7	.1					260	260	2	
64/ 63				.0	.1	.3	.4	1.0	2.0	2.0	2.1	.5	.1					249	249	6	
62/ 61					.2	.4	.7	1.3	2.1	2.1	.9	.1						228	226	21	
60/ 59				.1	.2	.5	.8	1.3	1.9	1.0	.3	.0						179	179	68	3
58/ 57		.0		.0	.1	.4	.4	1.3	1.6	.5	.0							129	129	113	4
56/ 55		.1		.1	.4	.4	.9	.9	.8	.4	.1							119	119	238	6
54/ 53			.0	.1	.4	.3	.3	.9	.4	.1								73	73	342	21
52/ 51		.0	.0	.1	.1	.2	.4	.3	.2	.0								41	41	403	12
50/ 49			.1	.1	.2	.1	.3	.3	.1									34	34	466	25
48/ 47		.1	.0	.1	.1	.2	.2	.1	.0									22	22	405	53
46/ 45		.0	.1	.0		.1	.1	.1										12	12	322	62
44/ 43	.0				.0	.0	.0											4	4	253	93
42/ 41			.1		.0	.1	.0											6	6	154	133
40/ 39							.0											1	1	80	140
38/ 37						.0												1	1	46	190
36/ 35																				20	224
34/ 33																				12	213
32/ 31																				4	258
30/ 29																				2	240
28/ 27																				1	218
26/ 25																					232

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 0-24-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY 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 Bu...	Dew Point
24/ 23																					194
22/ 21																					166
20/ 19																					132
18/ 17																					112
16/ 15																					78
14/ 13																					56
12/ 11																					40
10/ 9																					20
8/ 7																					18
6/ 5																					9
4/ 3																					4
2/ 1																					2
0/ -1																					1
-2/ -3																					1
TOTAL	.0	.3	.3	.6	1.9	3.6	5.7	9.8	14.2	16.8	16.8	12.3	9.3	4.9	2.3	.7	.4	2960	2963	2960	2960

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.	2578334	79884	27.0	11.948	2960							
Dry Bulb	13538494	198822	67.1	8.160	2963			50.4	25.5	5.2		93
Wet Bulb	7220275	145341	49.1	5.321	2960		.2	.1				93
Dew Point	29380?2	88910	30.0	9.507	2960	.1	56.0					93

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

U. S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.0	1	1		
98/ 97																	.4	12	12		
96/ 95																.0	.7	22	22		
94/ 93															.1	.2	1.4	47	47		
92/ 91											.0			.1	.2	.4	2.0	79	79		
90/ 89											.0	.1	.0	.3	.5	1.3	2.6	147	147		
88/ 87											.2	.1	.1	.5	1.5	1.9	3.1	219	219		
86/ 85												.2	.7	1.7	2.8	3.8	1.2	305	307		
84/ 83										.1	.1	.3	1.0	2.2	3.2	2.5	1.2	313	313		
82/ 81									.1	.1	.1	.7	1.5	2.9	3.6	1.6	.3	339	340		
80/ 79										.2	.7	1.2	1.9	3.6	2.3	.6	.3	318	318		
78/ 77									.2	.2	.8	1.5	2.0	2.3	1.0	.2		241	241		
76/ 75								.0	.0	.5	.8	1.8	2.3	1.3	.7			221	221		
74/ 73								.0	.2	.6	.8	1.7	1.5	.9	.2			172	172		
72/ 71								.2	.5	.4	1.0	1.4	1.1	.3	.1			143	143	1	
70/ 69								.3	.3	.5	1.0	.9	.4	.0				117	117	2	
68/ 67							.1	.2	.3	.4	.8	.5	.2	.0				76	76	7	
66/ 65						.1	.1	.3	.2	.4	.4	.5	.1					58	58	21	
64/ 63							.2	.3	.3	.2	.3	.1						40	40	67	
62/ 61				.0		.0	.2	.2	.3	.1	.1	.1						31	31	127	1
60/ 59						.2	.1	.1	.0	.0	.1	.0						18	18	304	4
58/ 57					.0	.1	.0		.1									7	7	456	6
56/ 55					.0	.1		.0		.0								6	6	596	4
54/ 53				.0				.0										2	2	493	9
52/ 51		.0	.0	.0														3	3	353	24
50/ 49		.1		.0			.0											4	4	258	30
48/ 47		.0																1	1	150	46
46/ 45		.0																1	1	63	87
44/ 43		.0																1	1	26	106
42/ 41	.0																	1	1	12	157
40/ 39																				8	191
38/ 37																				1	174
36/ 35																					225
34/ 33																					248

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) 3 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45.48-75 YEARS | MAY 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
32/ 31																				1	239
30/ 29																					285
28/ 27																					224
26/ 25																					236
24/ 23																					211
22/ 21																					143
20/ 19																					88
18/ 17																					69
16/ 15																					51
14/ 13																					30
12/ 11																					23
10/ 9																					14
8/ 7																					12
6/ 5																					4
4/ 3																					3
2/ 1																					1
0/ -1																			8		1
TOTAL	.0	.2	.0	.1	.1	.5	.6	1.7	3.0	3.8	7.3	11.0	12.8	16.2	16.2	12.6	13.7	2946	2949	2946	2946

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.	1282623	55337	18.8	9.007	2946							
Dry Bulb	18893175	234927	79.7	7.773	2949			87.5	76.9	52.7	2.6	93
Wet Bulb	8833331	160787	54.6	4.433	2946		.0	.3				93
Dew Point	3139806	92482	31.4	8.963	2946	.0	51.6					93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY 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
106/105																	.0	1	1		
104/103																	.2	6	6		
102/101																	.6	19	19		
100/ 99																	1.5	45	45		
98/ 97																.1	2.5	76	76		
96/ 95												.0	.0		.1	.2	5.4	170	170		
94/ 93												.0	.1	.1	.1	.4	7.5	246	246		
92/ 91												.1	.1	.0	.3	.7	9.4	315	317		
90/ 89											.0		.1	.4	.7	2.5	8.5	301	362		
88/ 87											.1	.0	.4	.7	1.2	3.2	6.2	349	349		
86/ 85											.0	.2	.6	1.2	1.6	4.0	2.7	303	303		
84/ 83												.3	.4	.5	2.2	2.7	1.5	237	237		
82/ 81											.0	.4	.7	1.2	2.0	1.3	.9	192	192		
80/ 79											.2	.4	1.2	1.5	1.4	.3	.1	151	151		
78/ 77										.0	.5	.6	.8	1.7	.6	.1		131	131		
76/ 75									.0	.3	.4	.6	1.1	1.1	.6			122	122		
74/ 73								.0		.1	.4	.4	.8	.6	.1			71	71	1	
72/ 71						.0		.1	.1	.2	.1	.5	.3	.2	.1			46	46	4	
70/ 69						.0			.1	.3	.2	.3	.1	.0				35	35	9	
68/ 67							.0	.1	.2	.1	.2	.0	.1	.0				21	21	21	
66/ 65							.0	.1	.1	.1	.1	.1	.1					19	19	46	
64/ 63			.0			.0	.1	.1		.0		.0						9	9	113	1
62/ 61						.1	.0	.0	.0	.1	.0							8	8	294	4
60/ 59							.1											3	3	498	4
58/ 57					.1				.0									3	3	596	7
56/ 55				.0			.0											2	2	549	6
54/ 53																				353	9
52/ 51			.0															1	1	239	14
50/ 49		.1	.0															3	3	141	36
48/ 47																				51	41
46/ 45		.0																1	1	13	60
44/ 43																				12	75
42/ 41																				6	108
40/ 39																					146

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

SAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY 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
38/ 37																					159
36/ 35																					219
34/ 33																					266
32/ 31																					277
30/ 29																					302
28/ 27																					280
26/ 25																					276
24/ 23																					197
22/ 21																					152
20/ 19																					71
18/ 17																					75
16/ 15																					47
14/ 13																					39
12/ 11																					34
10/ 9																					9
8/ 7																					14
6/ 5																					8
4/ 3																					4
2/ 1																					3
0/ -1																					2
-2/ -3																					1
TOTAL		.1	.1	.0	.1	.2	.3	.4	.5	1.3	2.4	4.2	7.1	9.6	11.0	15.5	47.1		2949		2946
																		2946		2946	

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.	795911	43331	14.7	7.338	2946							
Dry Bulb	2202398	253855	86.1	7.632	2949			91.5	88.2	76.2	17.8	93
Wet Bul:	9525442	167060	56.7	4.198	2946			1.1	.0			93
Dew Point	2979393	89979	30.5	8.860	2946	.1	56.5					93

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	3	3		
104/103																	.5	15	15		
102/101																	.9	25	25		
100/ 99																	1.9	55	55		
98/ 97															.0		3.9	116	116		
96/ 95													.1	.1		.2	7.2	224	224		
94/ 93											.0	.0	.1	.1		.5	10.1	320	322		
92/ 91													.0	.0	.1	.5	11.0	343	344		
90/ 89											.0		.0	.2	.5	1.2	9.9	349	350		
88/ 87											.0		.2	.4	.9	2.8	6.7	322	324		
86/ 85											.1	.1	.3	.9	1.7	3.4	2.7	269	272		
84/ 83												.2	.5	.7	1.5	2.8	1.0	196	196		
82/ 81												.2	.8	.9	2.2	1.1	.9	178	178		
80/ 79									.1		.2	.4	.7	1.6	1.9	.5	.0	161	161		
78/ 77								.1	.0	.1	.3	.6	.6	1.0	.5	.1		100	100		
76/ 75								.0	.2	.0	.3	.4	.6	.9	.3	.1		82	82		
74/ 73							.0		.1	.2	.2	.4	.4	.8	.2			68	68	1	
72/ 71						.1	.0	.1	.0	.1	.2	.4	.1	.2				36	36	3	
70/ 69						.0	.1	.0	.1	.3	.2	.1	.1	.1				28	28	10	
68/ 67				.0				.1	.0	.1	.0	.1	.1	.0				16	16	8	
66/ 65				.0				.1	.1	.1	.1	.1						15	15	42	1
64/ 63								.0	.0									2	2	128	1
62/ 61			.0			.1			.1									5	5	306	3
60/ 59		.0				.1	.0											4	4	520	5
58/ 57						.1												4	4	649	6
56/ 55																				531	11
54/ 53			.0	.1														3	3	375	6
52/ 51			.0	.0														2	2	198	10
50/ 49																				102	19
48/ 47																				36	31
46/ 45																				22	44
44/ 43																				10	79
42/ 41																					86
40/ 39																					104

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY 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
38/ 37																					141
36/ 35																					210
34/ 33																					257
32/ 31																					317
30/ 29																					330
28/ 27																					282
26/ 25																					295
24/ 23																					206
22/ 21																					149
20/ 19																					84
18/ 17																					68
16/ 15																					52
14/ 13																					46
12/ 11																					34
10/ 9																					23
8/ 7																					16
6/ 5																					10
4/ 3																					3
2/ 1																					2
0/ -1																					6
-2/ -3																					2
-4/ -5																					1
-6/ -7																					1
TOTAL		.0	.1	.2		.4	.2	.4	.7	.9	1.6	3.2	4.8	7.9	9.8	13.1	56.8		2950		2941
																		2941		2941	

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.	714223	40435	13.7	7.338	2941							
Dry Bulb	22644672	257510	87.3	7.508	2950			91.9	89.4	79.5	24.0	93
Wet Bulb	9580615	167455	56.9	3.957	2941			.7	.0			93
Dew Point	2824189	87357	29.7	8.833	2941	.3	60.9					93

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

☆ U. S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY 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
102/101																	.1	3	3		
100/ 99																	.3	9	9		
98/ 97																	.7	21	21		
96/ 95																.1	1.7	53	53		
94/ 93																.1	2.5	77	77		
92/ 91												.0			.1	.4	4.8	159	160		
90/ 89													.0	.1	.2	1.2	6.0	221	222		
88/ 87											.0	.0	.0	.2	.8	3.0	5.6	287	287		
86/ 85								.0		.0			.2	.7	1.4	4.7	2.9	294	296		
84/ 83								.0	.0	.0	.0	.1	.5	1.2	3.1	3.7	1.8	312	313		
82/ 81											.1	.3	.6	1.9	4.1	2.0	1.4	306	307		
80/ 79								.0		.0	.4	.7	1.4	2.4	3.3	1.1	.4	287	287		
78/ 77									.0	.2	.5	1.0	1.9	2.4	1.7	.2		236	236		
76/ 75							.0	.0	.1	.2	.5	.9	1.8	1.6	.7	.1		178	178		
74/ 73						.0	.1	.1	.1	.3	.9	.8	1.5	.8	.4			153	153		
72/ 71						.1	.1	.1	.1	.4	.8	1.0	.8	.4	.0			118	118	1	
70/ 69					.0	.1	.1	.0	.2	.5	.8	.7	.5	.1				88	88	3	
68/ 67					.1		.0	.0	.3	.3	.3	.4	.1	.1				48	48	3	
66/ 65		.0					.1	.1	.2	.2	.2	.2	.1					39	39	6	2
64/ 63				.0		.0		.0	.2	.1	.2	.1						21	22	42	
62/ 61			.0				.0	.0	.0	.0	.1	.1						10	10	118	2
60/ 59						.1	.1	.1	.0	.1	.1							15	15	297	3
58/ 57					.1	.0	.0		.0									7	7	499	6
56/ 55				.0	.1	.0		.0										5	5	562	7
54/ 53					.0													1	1	558	10
52/ 51																				411	10
50/ 49			.0															1	1	246	13
48/ 47		.1																2	2	115	31
46/ 45																				55	36
44/ 43																				20	63
42/ 41																				14	89
40/ 39																				1	92
38/ 37																					116
36/ 35																					195

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — MAY 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
34/ 33																					223
32/ 31																					276
30/ 29																					314
28/ 27																					274
26/ 25																					374
24/ 23																					232
22/ 21																					172
20/ 19																					141
18/ 17																					81
16/ 15																					73
14/ 13																					72
12/ 11																					34
10/ 9																					16
8/ 7																					13
6/ 5																					16
4/ 3																					11
2/ 1																					1
0/ -1																					1
-2/ -3																					1
-6/ -7																					1
TOTAL		.1	.1	.1	.4	.4	.6	.8	1.5	2.5	5.0	6.5	9.6	12.0	15.8	16.6	28.2	2951	2958	2951	2951

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.	980051	47073	16.0	8.814	2951							
Dry Bulb	19902558	241584	81.7	7.628	2958			89.8	81.8	59.5	5.1	93
Wet Bulb	8834989	161025	54.6	4.053	2951			.2				93
Dew Point	2664903	84743	28.7	8.856	2951	.1	64.7					93

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.0	1	1		
92/ 91																	.1	4	4		
90/ 89																.2	.3	13	13		
88/ 87															.1	.5	.2	24	24		
86/ 85												.0	.1	.3	.8	.6	.1	58	58		
84/ 83										.0		.1	.1	.6	1.4	.8	.2	96	96		
82/ 81										.0	.1	.1	.4	1.3	1.9	.4	.2	131	132		
80/ 79										.1	.1	.7	2.1	2.8	2.2	.3	.1	250	251		
78/ 77							.0	.0	.0	.2	.9	1.1	2.7	2.9	1.0	.5		283	284		
76/ 75							.0	.1	.4	.7	1.3	2.5	3.7	3.3	.8	.2		384	386		
74/ 73							.0	.0	.2	.7	1.8	2.9	3.7	1.8	.4			340	340		
72/ 71							.2	.1	.8	1.1	2.4	2.6	3.0	.6	.1			322	323		
70/ 69					.0	.2	.2	.2	.6	1.1	2.7	2.6	1.4	.3				276	276		
68/ 67				.1	.1	.2	.3	.6	.8	1.5	2.0	2.1	.9					258	258		
66/ 65	.0			.1	.1	.1	.2	.5	.6	1.3	1.5	.7	.4					166	166	4	
64/ 63		.0	.1			.1	.2	.5	.7	1.1	1.1	.4	.1					124	124	6	
62/ 61	.0					.1	.3	.4	.6	.6	.5	.1						80	80	24	1
60/ 59						.1	.2	.2	.4	.5	.3	.1						56	56	93	4
58/ 57					.1	.1	.1	.3	.2	.3	.2							37	37	200	9
56/ 55				.0	.1	.0	.1	.1	.2	.2								19	19	340	10
54/ 53				.1	.1	.1	.0	.1	.2	.1								18	18	469	11
52/ 51			.0		.0	.0	.0											4	4	525	14
50/ 49			.1		.0													4	4	502	22
48/ 47							.0											1	1	370	26
46/ 45		.0						.0										2	2	219	54
44/ 43																				103	90
42/ 41																				60	101
40/ 39																				26	105
38/ 37																				8	140
36/ 35																				1	190
34/ 33																					223
32/ 31																				1	249
30/ 29																					282
28/ 27																					236

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 0-24-5-101 PREVIOUS EDITION OF THIS FORM OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45.48-75 YEARS — MAY 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
26/ 25																					218
24/ 23																					199
22/ 21																					186
20/ 19																					173
18/ 17																					137
16/ 15																					90
14/ 13																					68
12/ 11																					50
10/ 9																					30
8/ 7																					20
6/ 5																					8
4/ 3																					2
2/ 1																					3
TOTAL	.1	.1	.2	.4	.6	1.0	2.0	3.1	5.9	9.5	15.0	16.2	18.6	13.9	8.7	3.5	1.3		2957		2951
																		2951		2951	

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.	1662363	63003	21.3	10.371	2951							
Dry Bulb	15765830	214968	72.7	6.835	2957			76.9	50.0	14.6	.0	93
Wet Bulb	7775131	150909	51.1	4.431	2951		.0					93
Dew Point	2725564	85218	28.9	9.472	2951		61.5					93

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

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 YEARS — JUN 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.	Dry Bulb	Wet Bulb	Dew Point
94/ 93															.0		.1	4	4		
92/ 91												.0		.0	.1	.1	.1	12	12		
90/ 89												.0	.1	.3	.2	.2	.3	35	35		
88/ 87										.1	.0	.2	.7	.3	.3	.2	.3	67	67		
86/ 85										.3	.1		.5	.8	.6	.2	.1	109	109		
84/ 83								.1	.1	.3	1.1		1.3	.9	.9	.2	.1	170	170		
82/ 81							.0	.5	.3	.8	.9	.8	1.3	1.5	.9	.1		206	207		
80/ 79						.0	.2	.2	.5	.8	1.3	1.9	1.7	1.6	.5	.1		255	255		
78/ 77						.4	.2	.3	.3	.9	.8	1.6	2.7	1.6	.5	.1		266	266		
76/ 75					.3	.3	.3	.3	.6	.9	1.9	2.7	2.6	1.2	.3			328	328		
74/ 73		.0	.1	.1	.2	.3	.2	.3	.6	.9	2.0	3.0	3.0	.7	.3			344	345	1	
72/ 71		.0	.1	.0	.2	.1	.4	.4	.8	1.4	2.5	2.9	1.4	.4	.0			303	305		1
70/ 69			.1	.0	.1	.1	.2	.7	.8	1.8	2.6	2.4	.8	.1				283	283	20	
68/ 67				.0	.1		.1	.3	.6	1.4	2.0	1.3	.2					176	176	68	6
66/ 65			.0	.2	.1	.1	.1	.2	1.2	1.3	1.3	.5	.0					143	143	95	9
64/ 63			.0	.2	.1		.1	.2	.7	.8	.7	.1						83	83	163	31
62/ 61				.0	.0			.3	.5	.5	.1							40	40	148	36
60/ 59		.1		.1		.0	.0	.2	.3	.2	.0							28	28	231	34
58/ 57			.0					.1	.0									6	6	252	39
56/ 55																				355	57
54/ 53																				362	72
52/ 51																				381	105
50/ 49																				357	105
48/ 47																				224	81
46/ 45																				149	125
44/ 43																				47	109
42/ 41																				5	146
40/ 39																					156
38/ 37																					139
36/ 35																					199
34/ 33																					241
32/ 31																					212
30/ 29																					202
28/ 27																					156

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) 70 64 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE - 1974 752-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (MONTH)

PAGE 2 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
26/ 25																					164
24/ 23																					107
22/ 21																					108
20/ 19																					69
18/ 17																					66
16/ 15																					38
14/ 13																					22
12/ 11																					11
10/ 9																					6
8/ 7																					3
6/ 5																					2
TOTAL		.2	.4	.7	1.0	1.5	2.0	4.4	7.2	12.5	17.8	19.4	16.4	9.4	4.8	1.3	1.0		2862		2857
																		2858		2858	

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.	2461092	75886	26.6	12.497	2858							
Dry Bulb	16182952	214380	74.9	6.601	2862			80.6	56.5	23.1	.1	90
Wet Bulb	8610635	155975	54.6	5.866	2858			2.8	.0			90
Dew Point	4140968	103540	36.2	11.665	2857		36.7	.2				90

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

7 U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN 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															.0			1	1		
88/ 87											.0	.0	.2	.1	.1	.0		13	13		
86/ 85										.1	.2	.2	.1	.2		.1	.1	28	28		
84/ 83									.1	.3	.4	.3	.3	.2	.1	.0		52	52		
82/ 81							.0	.1	.5	.7	1.2	.8	.5	.4	.1	.2		127	127		
80/ 79						.0	.3	.5	1.2	1.0	.6	1.4	1.0	.7	.1			196	196		
78/ 77						.1	.3	.5	.4	.7	1.0	.9	1.5	.7	.0			174	174		
76/ 75				.1	.1	.2	.3	.7	.9	.8	1.4	1.6	1.1	.4	.0			219	220		
74/ 73		.0		.2	.4	.3	.4	.9	1.0	1.0	2.3	2.0	1.3	.1				288	289		
72/ 71			.2	.3	.4	.1	.5	.5	1.0	1.2	2.7	2.0	.9	.3				290	290	1	1
70/ 69			.0	.1	.1	.3	.5	.7	1.5	2.3	3.8	2.5	.6	.1				357	358	10	
68/ 67				.1	.2	.1	.2	.8	1.6	3.0	2.8	1.8	.2					311	311	43	7
66/ 65				.2	.3	.2	.5	.7	1.6	3.3	2.0	.7	.2					280	280	99	8
64/ 63			.1	.1		.1	.3	1.2	1.4	1.8	1.4	.2	.0					194	194	116	13
62/ 61				.1	.1	.3	.3	1.2	1.4	1.4	.5	.1						153	153	138	49
60/ 59			.0	.1	.0	.1	.3	.9	1.2	.6	.2							101	101	189	34
58/ 57		.1		.1	.0	.1	.2	.6	.5	.2								54	54	171	46
56/ 55					.0	.1	.1	.3	.1									18	18	234	81
54/ 53							.0	.1										4	4	325	78
52/ 51																				346	98
50/ 49						.0												1	1	400	100
48/ 47																				357	88
46/ 45																				241	86
44/ 43																				132	139
42/ 41																				53	121
40/ 39																				6	134
38/ 37																					155
36/ 35																					185
34/ 33																					195
32/ 31																					232
30/ 29																					228
28/ 27																					157
26/ 25																					163
24/ 23																					138

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN 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
22/ 21																					109
20/ 19																					60
18/ 17																					64
16/ 15																					32
14/ 13																					28
12/ 11																					14
10/ 9																					13
8/ 7																					5
TOTAL		.1	.4	1.3	1.9	2.2	4.4	9.7	14.5	18.2	20.6	14.6	8.0	3.2	.5	.3	.1	2861	2864	2861	2861

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.	3107108	86440	30.2	13.162	2861							
Dry Bulb	14421851	202349	70.7	6.617	2864			64.7	34.6	10.0		90
Wet Bulb	8105333	151217	52.9	6.281	2861			1.7				90
Dew Point	4128210	103224	36.1	11.884	2861		39.1	.3				90

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

USAFETAC

☆ U. S. GOVERNMENT PRINTING OFFICE: 1974 752-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN 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
100/ 99																	.0	1	1		
98/ 97																	.0	1	1		
96/ 95																	.2	6	6		
94/ 93														.1	.1	.1	.1	13	13		
92/ 91													.0	.3	.2	.3	.5	36	36		
90/ 89											.0	.3	.3	.4	.5	.4	.4	67	67		
88/ 87										.1	.2	.3	.7	.8	.7	.5	.6	113	113		
86/ 85								.0	.0	.2	.6	.7	.9	1.4	1.2	.7	.3	177	177		
84/ 83								.1	.4	.6	.9	1.2	1.0	1.3	1.4	.7	.1	217	218		
82/ 81							.1	.4	.8	.8	.9	.9	1.4	1.4	1.1	.4	.1	238	238		
80/ 79						.1	.3	.6	.7	.9	1.1	1.5	2.3	2.1	.7	.0	.1	298	299		
78/ 77					.0	.2	.6	.5	.7	.7	1.3	1.5	2.3	.9	.4	.1		264	264		
76/ 75				.0	.1	.2	.4	.5	.7	1.2	1.4	2.2	2.3	1.0	.3			292	292		
74/ 73				.1	.2	.2	.5	.4	.8	1.0	2.6	2.4	1.3	.1	.0			275	275		
72/ 71			.1	.1	.2	.2	.4	.4	.8	1.3	1.8	1.7	.9	.2				235	236	3	
70/ 69			.0		.1	.2	.1	.6	.6	1.6	2.0	1.2	.2	.0				192	192	18	
68/ 67					.1	.1	.2	.4	.6	1.2	1.1	.8	.1					134	134	101	3
66/ 65		.0	.0	.1	.1	.1	.3	.4	.7	1.6	1.0	.2	.0					130	130	131	13
64/ 63		.0	.0	.0	.1		.3	.3	.8	.5	.4	.0						71	71	197	19
62/ 61			.0		.1	.1	.1	.3	.5	.6	.1	.1						55	55	221	46
60/ 59					.0	.1	.1	.3	.3	.2	.1							30	30	262	54
58/ 57				.0		.0	.0	.2	.1		.0							13	13	303	71
56/ 55						.0	.0	.1										5	5	368	97
54/ 53							.0	.0										2	2	383	84
52/ 51						.0												1	1	325	98
50/ 49																				261	104
48/ 47																				157	115
46/ 45																				79	147
44/ 43																				36	133
42/ 41																				19	140
40/ 39																				2	176
38/ 37																					178
36/ 35																					220
34/ 33																					219

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (YEARS) JUN (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
32/ 31																					204
30/ 29																					195
28/ 27																					129
26/ 25																					134
24/ 23																					92
22/ 21																					81
20/ 19																					44
18/ 17																					30
16/ 15																					21
14/ 13																					7
12/ 11																					7
10/ 9																					2
8/ 7																					1
6/ 5																					2
TOTAL		.1	.2	.3	1.0	1.8	3.5	5.4	8.5	12.5	15.3	15.0	14.0	10.1	6.5	3.2	2.5	2866	2869	2866	2866

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.	2619520	78984	27.6	12.432	2866							
Dry Bulb	16886482	219064	76.4	7.463	2869			80.4	62.7	32.4	.7	90
Wet Bulb	9040706	160060	55.9	5.932	2866			3.8				90
Dew Point	4585083	109975	38.4	11.289	2866		29.8	.1				90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	3	3		
104/103																	.7	19	19		
102/101																.0	1.1	32	32		
100/ 99											.0					.1	2.9	86	86		
98/ 97														.1	.2	.5	4.0	137	137		
96/ 95												.1	.1	.3	.7	1.3	5.0	213	213		
94/ 93											.0	.1	.4	.7	1.0	1.8	5.3	268	268		
92/ 91										.0	.1	.2	.7	1.4	1.6	1.4	4.8	292	292		
90/ 89									.0	.0	.5	.6	1.2	1.2	2.0	2.7	4.4	360	361		
88/ 87									.0	.3	.5	.6	1.2	.9	1.9	2.7	3.1	322	324		
86/ 85								.1	.1	.5	.5	.9	1.0	1.3	2.5	2.2	.8	288	288		
84/ 83								.2	.2	.3	.7	.6	1.3	1.8	2.6	1.4	.4	272	272		
82/ 81							.2	.2	.3	.4	.5	.5	1.2	1.9	1.8	.4	.1	216	216		
80/ 79							.1	.0	.2	.1	.7	.7	1.2	1.3	.7	.0		147	147	1	
78/ 77						.0	.0	.1	.1	.2	.4	.7	.8	.5	.1			85	85		
76/ 75							.1	.1	.0	.2	.3	.7	.7	.2				67	67		
74/ 73				.0			.0	.1	.0	.2	.1	.3	.2					30	30	7	
72/ 71									.1	.0	.1	.3						14	14	18	1
70/ 69				.0	.0			.0	.0	.0	.1	.0						9	9	103	
68/ 67			.0					.0		.0								3	3	191	2
66/ 65										.0								1	1	293	13
64/ 63																				343	14
62/ 61																				353	39
60/ 59																				461	44
58/ 57																				456	68
56/ 55																				349	71
54/ 53																				196	98
52/ 51																				70	115
50/ 49																				21	119
48/ 47																				1	153
46/ 45																					154
44/ 43																					149
42/ 41																					176
40/ 39																					191

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) 201 64 REVISED PREVIOUS EDITIONS OF TF-1 FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37																					216
36/ 35																					239
34/ 33																					222
32/ 31																					190
30/ 29																					142
28/ 27																					133
26/ 25																					126
24/ 23																					89
22/ 21																					45
20/ 19																					21
18/ 17																					13
16/ 15																					4
14/ 13																					7
10/ 9																					2
8/ 7																					4
6/ 5																					1
TOTAL			.0	.1	.0	.0	.5	1.0	1.4	2.4	4.4	6.4	10.0	11.6	15.1	14.4	32.7	2864	2867	2865	2865

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.	1339976	56146	19.6	9.142	2864							
Dry Bulb	22381965	252631	88.1	6.495	2867			90.0	89.2	81.4	23.8	90
Wet Bulb	10496384	172898	60.3	4.663	2865			10.1	.3			90
Dew Point	4737725	112625	39.3	10.410	2865		24.4	.1				90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,48-75 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
110/109																	.3	8	8		
108/107																	1.3	36	36		
106/105																	3.1	87	87		
104/103																	5.4	152	152		
102/101												.0	.0		.1	.2	7.8	234	234		
100/ 99													.0	.0	.2	.5	10.4	317	317		
98/ 97														.2	.0	1.2	9.1	321	321		
96/ 95												.1	.2	.2	1.1	1.4	8.6	328	328		
94/ 93											.1	.1	.4	.4	1.2	1.5	8.2	336	338		
92/ 91											.0	.3	.3	.7	1.0	1.6	5.7	271	272		
90/ 89									.0		.2	.2	.5	.5	1.2	2.0	4.6	261	261		
88/ 87										.1	.2	.3	.3	.5	.8	2.3	2.0	184	184		
86/ 85								.1	.2	.1	.1	.1	.3	.6	.9	1.4	.5	120	120		
84/ 83							.0	.1	.0	.1	.0	.2	.4	.3	.7	.6	.0	75	75		
82/ 81							.0	.0	.0	.0	.2	.2	.2	.2	.8	.1		51	51		
80/ 79					.0					.0	.1	.1		.2	.3			22	22	1	
78/ 77										.1		.1	.1	.1				11	11	1	
76/ 75				.0	.1		.0	.0			.0		.1					9	9	1	
74/ 73						.1	.1					.0						6	6	11	1
72/ 71						.0												1	1	50	
70/ 69				.0	.0													2	2	160	
68/ 67						.0												1	1	249	7
66/ 65																				418	7
64/ 63				.0														1	1	418	16
62/ 61																				458	20
60/ 59																				449	25
58/ 57																				378	54
56/ 55																				175	55
54/ 53																				52	75
52/ 51																				13	99
50/ 49																					112
48/ 47																					132
46/ 45																					183
44/ 43																					176

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AWS 0-26-5 (OL-A) USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					185
40/ 39																					170
38/ 37																					216
36/ 35																					261
34/ 33																					235
32/ 31																					212
30/ 29																					165
28/ 27																					131
26/ 25																					110
24/ 23																					67
22/ 21																					39
20/ 19																					18
18/ 17																					24
16/ 15																					11
14/ 13																					8
12/ 11																					3
10/ 9																					3
8/ 7																					2
6/ 5																					4
4/ 3																					2
2/ 1																					3
0/ -1																					2
-2/ -3																					1
TOTAL				.1	.1	.2	.2	.2	.3	.4	.9	1.7	2.8	4.2	9.1	12.8	67.0		2837		2834
																		2834		2834	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb	848458	43912	15.5	7.702	2834							
Dry Bulb	29490673	268309	94.6	6.378	2837			90.0	89.8	88.8	57.8	90
Wet Bulb	11012527	176245	62.2	4.282	2834			15.0	.4	.0		90
Dew Point	4489730	109026	38.5	10.214	2834	.1	25.6	.3	.0			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN 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
112/111																	.1	2	2		
110/109																	.3	8	8		
108/107																	2.2	62	62		
106/105																	4.8	136	136		
104/103														.1	.0	.1	7.6	219	219		
102/101														.0		.1	10.6	303	303		
100/ 99															.1	.4	11.3	336	336		
98/ 97														.1	.4	1.2	10.2	337	337		
96/ 95												.0	.0	.3	1.0	1.1	10.2	360	360		
94/ 93												.0	.2	.6	.7	1.1	8.4	313	313		
92/ 91											.0	.1	.3	.3	.7	1.0	5.2	219	219		
90/ 89										.1	.1	.2	.2	.4	1.0	1.6	3.6	203	203		
88/ 87									.0	.1	.0	.3	.1	.3	.5	1.5	1.2	115	115		
86/ 85									.0	.1	.1	.0	.3	.5	.4	1.3	.1	79	79		
84/ 83								.0	.2	.1	.1	.1	.2	.2	.4	.5		53	53		
82/ 81						.0	.1	.1	.0		.0	.2	.2	.1	.4	.2		38	38		
80/ 79						.0	.1	.1		.0	.0		.1	.1	.1			16	16	1	
78/ 77					.0	.0	.0	.1	.1				.0	.1				10	10	1	
76/ 75					.0	.0	.0			.0	.1							6	6	2	
74/ 73		.0		.0		.0		.1										5	5	5	
72/ 71				.0		.1	.0											5	5	28	1
70/ 69		.0	.0		.0	.1												5	5	118	2
68/ 67					.0													1	1	284	2
66/ 65				.0														1	1	441	12
64/ 63																				477	14
62/ 61																				505	16
60/ 59																				479	25
58/ 57																				320	34
56/ 55																				131	48
54/ 53																				38	65
52/ 51																				2	79
50/ 49																					87
48/ 47																					107
46/ 45																					155

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,43-75 YEARS | JUN 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
44/ 43																					175
42/ 41																					195
40/ 39																					234
38/ 37																					254
36/ 35																					248
34/ 33																					212
32/ 31																					226
30/ 29																					181
28/ 27																					121
26/ 25																					92
24/ 23																					76
22/ 21																					62
20/ 19																					24
18/ 17																					29
16/ 15																					14
14/ 13																					17
12/ 11																					8
10/ 9																					3
8/ 7																					5
6/ 5																					3
4/ 3																					3
2/ 1																					2
0/ -1																					1
TOTAL		.1	.0	.1	.1	.4	.4	.4	.4	.5	.5	1.1	1.7	2.8	5.7	10.0	75.8		2832		2832
																		2832		2832	

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.	800835	41205	14.5	8.433	2832							
Dry Bulb	26195016	271756	96.0	6.444	2832			90.0	89.6	88.7	66.0	90
Wet Bulb	11057901	176619	62.4	3.896	2832			14.0	.3			90
Dew Point	4285982	106408	37.6	10.084	2832	.0	27.6	.2				90

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

☆ U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN 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
108/107																	.1	4	4		
106/105																	.4	10	10		
104/103																	1.8	50	50		
102/101																	3.6	101	101		
100/ 99																.1	6.4	186	186		
98/ 97													.0		.1	.5	7.9	241	241		
96/ 95												.0		.1	.5	1.0	8.6	289	289		
94/ 93													.1	.4	.9	1.3	8.2	314	314		
92/ 91												.3	.4	.7	1.1	1.8	6.9	316	216		
90/ 89											.2	.3	.6	1.0	1.7	1.8	5.8	325	325		
88/ 87										.2	.1	.3	.5	.6	1.2	2.4	3.7	255	255		
86/ 85								.0	.1	.3	.2	.2	.4	1.0	1.4	2.9	1.3	223	223		
84/ 83								.1	.2	.2	.4	.2	.6	1.1	1.5	1.6	.4	178	178		
82/ 81							.2	.1	.2	.2	.1	.4	.5	.7	1.4	.5		120	120		
80/ 79						.1	.3	.1	.1	.0	.2	.4	.5	.5	1.0	.1		99	99		
78/ 77					.1	.2	.1	.2	.0	.0	.1	.1	.3	.5	.1	.0		51	51		
76/ 75			.0	.1	.1	.1	.2	.1		.0	.1	.0	.3	.1				30	30	1	
74/ 73					.1	.1	.1			.1		.0	.2					20	20	1	
72/ 71		.0	.0	.1	.0	.1	.0			.1	.0	.0						12	12	5	
70/ 69			.1		.1	.1		.0	.0									9	9	59	1
68/ 67				.0														1	1	143	4
66/ 65				.1	.1	.0												5	5	300	11
64/ 63		.0	.1	.0	.0													5	5	404	25
62/ 61		.0																1	1	439	18
60/ 59																				469	40
58/ 57																				467	46
56/ 55																				334	34
54/ 53																				155	55
52/ 51																				57	66
50/ 49																				11	74
48/ 47																					96
46/ 45																					125
44/ 43																					187
42/ 41																					161

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 0-26-3 (OL-A) Previous editions of this form are obsolete.

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN 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	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																				209
38/ 37																				197
36/ 35																				249
34/ 33																				219
32/ 31																				233
30/ 29																				208
28/ 27																				157
26/ 25																				135
24/ 23																				100
22/ 21																				77
20/ 19																				26
18/ 17																				29
16/ 15																				21
14/ 13																				13
12/ 11																				13
10/ 9																				3
8/ 7																				1
6/ 5																				4
4/ 3																				4
2/ 1																				1
0/ -1																				1
-4/ -5																				1
-8/ -9																				1
TOTAL	.1	.2	.3	.5	.6	.9	.7	.7	1.2	1.5	2.3	4.3	6.9	10.9	14.1	54.9	2845	2845	2845	2845

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.	1150218	48234	17.0	10.812	2845							
Dry Bulb	23482961	257723	90.6	6.924	2845			89.7	89.0	84.7	37.8	90
Wet Bulb	10407047	171657	60.3	4.188	2845			6.6	.1			90
Dew Point	4156091	104487	36.7	10.585	2845	.1	32.5	.2				90

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

* U. S. GOVERNMENT PRINTING OFFICE: 1974 762-6-10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-75 YEARS | JUN MONTH

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
100/ 99																	.0	1	1		
98/ 97																	.5	14	14		
96/ 95													.0		.1	.1	1.0	34	34		
94/ 93														.1	.5	.7	1.5	78	78		
92/ 91											.0		.1	.4	.9	1.1	2.0	130	130		
90/ 89										.0	.0	.3	.6	.9	1.4	1.3	2.6	205	206		
88/ 87										.1	.1	.6	1.3	1.4	2.2	2.1	1.3	256	256		
86/ 85									.1	.3	.7	.9	1.3	1.9	2.1	2.6	1.0	308	308		
84/ 83								.1	.4	.6	.6	.9	1.8	1.9	2.5	1.7	.7	321	321		
82/ 81							.1	.2	.3	.6	.6	1.5	1.2	2.4	3.1	.8	.6	319	319		
80/ 79						.0	.4	.2	.1	.4	.8	.9	2.5	2.9	1.7	.5		296	296		
78/ 77				.0	.0	.3	.2	.3	.1	.2	.7	1.9	2.5	2.3	1.0	.3		282	282		
76/ 75					.3	.3	.3	.2	.2	.5	.8	1.3	1.7	1.3	.2			200	200		
74/ 73			.0	.1	.3	.2	.1	.1	.1	.6	1.1	1.3	1.8	.7	.1			185	185	1	
72/ 71		.0	.0	.0	.0	.2	.1	.1	.2	.4	.9	.8	.7	.1				104	104	4	
70/ 69		.0	.1			.0	.1	.0	.1	.4	.6	.6	.1					57	57	20	2
68/ 67		.0		.0	.1	.0			.0	.2	.4	.2	.0					29	30	108	1
66/ 65					.0				.0	.2	.1	.0						11	11	142	15
64/ 63			.2		.0	.0		.0		.0								10	10	218	31
62/ 61		.1		.1						.0								7	7	275	28
60/ 59																				352	52
58/ 57																				398	38
56/ 55																				440	53
54/ 53																				379	61
52/ 51																				276	87
50/ 49																				158	101
48/ 47																				61	105
46/ 45																				15	109
44/ 43																					150
42/ 41																					152
40/ 39																					184
38/ 37																					167
36/ 35																					211
34/ 33																					208

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 201 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S GOVERNMENT PRINTING OFFICE-1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 42-45,46-75 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																					226
30/ 29																					206
28/ 27																					116
26/ 25																					175
24/ 23																					139
22/ 21																					87
20/ 19																					45
18/ 17																					42
16/ 15																					22
14/ 13																					7
12/ 11																					12
10/ 9																					2
8/ 7																					6
6/ 5																					2
4/ 3																					1
2/ 1																					3
-8/ -9																					1
TOTAL		.2	.4	.3	.8	1.1	1.3	1.3	1.7	4.5	7.5	11.2	15.5	16.3	15.7	11.2	11.1		2849		2847
																		2847		2847	

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.	1811551	62929	22.1	12.157	2847							
Dry Bulb	19198673	233141	81.8	6.495	2849			89.1	83.1	58.1	4.0	90
Wet Bulb	9437680	163284	57.4	5.059	2847			4.2	.0			90
Dew Point	4220331	104903	36.8	11.293	2847	.0	34.5	.1				90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL 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
94/ 93															.0	.1		4	4		
92/ 91										.0			.1	.2	.2	.3	.0	24	24		
90/ 89											.1	.4	.5	.2	.2	.2	.0	49	49		
88/ 87								.0	.1	.5	.7	.9	1.0	.4	.3	.1		121	121		
86/ 85							.1	.1	.8	1.2	2.5	1.9	1.0	.6	.2		.0	249	251		
84/ 83						.2	.4	1.2	2.3	2.9	2.1	1.0	.9	.6	.2	.1	.1	361	361		
82/ 81				.0	.1	.5	2.1	4.1	2.7	1.8	1.2	1.1	.7	.3	.4	.1		435	455		
80/ 79				.1	.6	2.5	4.0	3.2	1.3	.9	1.1	.7	.3	.4	.2	.1		457	459		
78/ 77			.0	.9	2.6	3.8	2.6	1.1	.6	.6	.6	.4	.5	.4	.1			426	430		
76/ 75			.8	2.9	3.5	2.4	1.2	.3	.4	.3	.5	.3	.3	.0	.1			380	381	1	
74/ 73		.1	2.0	2.6	1.6	.7	.2	.1		.1	.2	.3	.1					237	237	23	2
72/ 71	.1	.5	2.6	1.0	.2	.0	.1	.0		.0	.1	.1						140	140	141	12
70/ 69	.3	.6	.9	.2	.0	.1					.0	.0						60	60	592	105
68/ 67		.2	.1	.1	.0													10	10	808	246
66/ 65																				547	364
64/ 63																				302	352
62/ 61																				182	333
60/ 59																				137	294
58/ 57																				82	227
56/ 55																				57	172
54/ 53																				58	147
52/ 51																				33	129
50/ 49																				9	108
48/ 47																				1	73
46/ 45																					64
44/ 43																					76
42/ 41																					47
40/ 39																					44
38/ 37																					29
36/ 35																					26
34/ 33																					29
32/ 31																					24
30/ 29																					26
28/ 27																					15

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) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | JUL MONTH

PAGE 2 | 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
26/ 25																					14
24/ 23																					8
20/ 19																					1
18/ 17																					1
16/ 15																					5
TOTAL	.2	1.4	6.3	7.7	8.7	10.2	10.7	10.2	8.1	8.5	9.1	7.4	5.4	3.1	1.9	.9	.2		2982		2973
																		2973		2973	

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.	8701631	150173	50.5	19.378	2973							
Dry Bulb	18920831	237121	79.5	4.690	2982			93.0	86.5	47.5	.1	93
Wet Bulb	12846646	195000	65.6	4.361	2973			49.0	.8			93
Dew Point	10059417	170491	57.3	9.747	2973		2.9	11.4	.1			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 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
100/ 99													.0					1	1		
92/ 91															.0			1	1		
90/ 89													.1	.0			.0	5	5		
88/ 87										.0	.2	.0	.1	.2	.1			17	17		
86/ 85								.0	.0	.3	.8	.6	.2	.1				60	60		
84/ 83							.0	.3	1.0	1.8	1.4	.7	.2	.1	.0			167	167		
82/ 81					.0	.2	1.0	1.6	2.9	2.4	.8	.5	.2	.1	.0			291	291		
80/ 79				.0	.5	2.3	3.5	4.5	2.6	1.6	1.1	.5	.2	.2				505	506		
78/ 77			.1	.4	2.2	4.0	4.0	1.9	1.1	.8	.8	.3	.3	.2	.0			505	507		
76/ 75		.0	.8	2.5	4.1	3.3	2.1	1.1	.9	.7	.5	.5	.6	.2				517	521	1	
74/ 73		.1	2.7	3.9	3.3	1.7	1.1	.6	.5	.7	.4	.5	.3		.0			470	472	10	
72/ 71	.0	1.0	3.1	2.1	1.1	.6	.4	.1	.3	.5	.5	.2	.0					292	292	98	10
70/ 69	.1	.8	.9	.6	.2	.1	.0		.1	.3	.3	.1	.0	.0				107	107	481	96
68/ 67	.0	.3	.2	.1	.1			.1	.1	.1	.0							28	28	763	284
66/ 65		.0								.0								2	2	650	330
64/ 63																				327	387
62/ 61																				223	332
60/ 59																				120	329
58/ 57																				69	238
56/ 55																				67	194
54/ 53																				66	149
52/ 51																				62	123
50/ 49																				24	85
48/ 47																				4	49
46/ 45																				3	73
44/ 43																					44
42/ 41																					37
40/ 39																					43
38/ 37																					21
36/ 35																					22
34/ 33																					38
32/ 31																					22
30/ 29																					17
28/ 27																					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 EDITION OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL MONTH

PAGE 2 — 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
26/ 25																					6
24/ 23																					6
22/ 21																					2
20/ 19																					5
18/ 17																					3
16/ 15																					2
TOTAL	.2	2.2	7.7	9.6	11.9	12.9	12.2	10.2	9.4	9.1	7.0	4.0	2.3	1.2	.2		.0	2968	2977	2968	2968

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.	10001070	163304	55.0	18.303	2968							
Dry Bulb	17643473	228871	76.9	4.013	2977			92.9	79.6	25.4	.0	93
Wet Bulb	12590786	192822	65.0	4.634	2968			42.4	.3			93
Dew Point	10192670	171664	57.8	9.431	2968		2.6	12.2				93

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | JUL MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
98/ 97																.0	.0		2	2		
96/ 95															.1				2	2		
94/ 93													.1	.3	.1	.1	.0		23	23		
92/ 91											.0	.4	.3	.4	.1	.1	.0		43	43		
90/ 89								.0	.0	.1	.4	.9	.6	.4	.4	.2	.0		93	93		
88/ 87								.0	.3	.7	1.4	1.2	.5	.2	.3	.1	.1		147	147		
86/ 85						.0	.3	.4	1.4	1.7	1.7	.7	.7	.2	.3	.1	.0		228	229		
84/ 83						.2	.8	1.9	2.5	2.0	1.4	.5	.5	.1	.2	.0			302	302		
82/ 81				.0	.1	1.0	2.1	3.4	2.8	1.8	.8	.6	.3	.4	.1	.1			397	397		
80/ 79				.1	.8	3.2	3.8	2.6	2.0	.6	.5	.3	.2	.4	.1				432	434		
78/ 77			.1	.8	2.3	3.8	3.2	1.2	.7	.5	.5	.3	.2			.0			406	409		
76/ 75			.8	3.0	3.4	2.7	1.3	.6	.3	.3	.5	.3	.2	.0					394	395	4	
74/ 73		.1	1.6	2.7	2.3	1.1	.3	.3	.1	.1	.1	.2	.1						268	269	34	3
72/ 71		.4	1.3	1.7	.6	.2	.2	.1	.2	.2	.1	.1		.0					155	155	210	8
70/ 69	.2	.4	.8	.4	.1	.0		.0	.1	.1	.0								64	64	631	103
68/ 67	.1	.1	.1	.0	.0			.0		.0	.0								13	13	847	267
66/ 65		.0						.0											2	2	549	368
64/ 63																					280	416
62/ 61																					133	388
60/ 59																					96	333
58/ 57																					62	225
56/ 55																					63	205
54/ 53																					37	149
52/ 51																					16	94
50/ 49																					6	76
48/ 47																					2	54
46/ 45																					1	51
44/ 43																						39
42/ 41																						42
40/ 39																						25
38/ 37																						22
36/ 35																						33
34/ 33																						24
32/ 31																						15

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL 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
30/ 29																					9
28/ 27																					9
26/ 25																					2
24/ 23																					6
22/ 21																					1
20/ 19																					3
18/ 17																					1
TOTAL	.3	1.1	4.6	8.8	9.6	12.2	12.0	10.7	10.4	9.1	7.6	5.5	3.9	2.4	1.6	.9	.3		2979		2971
																		2971		2971	

Element (X)	Σx^2	Σx	$\bar{x}$	ϵ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9011375	154779	52.1	17.865	2971							
Dry Bulb	18968326	237202	79.6	5.221	2979			92.9	85.7	46.0	.8	93
Wet Bulb	13083962	196788	66.2	4.081	2971			54.0	1.2			93
Dew Point	10459245	176651	58.7	8.525	2971		1.4	11.9	.1			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	4	4		
104/103																	.2	7	7		
102/101																.0	.8	24	24		
100/ 99													.1	.1	.2	.6	1.7	80	81		
98/ 97											.1	.1	.1	.6	1.2	1.0	2.0	150	150		
96/ 95											.1	.4	1.1	1.6	1.6	1.1	2.0	237	237		
94/ 93								.0	.1	.1	.4	1.2	2.1	2.1	1.2	.8	1.0	267	267		
92/ 91							.0		.3	.6	2.0	3.1	3.0	1.9	.9	.5	.8	392	392		
90/ 89							.1	.2	1.0	1.9	3.6	3.2	1.9	.9	.5	.5	.2	417	417		
88/ 87						.1	.1	.9	1.8	3.4	3.2	1.6	.9	.4	.3	.3	.1	390	391		
86/ 85					.1	.1	.5	1.8	3.7	2.3	1.3	.5	.3	.2	.1	.1	.0	326	326		
84/ 83			.0	.0	.1	.2	1.3	2.8	2.2	1.0	.4	.1	.1	.1	.1			248	248		
82/ 81					.1	.6	1.7	1.6	.8	.2	.1		.0	.0				155	155		
80/ 79				.1	.5	1.7	.9	.5	.2	.0			.0	.0				118	119	4	
78/ 77				.2	.8	.6	.2	.1										60	61	17	1
76/ 75			.1	.5	.4	.3		.0										42	42	39	4
74/ 73			.1	.2	.2	.1												20	20	178	12
72/ 71		.2	.2	.1														15	15	484	16
70/ 69	.1	.1	.1	.0														11	11	887	63
68/ 67	.0	.1																5	5	666	182
66/ 65		.1																2	2	354	276
64/ 63																				146	346
62/ 61																				92	371
60/ 59																				66	351
58/ 57																				24	294
56/ 55																				12	249
54/ 53																				1	187
52/ 51																					124
50/ 49																					83
48/ 47																					70
46/ 45																					87
44/ 43																					57
42/ 41																					41
40/ 39																					32

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | JUL 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
38/ 37																					36
36/ 35																					33
34/ 33																					19
32/ 31																					13
30/ 29																					12
28/ 27																					4
26/ 25																					4
24/ 23																					2
14/ 13																					1
TOTAL	.1	.6	.6	1.2	2.3	3.7	4.6	7.9	10.0	9.6	11.1	10.3	9.6	7.8	6.1	5.1	9.1		2974		2970
																		2970		2970	

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.	5013113	113159	38.1	15.373	2970							
Dry Bulb	23490366	263704	88.7	6.021	2974			92.9	92.0	86.3	24.1	93
Wet Bulb	13918493	203057	68.4	3.464	2970			71.2	7.5	.0		93
Dew Point	10058235	171035	57.6	8.385	2970		1.1	8.7	.5			93

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

U. S GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.0	1	1		
108/107																	.5	15	15		
106/105																.0	2.3	68	68		
104/103															.1	.2	4.4	138	139		
102/101													.0	.2	.7	1.4	6.7	266	266		
100/ 99											.0	.1	.2	.6	2.3	2.6	5.8	344	344		
98/ 97									.0	.0	.1	.3	1.1	2.4	3.2	2.6	3.0	377	377		
96/ 95										.1	.4	1.3	2.5	4.2	3.2	1.1	1.6	424	424		
94/ 93								.0	.2	.1	.9	2.1	3.0	2.5	1.4	.5	.8	338	340		
92/ 91							.0		.1	1.0	2.7	3.0	2.3	.8	.3	.2	.3	320	320		
90/ 89					.0	.1		.2	.8	1.6	2.2	2.0	.7	.3	.1	.1	.1	244	245		
88/ 87					.0		.0	.2	1.2	1.7	1.3	.5	.1	.1				151	151		
86/ 85					.0	.1	.2	.5	1.1	.6	.6							94	94		
84/ 83					.1	.1	.5	.7	.4	.1	.1							59	59	1	
82/ 81					.0	.2	.4	.4	.1	.0								36	36	2	
80/ 79					.2	.3	.2	.1										25	25	7	1
78/ 77				.1	.2	.2	.1											17	17	21	4
76/ 75			.2	.2	.2	.0												17	17	65	2
74/ 73			.2	.1														9	9	281	5
72/ 71		.1	.1	.0														9	9	650	18
70/ 69	.1	.0		.0														4	4	837	48
68/ 67																				581	109
66/ 65	.1	.0																3	3	302	185
64/ 63																				120	249
62/ 61																				64	306
60/ 59																				18	331
58/ 57																				7	362
56/ 55																				3	277
54/ 53																					232
52/ 51																					190
50/ 49																					115
48/ 47																					110
46/ 45																					106
44/ 43																					70

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												

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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL 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
42/ 41																					58
40/ 39																					57
38/ 37																					49
36/ 35																					27
34/ 33																					11
32/ 31																					15
30/ 29																					11
28/ 27																					6
24/ 23																					4
18/ 17																					1
TOTAL	.1	.2	.5	.4	.8	1.0	1.4	2.3	4.0	5.3	8.2	9.2	10.0	11.1	11.2	8.8	25.5	2959	2963	2959	2959

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.	3197751	88863	30.0	13.374	2959							
Dry Bulb	26630428	280292	94.6	6.240	2963			92.9	92.5	90.8	62.0	93
Wet Bulb	14208735	204829	69.2	3.184	2959			76.8	11.8	.2		93
Dew Point	9450254	165396	55.9	8.331	2959		1.2	5.9	.4	.0		93

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

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 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
110/109																	.2	6	6		
108/107																	.9	27	27		
106/105																.0	3.2	96	96		
104/103															.1	.2	7.1	220	220		
102/101												.1	.1	.3	.4	1.7	9.2	346	346		
100/ 99										.0	.1	.0	.2	.5	2.0	2.5	7.2	371	371		
98/ 97									.1	.0	.1	.2	.7	1.9	4.0	2.8	3.6	397	398		
96/ 95									.0	.1	.2	.7	2.1	3.3	2.4	1.6	1.7	357	358		
94/ 93								.1		.1	.4	1.3	2.6	2.4	1.0	.6	.4	260	263		
92/ 91							.0	.0	.2	.7	1.2	1.9	1.8	.6	.2	.0		197	197		
90/ 89							.0	.1	.3	1.0	2.0	1.3	.4	.2	.0			159	159		
88/ 87							.0	.2	.7	1.5	1.3	.3	.0	.0	.1			124	124		
86/ 85						.1	.3	.4	1.0	1.1	.2	.0						69	89		
84/ 83						.3	.8	.6	.7	.3	.0							81	81	1	
82/ 81					.1	.4	.6	.5	.2	.1								57	57	2	
80/ 79				.1	.3	.7	.5	.1	.1	.0								57	57	14	
78/ 77				.4	.5	.2	.1	.0										35	35	14	2
76/ 75		.0	.2	.2	.3	.1		.0										26	26	60	5
74/ 73		.1	.3	.2	.1	.0												22	22	197	9
72/ 71	.0	.1	.1	.1														11	11	548	26
70/ 69	.1	.1	.0															8	8	874	74
68/ 67		.1																2	2	626	103
66/ 65																				381	142
64/ 63		.1																2	2	152	175
62/ 61																				49	250
60/ 59																				27	313
58/ 57																				4	309
56/ 55																					300
54/ 53																					223
52/ 51																					183
50/ 49																				1	166
48/ 47																					126
46/ 45																					152
44/ 43																					94

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												

ETAC 6-245 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL 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
42/ 41																					86
40/ 39																				1	78
38/ 37																					51
36/ 35																					28
34/ 33																					13
32/ 31																					15
30/ 29																					3
28/ 27																					7
26/ 25																					5
24/ 23																					3
22/ 21																					5
20/ 19																					1
18/ 17																					1
14/ 13																					1
10/ 9																					1
6/ 5																					1
TOTAL	.1	.6	.7	1.0	1.2	1.7	2.5	2.2	3.3	5.0	5.3	5.9	7.9	9.1	10.3	9.6	33.5	2951	2956	2951	2951

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.	3279045	86845	29.4	15.658	2951							
Dry Bulb	26620034	280726	95.0	7.358	2956			92.9	92.2	89.0	65.6	93
Wet Bulb	1402771	203205	68.9	3.196	2951			73.6	9.1	.3		93
Dew Point	9094226	161674	54.8	8.958	2951		1.4	6.9	.5			93

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.3	10	10		
104/103															.0		1.3	38	38		
102/101															.0	.1	3.3	100	100		
100/ 99														.0	.2	.7	5.1	178	178		
98/ 97								.0			.0	.0	.1	.4	1.2	1.8	4.1	228	229		
96/ 95									.0	.0		.1	.7	1.9	2.0	2.1	3.2	296	296		
94/ 93								.0	.0	.1	.2	.9	1.6	2.0	1.9	1.6	1.7	301	304		
92/ 91							.0	.1	.1	.4	.8	2.3	2.5	1.5	1.5	.8	.7	318	319		
90/ 89								.1	.2	.8	2.0	2.4	1.9	.9	.7	.3	.3	299	300		
88/ 87						.0	.1	.3	.8	2.2	1.8	1.4	.4	.3	.2		.1	228	229		
86/ 85							.2	.8	1.7	2.1	.7	.1	.0	.0	.0	.0		174	174		
84/ 83						.2	.6	2.0	1.6	.9	.2				.0			164	164	1	
82/ 81					.2	1.2	1.8	1.8	.7	.2					.0			174	174		
80/ 79			.0	.1	1.0	1.6	1.2	.6	.2									138	138	4	1
78/ 77			.0	.6	1.3	1.2	.6	.1										112	112	8	
76/ 75			.4	1.1	1.2	.5	.1	.0	.0									96	96	17	4
74/ 73		.2	.4	.4	.4	.1	.0	.0										48	48	83	3
72/ 71		.5	.5	.2														33	33	351	26
70/ 69		.2	.2	.2														17	17	817	71
68/ 67			.0															1	1	730	173
66/ 65		.0																1	1	468	219
64/ 63																				266	240
62/ 61																				130	290
60/ 59																				55	292
58/ 57																				19	234
56/ 55																				5	238
54/ 53																					190
52/ 51																					147
50/ 49																					139
48/ 47																					120
46/ 45																					122
44/ 43																					111
42/ 41																					74
40/ 39																					74

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 4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S. GOVERNMENT PRINTING OFFICE: 1974 757-650

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JI 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
38/ 37																					71
36/ 35																					47
34/ 33																					20
32/ 31																					13
30/ 29																					9
28/ 27																					4
26/ 25																					3
24/ 23																					5
22/ 21																					5
20/ 19																					1
18/ 17																					1
TOTAL		.9	1.6	2.5	4.6	4.8	4.7	5.9	5.5	6.8	6.4	7.3	7.2	7.1	7.8	7.3	20.1		2961		2953
																		2954		2954	

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.	4940107	107095	36.2	18.915	2953							
Dry Bulb	23861095	264839	89.4	7.651	2961			93.0	91.4	81.4	36.3	93
Wet Bulb	13542953	199786	67.6	3.245	2954			63.3	3.6	.1		93
Dew Point	9438346	163700	55.4	9.450	2953		1.3	8.6	.3	.0		93

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

☆ U. S GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.1	2	2		
98/ 97																.0	.4	13	13		
96/ 95														.1	.3	.3	.5	36	36		
94/ 93												.1	.3	.6	.6	.5	.6	78	78		
92/ 91									.0	.1	.1	.4	1.4	1.5	1.5	1.0	.8	205	205		
90/ 89									.1	.2	1.0	2.0	2.3	1.8	1.3	.8	.6	301	302		
88/ 87						.0	.0	.2	.6	1.4	2.1	2.2	1.7	1.3	1.1	.5	.1	339	340		
86/ 85						.1	.1	.9	2.2	3.5	2.3	1.6	.6	1.0	.4	.2		387	388		
84/ 83					.1	.2	.8	2.0	3.2	2.1	1.0	.6	.7	.5	.2	.1		339	341		
82/ 81					.2	.7	2.1	2.6	2.0	.7	.5	.3	.1	.1	.2		.0	285	285		
80/ 79				.2	1.0	2.8	3.2	1.6	.4	.2	.1	.1	.1	.2	.1			296	296		
78/ 77			.1	1.1	2.7	2.2	1.5	.6	.1	.0		.1	.0	.0				251	251	2	
76/ 75		.1	.6	2.5	2.0	.7	.3	.1						.1				191	191	10	
74/ 73		.3	1.3	1.3	.9	.2	.0											119	119	49	6
72/ 71	.1	.7	2.1	.3	.1	.0												96	96	249	30
70/ 69		.3	.4	.2	.1													31	31	705	116
68/ 67		.1	.0		.0													5	5	796	247
66/ 65																				470	317
64/ 63																				283	310
62/ 61																				176	293
60/ 59																				127	304
58/ 57																				56	221
56/ 55																				37	200
54/ 53																				10	147
52/ 51																				3	140
50/ 49																				1	116
48/ 47																					76
46/ 45																					89
44/ 43																					85
42/ 41																					57
40/ 39																					55
38/ 37																					39
36/ 35																					39
34/ 33																					29

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 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-713

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — JUL 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																					19
30/ 29																					13
28/ 27																					10
26/ 25																					5
24/ 23																					4
22/ 21																					5
18/ 17																					1
14/ 13																					1
TOTAL	.1	1.4	4.6	5.5	7.1	6.8	8.2	8.0	8.7	8.1	7.1	7.3	7.4	7.3	5.7	3.5	3.1	2974	2979	2974	2974

Elem. (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.	7349733	135147	45.4	20.160	2974							
Dry Bulb	20778861	248157	83.3	5.990	2979			93.0	88.9	67.4	4.0	93
Wet Bulb	13250589	198201	66.6	3.739	2974			56.6	1.9			93
Dew Point	9970937	169833	57.1	9.573	2974		1.8	12.5	.2			93

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

☆ U. S GOVERNMENT PRINTING OFFICE —1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.0			1	1		
90/ 89											.0		.2	.1	.0		.0	10	10		
88/ 87									.2	.1	.3	.2	.2	.2	.1	.0		36	36		
86/ 85								.1	.5	.7	.8	.6	.2	.1	.1			95	95		
84/ 83							.1	1.3	1.0	1.6	1.0	.4	.2	.3				180	182		
82/ 81					.1	.6	2.1	3.4	2.6	1.4	1.2	.7	.3	.1		.0		379	382		
80/ 79				.0	1.2	3.4	5.4	4.1	2.6	1.1	1.1	.4	.2		.0			601	602		
78/ 77	.0		.0	1.3	3.8	4.7	3.5	2.1	1.5	1.0	.6	.5	.3	.0				586	586	1	
76/ 75			1.0	3.1	4.7	2.7	1.8	1.0	.9	.9	.5	.0	.1					512	512		
74/ 73		.1	2.5	2.9	2.5	1.3	.3	.4	.5	.4	.2	.2	.0					339	339	11	
72/ 71		1.0	2.9	1.7	.4	.3	.2	.1	.1	.3	.1	.1						219	219	202	7
70/ 69		.3	1.2	.4	.0	.1	.1	.1	.0	.0								72	72	676	144
68/ 67	.1	.3	.1			.0		.1	.1									19	19	807	329
66/ 65			.1															2	2	609	411
64/ 63																				267	486
62/ 61																				175	358
60/ 59																				136	319
58/ 57																				96	228
56/ 55																				36	162
54/ 53																				20	125
52/ 51																				12	94
50/ 49																				3	91
48/ 47																					91
46/ 45																					51
44/ 43																					46
42/ 41																					30
40/ 39																					26
38/ 37																					29
36/ 35																					7
34/ 33																					6
32/ 31																					5
30/ 29																					5
TOTAL	.1	1.7	7.9	9.4	12.8	13.1	13.5	12.7	9.9	7.6	5.7	3.0	1.4	.8	.2	.1	.0	3051	3057	3051	3050

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.	10656825	172889	56.7	16.762	3050							
Dry Bulb	18501407	237513	77.7	3.958	3057			92.9	83.5	30.2		93
Wet Bulb	13399286	201852	66.2	3.837	3051			51.7	.4			93
Dew Point	11085847	182485	59.8	7.413	3050		.3	14.6				93

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG 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				
88/ 87											.1	.0	.1	.0	.0			7	7		
86/ 85									.1	.0	.3	.1	.0	.1				20	20		
84/ 83								.4	.2	.5	.2	.1	.1					44	45		
82/ 81				.0		.1	.4	1.0	1.0	1.1	.2	.2	.1					130	131		
80/ 79			.0		.4	1.5	2.9	2.4	1.6	.7	.5	.2	.0					316	320		
78/ 77				.5	3.3	4.6	5.2	2.6	1.0	.8	.6	.4						581	584		
76/ 75		.0	.6	2.9	6.0	5.2	2.6	1.4	1.1	.7	.4	.1						635	635	2	
74/ 73		.1	2.8	5.4	4.5	2.5	2.0	1.1	1.2	.5	.2	.0						619	619	1	2
72/ 71		1.1	4.5	3.1	1.8	1.2	.7	.5	.5	.3	.2	.1						425	425	89	3
70/ 69		1.2	1.9	1.2	.6	.2	.4	.4	.1	.3	.0							194	194	530	89
68/ 67	.1	.4	.3	.3	.2	.1	.2	.2	.2		.0							61	61	856	345
66/ 65		.1	.1	.0	.1	.0	.1	.1										14	14	661	463
64/ 63																				325	472
62/ 61																				205	401
60/ 59																				141	350
58/ 57																				104	209
56/ 55																				66	187
54/ 53																				23	110
52/ 51																				18	75
50/ 49																				5	82
48/ 47																					78
46/ 45																					51
44/ 43																					39
42/ 41																					34
40/ 39																					20
38/ 37																					17
36/ 35																					8
34/ 33																					5
32/ 31																					6
TOTAL	.1	2.9	10.2	13.5	16.9	15.5	14.6	10.1	7.0	4.7	2.7	1.1	.3	.1	.0			3046	3055		3046
																		3046		3046	

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.	12279336	187252	61.5	15.882	3046							
Dry Bulb	17326424	229812	75.2	3.566	3055			92.6	71.9	11.0		93
Wet Bulb	13111040	199494	65.5	3.862	3046			45.1	.1			93
Dew Point	11150963	183071	60.1	6.972	3046		.2	13.4	.1			93

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

☆ U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0						1	1		
94/ 93															.0		.0	2	2		
92/ 91											.0	.1	.0	.1				7	7		
90/ 89										.0	.1	.2	.1	.0	.1	.1		16	16		
88/ 87								.0	.3	.5	.5	.2	.2		.1	.0		58	58		
86/ 85							.0	.5	.6	.7	.8	.3	.3	.0				101	102		
84/ 83						.1	.9	1.7	1.4	.7	.6	.4	.1	.1				181	183		
82/ 81					.0	.9	2.1	2.9	1.5	1.1	.4	.2	.3	.0	.0			291	291		
80/ 79				.1	1.1	3.8	4.6	2.4	1.7	.5	.7	.2	.0	.0				465	467		
78/ 77			.0	.9	3.6	5.0	3.5	2.2	.7	.8	.3	.1						524	525	1	
76/ 75			.4	2.9	4.6	3.3	2.0	1.1	.5	.3	.2	.0						469	470		
74/ 73		.1	1.9	4.4	3.7	2.1	1.4	.7	.4	.1	.1							455	455	13	
72/ 71		.3	2.7	2.7	1.6	.9	.8	.5	.4	.1	.1	.1						310	310	238	5
70/ 69		.5	1.3	.8	.4	.5	.1	.2	.2									122	122	655	76
68/ 67	.0	.3	.5	.2	.0	.1		.1	.0	.0								41	41	857	338
66/ 65		.1	.1	.1	.1		.0	.1	.0									13	13	582	520
64/ 63																				300	521
62/ 61																				185	442
60/ 59																				118	325
58/ 57																				55	213
56/ 55																				29	185
54/ 53																				14	110
52/ 51																				6	78
50/ 49																				3	69
48/ 47																					48
46/ 45																					41
44/ 43																					28
42/ 41																					20
40/ 39																					20
38/ 37																					7
36/ 35																					4
34/ 33																					3
32/ 31																					2
30/ 29																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45.48-75 YEARS — AUG 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	.0	1.3	6.9	12.1	15.2	16.7	15.4	12.4	7.8	4.9	3.8	1.9	.9	.3	.2	.1	.0	3056	3063	3056	3056

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11343164	180452	59.0	15.004	3056							
Dry Bulb	18280035	236217	77.1	4.240	3063			92.6	78.2	26.9	.1	93
Wet Bulb	13521674	202986	66.4	3.569	3056			53.7	.4			93
Dew Point	11395222	185626	60.7	6.268	3056		.1	12.8				93

FORM 201 64 0-26-2 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

U S GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 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
104/103																	.1	2	2		
102/101																	.2	5	5		
100/ 99																.1	.4	15	15		
98/ 97													.1	.3	.4	.5	.5	55	55		
96/ 95								.0		.0	.1	.4	.6	1.1	1.1	.4	.4	126	127		
94/ 93									.0	.0	.4	1.6	1.9	1.6	.7	.6	.4	217	217		
92/ 91							.0		.1	.6	1.7	2.4	1.8	1.2	.5	.4	.1	274	274		
90/ 89							.0	.0	1.1	3.1	3.3	2.5	1.2	1.1	.7	.2	.1	407	407		
88/ 87								1.0	3.1	4.2	3.1	1.6	1.1	.2	.3	.1	.0	450	450		
86/ 85						.1	.9	2.9	4.9	3.3	2.1	.6	.4	.3	.0			473	473		
84/ 83						.5	2.2	4.0	3.2	1.7	.5	.3	.2	.1	.0			388	388		
82/ 81					.2	1.6	3.2	2.4	1.2	.4	.2	.1						284	284	2	
80/ 79				.1	.6	2.0	1.8	.7	.3	.1	.1	.0	.0					173	173		
78/ 77				.4	.8	1.1	.6	.1		.0								92	92	4	1
76/ 75			.0	.6	.7	.3	.0	.0										52	52	30	
74/ 73			.2	.4	.0	.0												20	20	242	1
72/ 71		.1	.3	.1														15	15	645	13
70/ 69		.2	.1	.0														10	10	907	81
68/ 67		.1																3	3	685	276
66/ 65																				287	395
64/ 63																				149	477
62/ 61																				66	442
60/ 59																				33	399
58/ 57																				10	282
56/ 55																				1	187
54/ 53																					128
52/ 51																					114
50/ 49																					76
48/ 47																					50
46/ 45																					39
44/ 43																					36
42/ 41																					20
40/ 39																					21
38/ 37																					9

Element (X)	Σ_X	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

U. S GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					12
34/ 33																					2
TOTAL		.4	.7	1.5	2.4	5.5	8.8	11.3	13.9	13.5	11.3	9.5	7.2	6.0	3.8	2.1	2.2	3061	3062	3061	3061

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.	6234632	131700	43.0	13.627	3061							
Dry Bulb	23059552	265222	86.6	5.324	3062			93.0	92.1	84.9	12.8	93
Wet Bulb	14555105	210875	68.9	3.011	3061			76.4	8.4	.1		93
Dew Point	11152759	183729	60.0	6.388	3061			11.3	.1			93

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

☆ U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.0	1	1		
108/107																	.2	5	5		
106/105																	.6	18	18		
104/103												.0				.1	1.0	34	35		
102/101												.0	.0	.1	.2	.7	2.8	121	122		
100/ 99								.0		.0	.0	.1	.2	.9	1.5	2.3	2.7	239	240		
98/ 97								.0	.0	.0	.1	.2	1.3	1.9	2.1	2.4	2.7	329	330		
96/ 95									.0	.0	.4	1.7	3.8	3.3	2.2	1.1	1.8	441	441		
94/ 93									.1	.5	1.8	2.7	3.7	2.9	1.5	.9	.8	453	453		
92/ 91								.0	.2	1.8	3.2	4.5	2.4	.9	.6	.5	.2	436	436		
90/ 89								.3	1.1	2.9	3.7	2.5	1.0	.5	.4	.1		385	385		
88/ 87							.2	.5	2.0	2.6	1.5	.5	.2	.1	.0			230	230		
86/ 85						.1	.2	.8	1.7	1.2	.5	.0		.0				137	137	1	
84/ 83					.0	.1	.5	1.1	.9	.3								92	92	1	1
82/ 81				.0	.1	.4	.7	.6	.1	.0								58	58	5	
80/ 79				.1	.1	.5	.3	.0										31	31	4	1
78/ 77			.0	.1	.2	.2	.0											16	16	12	2
76/ 75			.1	.2	.0	.0												10	10	102	4
74/ 73		.0	.1	.2	.0													11	11	386	5
72/ 71			.2	.1														8	8	710	22
70/ 69																				803	55
68/ 67					.1													2	2	530	166
66/ 65																				223	267
64/ 63																				152	362
62/ 61																				49	376
60/ 59																				14	411
58/ 57																				4	335
56/ 55																				1	278
54/ 53																					183
52/ 51																					151
50/ 49																					95
48/ 47																					99
46/ 45																					88
44/ 43																					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 762-610

DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG 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
42/ 41																					41
40/ 39																					21
38/ 37																					6
36/ 35																					15
34/ 33																					3
32/ 31																					5
TOTAL		.0	.4	.6	.6	1.3	1.9	3.3	6.1	9.5	11.2	12.2	12.6	10.8	8.5	8.2	12.8	3057	3061	3057	3057

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.	3902767	102751	33.6	12.123	3057							
Dry Bulb	26385870	283692	92.7	5.526	3061			93.0	92.7	91.3	50.0	93
Wet Bulb	14853041	212865	69.6	3.176	3057			79.5	15.5	.3		93
Dew Point	10488764	177764	58.1	7.048	3057		.2	7.8	.4	.1		93

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

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DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	2	2		
108/107																	.3	10	10		
106/105																	.9	28	28		
104/103												.0			.0	.2	1.7	58	58		
102/101											.0				.1	1.1	4.0	160	160		
100/ 99										.1	.1	.1	.2	.5	1.9	2.4	4.9	308	308		
98/ 97										.1	.1	.1	.7	2.2	3.1	2.2	4.0	379	379		
96/ 95									.0	.1	.4	1.1	2.4	3.3	3.3	1.7	2.7	456	456		
94/ 93										.3	.9	3.7	3.5	2.8	1.5	.7	1.0	439	439		
92/ 91									.1	.3	2.2	3.1	2.4	1.2	.5	.4	.2	316	317		
90/ 89								.1	.9	1.7	2.6	1.8	.7	.3	.1	.0		253	254		
88/ 87								.3	1.6	2.5	1.0	.5	.1		.1	.0		186	186		
86/ 85							.2	1.0	1.8	.9	.3	.0						129	129		
84/ 83					.1	.2	.4	1.3	.6	.2								83	83		
82/ 81				.1	.1	.6	1.0	.4	.2	.0								73	73	5	
80/ 79				.1	.3	.6	.5	.2										54	54	9	
78/ 77			.0	.2	.6	.5	.1											44	44	9	1
76/ 75			.1	.4	.4													29	29	60	3
74/ 73		.1	.2	.3	.1													20	20	253	8
72/ 71	.0	.1	.3	.1														14	14	707	24
70/ 69		.2	.1															7	7	874	57
68/ 67		.1		.0														3	3	578	139
66/ 65			.0															1	1	280	236
64/ 63																				192	288
62/ 61																				64	363
60/ 59																				19	356
58/ 57																				2	323
56/ 55																					271
54/ 53																					219
52/ 51																					159
50/ 49																					129
48/ 47																					120
46/ 45																					109
44/ 43																					93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
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 762-610

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PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45.48-75 YEARS — AUG MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
42/ 41																						67
40/ 39																						27
38/ 37																						25
36/ 35																						26
34/ 33																						6
32/ 31																						2
28/ 27																						1
TOTAL	.0	.4	.7	1.1	1.5	1.9	2.3	3.3	5.2	6.1	7.8	10.4	10.0	10.2	10.6	8.7	19.7			3054		3052
																			3052		3052	

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.	3942581	100149	32.8	14.066	3052							
Dry Bulb	26503094	283794	92.9	6.561	3054			93.0	92.2	88.8	56.0	93
Wet Bulb	14618112	211006	69.1	3.125	3052			76.0	10.2	.2		93
Dew Point	10079140	173822	57.0	7.668	3052		.1	7.1	.4			93

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

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — AUG 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
106/105																	.1	3	3		
104/103																	.4	12	12		
102/101																.1	.5	16	16		
100/ 99												.0			.1	.2	1.2	48	48		
98/ 97										.0	.0		.0	.6	.7	.8	1.9	122	122		
96/ 95											.1	.1	.5	1.4	1.4	1.6	1.8	212	212		
94/ 93										.1	.3	.8	1.8	2.3	1.6	1.0	1.1	275	275		
92/ 91								.1	.0	.2	1.4	2.7	2.5	2.2	1.2	.7	.7	354	355		
90/ 89									.2	1.1	3.7	2.9	2.1	.9	1.1	.6	.2	390	394		
88/ 87								.3	1.4	3.0	2.4	1.7	1.0	.6	.3	.2		329	329		
86/ 85							.3	.9	3.6	2.5	1.5	.6	.2	.4	.2	.0		314	314		
84/ 83						.2	.9	2.8	2.2	.8	.5	.2	.1	.1	.1			239	239		
82/ 81				.0	.3	1.0	2.8	1.5	.8	.1	.0	.0	.1	.1	.0			210	210		
80/ 79				.1	1.0	1.6	1.6	.9	.1	.0		.0						165	165	1	
78/ 77			.1	.7	1.4	1.1	.7	.1										124	124	4	
76/ 75			.4	1.2	1.3	.4	.2											105	105	10	
74/ 73		.1	.8	.8	.5	.1	.0											72	72	92	2
72/ 71		.3	.8	.4	.1													50	50	461	22
70/ 69	.0	.1	.4	.1														18	18	905	92
68/ 67		.0																1	1	727	202
66/ 65	.0																	1	1	416	256
64/ 63																				234	366
62/ 61																				118	396
60/ 59																				61	327
58/ 57																				22	261
56/ 55																				9	236
54/ 53																					180
52/ 51																					150
50/ 49																					123
48/ 47																					91
46/ 45																					94
44/ 43																					79
42/ 41																					71
40/ 39																					31

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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — AUG 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
38/ 37																					22
36/ 35																					26
34/ 33																					22
32/ 31																					5
30/ 29																					6
TOTAL	.1	.5	2.5	3.3	4.5	4.3	6.5	6.6	6.4	7.7	9.9	9.0	8.3	8.4	6.8	5.2	7.9		3065		3060
																		3060		3060	

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.	6000559	123933	40.5	17.897	3059							
Dry Bulb	23432342	267192	87.2	6.755	3065			93.0	90.9	79.6	20.9	93
Wet Bulb	14116277	207605	67.8	3.202	3060			66.9	3.3	.0		93
Dew Point	10342944	176174	57.6	8.087	3060		.3	9.7	.1			93

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

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.S.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	2	2		
96/ 95															.0	.0	.2	7	7		
94/ 93												.0	.0	.1	.2	.0	.1	13	13		
92/ 91							.0		.0	.0	.0	.3	.5	.2	.3	.2	.2	53	53		
90/ 89						.0			.1	.3	.5	.7	1.1	.9	.4	.4	.0	136	136		
88/ 87								.1	.6	1.3	1.6	1.6	1.3	1.0	.4	.2	.1	250	254		
86/ 85							.1	.7	2.7	3.1	2.4	1.5	1.0	.6	.2	.1	.1	375	377		
84/ 83						.0	.1	.9	3.3	3.2	2.7	1.4	1.1	.7	.3	.1		424	424		
82/ 81					.1	.2	1.1	3.6	3.3	2.4	1.7	.9	.8	.5	.2			452	452		
80/ 79					.4	1.0	3.7	4.3	2.0	1.1	.8	.3	.5	.4	.1			445	445	2	
78/ 77				.1	1.3	2.7	2.5	1.6	.8	.0	.2	.3	.2	.2	.0			321	321		
76/ 75				.9	2.4	2.4	1.6	.7	.2	.1	.1	.1	.2	.1				265	265	6	2
74/ 73			.1	1.4	2.1	.9	.3	.1		.0	.1	.1	.1					160	160	53	1
72/ 71			.4	1.4	.7	.4	.0											88	88	296	24
70/ 69	.0	.4	.6	.3					.0									40	40	776	128
68/ 67	.1	.3	.1															14	14	770	273
66/ 65		.1		.1														4	4	466	398
64/ 63			.0															1	1	300	425
62/ 61																				184	358
60/ 59																				95	304
58/ 57																				52	231
56/ 55																				28	193
54/ 53																				18	143
52/ 51																				4	116
50/ 49																					109
48/ 47																					84
46/ 45																					49
44/ 43																					67
42/ 41																					41
40/ 39																					36
38/ 37																					24
36/ 35																					12
34/ 33																					17
32/ 31																					8

Element (X)	ΣX	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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB AR!ZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | AUG 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
30/ 29																					4
28/ 27																					2
26/ 25																					1
TOTAL	.1	1.2	4.7	7.3	7.5	9.4	11.4	10.2	10.8	11.2	7.6	6.9	5.8	3.3	1.7	1.0	.7		3056		3050
																		3050		3050	

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.	8639988	152926	50.1	17.858	3050							
Dry Bulb	20240517	248221	81.2	5.084	3056			92.8	88.5	60.2	.7	93
Wet Bulb	13668494	203868	66.8	3.692	3050			58.0	1.9			93
Dew Point	10821984	180052	59.0	7.954	3050		.5	13.1	.1			93

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

U.S. GOVERNMENT PRINTING OFFICE—1974 746-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SLP 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
92/ 91														.0				1	1		
90/ 89													.0					1	1		
88/ 87													.1	.0	.0		.0	6	6		
86/ 85									.0	.2	.0	.3	.4	.2	.1	.1	.0	41	41		
84/ 83						.1	.1	.1	.3	.4	.7	.5	.5	.2	.0	.2	.0	90	90		
82/ 81						.1	.1	.8	1.0	1.3	1.4	1.2	.4	.2	.1			189	189		
80/ 79					.1	.2	1.0	1.4	1.9	1.6	1.7	.7	.6	.2	.0			277	277		
78/ 77					.4	1.3	1.8	2.3	1.9	2.0	1.7	.8	.6	.2				385	385		
76/ 75			.1	.4	1.7	1.8	1.9	1.8	1.9	1.8	1.7	.8	.1	.2				420	420		
74/ 73		.1	.2	1.1	1.8	2.1	1.5	2.0	1.6	1.5	1.4	.7	.1					415	418	3	
72/ 71		.1	.7	1.6	1.1	1..	.6	1.1	1.6	1.7	1.1	.3	.0					359	361	10	
70/ 69		.3	1.1	1.1	.9	1.0	1.1	1.3	1.0	1.3	1.0	.1						301	301	83	9
68/ 67	.0	.0	.6	.8	.5	.6	.8	.5	1.0	.9	.4							185	185	266	46
66/ 65		.2	.6	.2	.4	.2	.5	.6	.7	.5	.2							124	124	361	90
64/ 63	.1	.1	.2	.3	.1	.1	.3	.4	.3	.4	.1							69	69	376	167
62/ 61		.1	.1	.2	.0	.1	.2	.1	.1	.2								32	32	384	221
60/ 59		.1	.1	.0		.1	.2	.2	.3									29	29	353	209
58/ 57				.0		.1	.1	.1	.0									11	11	306	195
56/ 55					.0	.0	.1	.1										7	7	257	213
54/ 53								.0										1	1	202	208
52/ 51								.0										1	1	149	187
50/ 49																				95	193
48/ 47																				50	151
46/ 45																				28	178
44/ 43																				15	149
42/ 41																				4	126
40/ 39																				2	115
38/ 37																					115
36/ 35																					102
34/ 33																					67
32/ 31																					66
30/ 29																					37
28/ 27																					39
26/ 25																					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 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP MONTH

PAGE 2 | 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
24/ 23																					22
22/ 21																					8
20/ 19																					3
18/ 17																					1
16/ 15																					1
14/ 13																					1
TOTAL	.1	1.1	3.7	5.7	7.2	9.0	11.1	13.1	13.5	13.8	11.5	5.3	2.9	1.3	.3	.3	.1	2944	2949	2944	2944

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.	7104131	135015	45.9	17.606	2944							
Dry Bulb	16204824	217998	73.9	5.520	2949			81.6	55.8	14.3		90
Wet Bulb	10663933	176383	59.9	5.722	2944			11.1	.1			90
Dew Point	7672900	147044	49.9	10.565	2944		6.2	1.7				90

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP 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				
88/ 87												.1	.1	.1				7	7		
86/ 85										.0			.0					2	2		
84/ 83								.1	.0	.0	.2	.1	.1	.0		.0		19	19		
82/ 81							.0	.2	.1	.2	.3	.3	.1			.0		42	42		
80/ 79						.2	.5	.7	1.0	.8	.6	.4	.2	.1	.1			133	133		
78/ 77					.1	.7	1.4	1.9	1.2	1.2	.9	.4	.2	.1	.1			243	243		
76/ 75				.3	1.5	2.1	1.9	2.1	1.8	1.4	.9	.4	.3	.2				379	379		
74/ 73		.0	.1	.8	2.4	2.5	1.9	1.6	1.5	1.5	.9	.3	.2					403	403		
72/ 71		.0	.7	1.7	2.3	2.2	2.3	1.9	2.2	1.5	.9	.1	.1					468	470	1	
70/ 69	.0	.5	.8	1.6	1.7	1.3	1.3	1.6	1.3	1.7	.7	.1						375	377	45	2
68/ 67	.1	.3	1.3	1.1	1.1	1.4	1.5	1.2	1.4	.9	.1							300	302	186	30
66/ 65		.0	.6	1.0	.8	1.1	1.5	1.0	1.0	.8	.1							236	236	326	87
64/ 63	.1	.3	.4	.2	.4	.6	.6	1.1	.6	.3	.0							139	139	380	145
62/ 61		.2	.3	.3	.1	.4	.5	.8	.3	.2								93	93	371	228
60/ 59		.1	.2	.1	.2	.3	.4	.3	.2	.1								57	57	344	216
58/ 57			.1		.0	.1	.2	.2	.0									20	20	297	260
56/ 55				.1		.1	.1	.1	.1									11	11	282	192
54/ 53			.0		.1		.1	.1										12	12	243	209
52/ 51					.0	.1		.0										4	4	178	204
50/ 49																				144	170
48/ 47																				78	147
46/ 45																				35	181
44/ 43																				21	164
42/ 41																				9	125
40/ 39																				3	126
38/ 37																					92
36/ 35																					103
34/ 33																					87
32/ 31																					45
30/ 29																					35
28/ 27																					35
26/ 25																					26
24/ 23																					15
22/ 21																					11

Element (X)	$\Sigma X'$	ΣX^2	$\bar{X}$	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 - 19/4 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP 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
20/ 19																					3
18/ 17																					2
14/ 13																					2
12/ 11																					1
TOTAL	.2	1.5	4.5	7.2	11.0	13.0	14.2	14.9	12.9	10.7	5.7	2.3	1.3	.5	.1	.1		2943	2949	2943	2943

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.	8205592	146878	49.9	17.248	2943							
Dry Bulb	14991504	209656	71.1	5.409	2949			72.5	37.5	4.2		90
Wet Bulb	10305067	173285	58.9	5.888	2943			7.1				90
Dew Point	7660522	147016	50.0	10.371	2943		5.4	1.0				90

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

U.S. GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP 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
92/ 91												.0		.0		.0		3	3		
90/ 89											.0	.1	.0	.1	.1	.1	.0	13	13		
88/ 87										.0		.1	.1	.4	.1	.0	.0	25	25		
86/ 85								.0	.1	.3	.3	.4	.2	.3	.1	.1	.1	58	58		
84/ 83							.0	.0	.4	.6	.6	.5	.4	.2	.2	.0		91	91		
82/ 81						.1	.3	.9	1.2	1.0	.9	1.0	.3	.1	.1			174	174		
80/ 79						.5	.9	1.0	1.3	.9	.9	.4	.3	.3	.0			190	190		
78/ 77					.3	1.0	1.8	2.4	1.6	.9	.8	.8	.4	.1				294	295		
76/ 75				.2	1.1	1.9	2.4	2.3	1.6	1.8	.9	.3	.1		.0			376	377		
74/ 73			.1	1.2	2.2	2.1	2.0	1.6	1.7	1.1	1.0	.6	.2					406	407		
72/ 71		.1	.6	1.5	1.4	2.0	2.0	1.2	1.0	1.1	.7	.2						352	353	7	
70/ 69		.2	.5	1.7	1.5	.9	1.4	1.3	1.4	.9	.4	.1						301	303	81	2
68/ 67	.0	.3	.6	.8	1.0	1.2	1.0	.8	.8	.9	.2							225	226	239	22
66/ 65	.0	.2	.5	.6	.8	.8	.8	.5	.8	.2	.2							162	162	394	98
64/ 63		.3	.4	.3	.5	.5	.5	.7	.6	.1								119	119	412	154
62/ 61		.1	.1	.3	.3	.4	.3	.5	.3									69	69	414	224
60/ 59			.1	.1	.2	.3	.3	.2	.3									49	49	325	253
58/ 57		.0	.1	.1	.0	.0	.1	.1	.0									15	15	292	253
56/ 55					.1	.1	.0	.1	.0									9	9	251	241
54/ 53			.1		.0		.2	.1										10	10	180	240
52/ 51																				151	200
50/ 49																				97	183
48/ 47																				49	153
46/ 45																				29	181
44/ 43																				11	130
42/ 41																				6	107
40/ 39																				3	102
38/ 37																					94
36/ 35																					80
34/ 33																					72
32/ 31																					49
30/ 29																					41
28/ 27																					26
26/ 25																					16

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 JUL 64

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-5-10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45.48-75 YEARS | SLP 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
24/ 23																					12
22/ 21																					5
20/ 19																					1
18/ 17																					1
16/ 15																					1
TOTAL	.1	1.2	3.1	6.9	9.6	12.0	14.1	13.7	13.1	9.8	7.0	4.8	2.1	1.6	.5	.2	.1		2948		2941
																		2941		2941	

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.	7729329	142291	48.41	16.954	2941							
Dry Bulb	15878274	215558	73.1	6.292	2948			76.8	49.9	14.2		90
Wet Bulb	10676356	176414	60.0	5.663	2941			10.0				90
Dew Point	7891754	149554	50.9	9.075	2941		4.7	.7				90

FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

U S GOVERNMENT PRINTING OFFICE—1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — SEP 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
102/101																	.1	3	3		
100/ 99																.1	.5	18	18		
98/ 97													.0	.1	.3	.4	1.0	55	55		
96/ 95												.1	.2	.5	.7	.8	1.6	113	113		
94/ 93											.0	.2	.6	1.0	1.2	1.2	1.2	157	157		
92/ 91										.1	.3	1.2	1.7	1.7	1.3	1.1	.8	238	238		
90/ 89								.0	.1	.4	1.0	1.9	2.0	1.6	1.5	.6	.4	276	278		
88/ 87							.0		.4	1.3	1.9	2.8	1.5	1.6	1.1	.5	.2	332	333		
86/ 85							.0	.4	1.1	2.7	2.5	1.8	1.4	1.4	.7	.3	.1	369	370		
84/ 83						.0	.5	1.5	1.8	2.2	1.8	1.6	1.1	.7	.3	.2	.0	350	351		
82/ 81					.0	.1	.9	1.5	2.1	1.6	1.3	.9	.7	.7	.3	.0		302	303		
80/ 79					.0	.7	1.0	1.6	1.3	1.0	.9	1.0	.2	.4	.1			241	241		
78/ 77					.3	.5	1.2	1.1	1.0	.7	.5	.2	.4	.1				179	179		
76/ 75			.1	.1	.3	.7	.5	.4	.3	.3	.4	.3	.2	.0				106	106	2	
74/ 73			.1	.1	.4	.2	.2	.5	.2	.3	.1	.1	.0	.0				69	69	19	
72/ 71		.0	.2	.2	.2	.3	.5	.1	.2	.3	.1	.1		.0				69	69	114	3
70/ 69		.0	.1	.1		.0	.0	.0	.1	.0	.1	.1						21	21	347	8
68/ 67		.3	.3			.2	.0	.0	.1									26	26	538	31
66/ 65		.0	.1				.0	.0	.0	.1								9	9	575	91
64/ 63		.0	.0			.0		.0										4	4	412	154
62/ 61																				364	200
60/ 59				.0														1	1	257	282
58/ 57																				136	269
56/ 55																				84	274
54/ 53																				58	236
52/ 51																				18	231
50/ 49																				7	180
48/ 47																				7	169
46/ 45																					145
44/ 43																					138
42/ 41																					150
40/ 39																					91
38/ 37																					79
36/ 35																					54

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — SLP MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33																					40
32/ 31																					49
30/ 29																					26
28/ 27																					14
26/ 25																					13
24/ 23																					5
22/ 21																					2
18/ 17																					3
12/ 11																					1
TOTAL		.4	.9	.6	1.2	2.9	5.0	7.4	8.7	11.2	10.8	12.3	10.2	9.9	7.4	5.2	6.0		2944		2938
																		2938		2938	

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.	4131686	101936	34.7	14.470	2938							
Dry Bulb	21286937	249595	84.8	6.545	2944			89.6	86.0	72.1	10.6	90
Wet Bulb	12193983	188829	64.3	4.432	2938			31.2	.6			90
Dew Point	8085997	151715	51.6	9.256	2938		3.5	1.3				9(

USAETAC Form 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.1	3	3		
106/105																	.3	8	8		
104/103																.0	1.2	36	36		
102/101																.1	2.8	87	87		
100/ 99												.0		.1	.4	1.0	4.4	177	177		
98/ 97													.2	.7	1.3	1.9	5.0	267	267		
96/ 95												.2	.8	1.5	2.1	2.7	4.3	343	343		
94/ 93										.1	.1	.7	1.6	2.5	2.2	2.2	2.8	360	362		
92/ 91									.0	.1	.6	1.6	2.4	2.5	1.8	1.8	1.6	367	369		
90/ 89								.1	.2	.5	1.4	1.9	2.1	1.8	1.6	1.3	1.0	353	353		
88/ 87								.1	.4	1.1	2.0	1.4	1.7	1.1	.7	.6	.3	278	278		
86/ 85						.0	.1	.5	.7	1.1	1.6	1.0	.9	.6	.4	.3	.2	219	219		
84/ 83						.0	.1	.4	.6	1.4	1.2	.4	.6	.4	.2	.1	.0	155	155		
82/ 81						.0	.2	.2	.5	.5	.4	.4	.2	.2	.1	.0	.1	84	84		
80/ 79					.0	.0	.3	.5	.3	.2	.2	.3	.1	.1	.1			66	66		
78/ 77					.2	.1	.2	.2	.3	.1	.2	.1	.1	.0	.0			41	41	1	
76/ 75				.1	.3	.1	.2	.2	.1	.1	.1		.2	.1				41	41	12	
74/ 73			.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.0	.0				25	25	48	1
72/ 71		.1	.2	.1			.0				.1		.0					17	17	203	2
70/ 69		.0	.2	.2				.1	.0	.0								15	15	401	12
68/ 67		.1	.1															4	4	575	28
66/ 65																				589	56
64/ 63																				451	94
62/ 61																				316	139
60/ 59																				180	222
58/ 57																				72	238
56/ 55																				55	239
54/ 53																				22	242
52/ 51																				18	236
50/ 49																				3	209
48/ 47																					214
46/ 45																					174
44/ 43																					192
42/ 41																					155

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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP 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
40/ 39																					112
38/ 37																					102
36/ 35																					82
34/ 33																					62
32/ 31																					65
30/ 29																					30
28/ 27																					8
26/ 25																					13
24/ 23																					10
22/ 21																					5
20/ 19																					1
18/ 17																					1
16/ 15																					1
14/ 13																					1
TOTAL		.2	.6	.5	.6	.4	1.1	2.2	3.3	5.1	7.9	8.1	11.0	11.7	11.1	12.0	24.1	2946	2950	2946	2946

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.	2613332	79504	27.0	12.603	2946							
Dry Bulb	24409725	268085	90.9	6.567	2950			90.0	88.9	84.8	39.1	90
Wet Bulb	12628768	192496	65.3	4.153	2946			37.9	1.9			90
Dew Point	7570502	146786	49.8	9.338	2946		4.1	1.3	.0			90

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

U S GOVERNMENT PRINTING OFFICE - 1974 762-6-10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.6	19	19		
104/103														.0	.0		1.0	32	32		
102/101														.0		.3	3.0	98	98		
100/ 99													.0	.2	.2	1.1	4.4	171	171		
98/ 97													.1	.5	1.0	1.5	6.6	283	283		
96/ 95											.1	.1	.4	1.3	2.3	3.1	7.5	436	436		
94/ 93											.1	.1	1.0	1.9	2.8	2.8	3.8	365	367		
92/ 91									.0	.0	.3	1.2	1.8	2.0	1.7	1.6	2.2	320	321		
90/ 89								.1		.2	1.0	1.5	2.4	1.4	1.7	1.4	1.2	318	318		
88/ 87								.1	.2	.7	1.2	1.5	1.4	1.4	.9	.4	.4	244	244		
86/ 85							.1	.3	.6	.7	1.2	.6	.7	.9	.5	.3	.2	179	179		
84/ 83						.0	.1	.5	.6	.8	.7	.5	.3	.3	.3	.1	.1	125	125		
82/ 81						.1	.2	.5	.8	.3	.3	.6	.0	.3	.2	.0		97	97		
80/ 79					.2	.4	.4	.3	.4	.1	.2	.3	.1	.1	.1			74	74		
78/ 77				.0	.1	.4	.5	.3	.2	.1	.3		.1	.1				62	62	1	
76/ 75			.1	.1	.3	.2	.2	.0	.1		.0	.0	.1	.1	.0			42	42	11	
74/ 73			.1	.3	.1	.2	.0	.1		.0	.0	.0		.0				25	25	21	
72/ 71			.1	.3	.0	.0		.1		.0								19	19	122	4
70/ 69		.1	.1	.2	.1		.0	.0										19	19	345	14
68/ 67		.1	.0	.0	.0	.1	.0											8	8	526	30
66/ 65		.0	.0	.1														4	4	644	44
64/ 63		.0		.0														2	2	511	88
62/ 61		.0																1	1	364	122
60/ 59																				219	157
58/ 57																				83	184
56/ 55																				57	223
54/ 53																				30	203
52/ 51																				4	236
50/ 49																				5	189
48/ 47																					205
46/ 45																					230
44/ 43																					238
42/ 41																					180
40/ 39																					127

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) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP 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 - 2	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37																					125
36/ 35																					98
34/ 33																					82
32/ 31																					63
30/ 29																					45
28/ 27																					15
26/ 25																					15
24/ 23																					11
22/ 21																					3
20/ 19																					7
18/ 17																					3
16/ 15																					2
TOTAL		.3	.5	1.1	.9	1.5	1.6	2.3	2.9	3.1	5.4	6.4	8.4	10.5	11.7	12.5	31.1	2943	2946	2943	2943

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.	2597690	76873	26.1	14.155	2943							
Dry Bulb	24534087	268057	91.0	6.981	2946			89.8	88.4	83.4	43.0	90
Wet Bulb	12409303	190751	64.8	3.943	2943			31.4	1.0			90
Dew Point	7179345	142523	48.5	9.589	2943		5.0	1.5				90

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

USAFETAC

U.S GOVERNMENT PRINTING OFFICE : 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — SEP 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
104/103																	.0	1	1		
102/101																	.1	2	2		
100/ 99														.0			.5	17	17		
98/ 97														.0	.1	.2	.8	33	33		
96/ 95												.1	.0	.2	.4	.7	1.5	84	84		
94/ 93										.0			.4	.7	1.0	1.7	1.5	154	154		
92/ 91									.0	.0		.5	1.1	1.4	2.6	1.7	1.3	254	254		
90/ 89									.0	.1	.5	1.6	1.7	2.5	2.3	1.2	.7	314	314		
88/ 87									.1	.4	1.4	1.8	2.7	2.2	1.9	1.2	.4	357	358		
86/ 85					.0		.1	.1	.7	1.5	1.7	1.8	2.0	2.4	1.5	.6	.2	374	374		
84/ 83				.0			.1	.7	.6	1.0	1.6	1.4	1.4	1.5	.8	.2	.1	279	280		
82/ 81						.2	.4	.9	1.2	1.4	1.2	1.1	1.0	1.0	.3	.2	.0	262	262		
80/ 79				.0	.1	.6	.9	.8	1.1	1.2	1.0	.8	.8	.5	.2	.1		243	244	1	
78/ 77				.1	.2	.9	.9	.6	.7	1.0	.5	.5	.6	.2				183	183	1	1
76/ 75			.0	.4	.5	.4	.4	.4	.4	.3	.2	.4	.3	.1				121	121	2	1
74/ 73		.1	.1	.7	.5	.3	.3	.3	.3	.1	.1	.1	.0	.1				91	91	12	
72/ 71		.1	.7	.8	.3	.1	.1	.3	.1		.1	.1	.0					79	79	47	3
70/ 69		.1	.6	.5	.1	.1	.1		.0	.1	.1	.1						52	52	220	16
68/ 67	.0	.1	.4	.2	.1	.0	.1		.1	.1	.0							33	33	394	44
66/ 65		.0	.0		.1		.0	.0			.0							7	7	497	91
64/ 63				.0						.0								2	2	530	126
62/ 61																				447	124
60/ 59																				340	134
58/ 57		.1																3	3	219	186
56/ 55																				122	198
54/ 53																				61	203
52/ 51																				32	201
50/ 49																				16	206
48/ 47																				3	244
46/ 45																				1	186
44/ 43																					194
42/ 41																					163
40/ 39																					140
38/ 37																					112

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.												
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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					115
34/ 33																					66
32/ 31																					60
30/ 29																					33
28/ 27																					38
26/ 25																					10
24/ 23																					11
22/ 21																					6
20/ 19																					8
18/ 17																					1
16/ 15																					2
14/ 13																					2
TOTAL	.0	.5	1.8	2.9	2.1	2.6	3.5	4.3	5.3	7.2	8.6	10.3	12.1	12.9	11.1	7.6	7.1	2945	2948	2945	2945

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.	4050229	96849	32.9	17.144	2945							
Dry Bulb	21122684	248742	84.4	6.761	2948			89.6	84.6	69.4	8.9	90
Wet Bulb	11753990	185594	63.0	4.433	2945			20.7	.5			90
Dew Point	7378442	141378	49.0	10.100	2945		5.2	2.0	.1			90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AF STATION NAME | ARIZONA(TUCSON) | 41-45,48-75 YEARS | SEP 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
96/ 95												.0	.0					2	2		
94/ 93																.1	.0	3	3		
92/ 91													.0	.0	.1	.1	.1	9	9		
90/ 89									.0	.0	.0	.1	.2	.3	.5	.1	.1	41	41		
88/ 87							.0			.1	.7	.6	.7	1.0	.3	.2	.2	113	113		
86/ 85						.0	.1	.1	.4	.7	1.1	1.7	1.4	1.2	.3	.3	.2	222	222		
84/ 83							.2	.3	1.1	1.5	1.8	2.4	2.0	1.1	.3	.1		320	320		
82/ 81							.5	1.3	1.4	1.5	2.5	1.8	1.4	.9	.2	.0		339	339		
80/ 79				.0	.1	.4	1.0	1.6	1.7	1.7	1.8	1.8	1.1	.7	.1			350	351		
78/ 77			.1	.2	.3	1.4	1.3	1.2	1.9	1.6	1.6	1.2	.8	.1	.1			344	345		
76/ 75			.1	.6	1.3	1.2	1.2	1.4	1.8	1.3	1.5	1.5	.6	.1				370	371	3	
74/ 73			.3	.7	1.1	.7	.8	1.0	1.2	1.2	1.6	.7	.2	.0				280	280	10	1
72/ 71		.2	1.1	.9	.8	.8	.4	.8	.7	.6	.8	.5	.1					226	226	31	4
70/ 69		.2	.8	.6	.3	.4	.6	.6	.2	.6	.5	.3						152	152	131	23
68/ 67		.2	.2	.6	.4	.3	.1	.2	.1	.1	.3	.1	.0					80	80	322	45
66/ 65		.2	.3	.2	.1	.0	.1	.1	.2	.3	.1							44	44	366	116
64/ 63	.0		.1	.2	.1	.0		.2	.1	.1	.1							31	31	404	144
62/ 61					.1		.0	.1	.1	.1								12	12	439	177
60/ 59		.1	.0					.1	.1									8	9	375	175
58/ 57																				294	182
56/ 55									.0									1	1	232	178
54/ 53																				167	199
52/ 51																				73	212
50/ 49																				53	198
48/ 47																				27	198
46/ 45																				15	181
44/ 43																				4	162
42/ 41																				1	140
40/ 39																					120
38/ 37																					118
36/ 35																					110
34/ 33																					60
32/ 31																					76
30/ 29																					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

U. S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) SEP (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
28/ 27																					30
26/ 25																					22
24/ 23																					20
22/ 21																					8
20/ 19																					6
18/ 17																					4
16/ 15																					1
14/ 13																					1
TOTAL	.0	.9	3.1	4.1	4.5	5.2	6.1	8.9	11.1	11.4	14.4	12.9	8.5	5.5	2.0	.9	.6	2947	2951	2947	2947

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.	5755023	119153	40.4	17.838	2947							
Dry Bulb	17986990	229734	77.8	5.889	2951			87.0	73.1	37.9	.2	90
Wet Bulb	11092439	180129	61.1	5.290	2947			15.2	.4			90
Dew Point	7572973	146095	49.6	10.591	2947		6.2	2.2	.0			90

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

☆ U.S. GOVERNMENT PRINTING OFFICE -1374 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT 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
34/ 33														.0			.0	2	2		
32/ 31								.1										2	2		
30/ 29							.0	.1	.0	.0	.1	.2	.1	.1				19	19		
28/ 27							.1	.1	.1	.2	.4	.2	.2	.1	.1			41	41		
26/ 25					.1	.1	.3	.1	.5	.6	.5	.2	.3	.1				88	88		
24/ 23					.1	.3	.6	.5	.8	.8	.8	.6	.2	.0	.0			141	141		
22/ 21		.1	.0	.1	.3	.6	.8	.7	1.4	1.2	1.0	.7	.2					214	214		
20/ 19		.1	.1	.6	.5	.7	1.1	.9	1.4	1.3	1.2	.4	.2					262	262	2	1
18/ 17		.2	.5	.6	.5	.8	1.0	1.7	1.8	1.8	1.0	.4	.0					319	319	13	3
16/ 15		.3	.7	.5	.7	1.2	1.6	1.8	2.5	1.5	1.1	.1						361	361	31	11
14/ 13		.2	.4	.5	1.1	.8	1.6	2.2	2.0	1.4	.6	.1						334	334	89	18
12/ 11	.0	.2	.4	.5	1.0	1.4	1.8	1.5	1.5	.9	.3							288	288	98	48
10/ 09	.0	.5	.4	.7	1.2	1.0	1.5	1.3	1.8	.4	.2							276	276	168	56
08/ 07		.3	.3	.4	.7	.6	1.2	1.2	.8	.5	.1							187	187	198	68
06/ 05	.0	.5	.3	.3	.8	.8	1.1	1.0	.4	.1								158	158	280	91
04/ 03		.5	.2	.3	.4	.5	.9	.4	.2	.0								104	104	349	97
02/ 01		.5	.1	.2	.3	.5	.6	.4	.2									31	81	353	142
00/ -01		.2	.4	.2	.3	.3	.2	.7	.1									75	75	404	130
-02/ -03		.4	.1	.4	.1	.2	.2	.2										48	48	310	140
-04/ -05		.1	.1	.3	.1	.1	.1											25	25	276	187
-06/ -07		.2	.2				.1											15	15	181	208
-08/ -09		.0	.1	.1														8	8	141	197
-10/ -11				.0	.0													2	2	65	174
-12/ -13																				51	208
-14/ -15																				29	188
-16/ -17																				9	191
-18/ -19																				3	156
-20/ -21																					136
-22/ -23																					126
-24/ -25																					133
-26/ -27																					72
-28/ -29																					92
-30/ -31																					56
-32/ -33																					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) 7/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT 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
16/ 15																					35
14/ 13																					18
12/ 11																					8
10/ 9																					11
8/ 7																					5
6/ 5																					3
2/ 1																					2
0/ -1																					1
TOTAL	.1	4.3	4.3	5.7	8.1	9.9	14.6	14.9	15.4	10.8	7.4	2.9	1.2	.3	.1		.0	3050	3050	3050	3050

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.	7027274	134084	44.0	19.274	3050							
Dry Bulb	12439405	193519	63.4	7.263	3050			33.2	8.9	.3		93
Wet Bulb	8048631	155431	51.0	6.472	3050		.1	.5				93
Dew Point	5034003	118735	38.9	11.620	3050	.0	27.2	.1				93

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

☆ U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79								.0						.0				2	2		
78/ 77							.2	.1	.0		.1	.2						15	15		
76/ 75							.1	.1	.0	.4	.3	.1	.1	.0				32	32		
74/ 73					.1	.2	.3	.2	.4	.2	.3	.2	.1	.1				61	62		
72/ 71				.1	.2	.3	.5	.6	.8	.5	.5	.3	.1					117	117		
70/ 69		.0	.0	.1	.5	.9	.5	1.2	1.1	.7	.5	.2	.1					179	179		
68/ 67	.0	.3	.5	.5	.8	1.1	.9	1.3	1.2	1.1	.9	.2	.0					267	267	12	4
66/ 65		.3	.7	.6	.7	.7	1.8	2.0	1.7	1.5	.6	.2						331	331	30	9
64/ 63		.2	.7	.7	1.2	1.5	1.4	1.8	2.2	.9	.4	.1						335	335	51	19
62/ 61	.0	.4	.5	.7	1.2	1.5	2.3	2.2	1.8	.9	.4							360	360	85	31
60/ 59		.5	.3	1.0	1.4	1.7	2.0	2.2	1.7	.6								345	345	132	59
58/ 57		.6	.5	.8	.9	1.2	1.4	1.5	1.2	.1	.1							252	252	166	74
56/ 55	.0	.5	.5	.4	1.0	1.1	1.2	1.2	.3	.1								191	191	244	82
54/ 53	.0	.6	.5	.6	.8	1.0	.7	.6	.3	.1								155	155	298	95
52/ 51	.0	.5	.2	.5	.6	.8	1.0	.1	.3									123	123	358	125
50/ 49		.5	.2	.6	.5	.7	.5	.3	.1									102	102	360	134
48/ 47		.2	.3	.3	.3	.5	.6	.1										68	68	352	151
46/ 45		.2	.1	.3	.3	.1	.3	.1										41	42	313	199
44/ 43	.0	.2	.4	.2	.1	.1	.2											39	40	253	183
42/ 41		.2	.1	.1	.1	.1	.1											19	19	153	207
40/ 39			.0	.0		.0												3	3	99	200
38/ 37		.0	.1															3	3	59	187
36/ 35																				44	186
34/ 33																				21	182
32/ 31																				9	183
30/ 29																				1	133
28/ 27																					112
26/ 25																					131
24/ 23																					106
22/ 21																					75
20/ 19																					56
18/ 17																					30
16/ 15																					26
14/ 13																					32

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | OCT 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
12/ 11																					10
10/ 9																					9
8/ 7																					3
6/ 5																					5
2/ 1																					1
0/ -1																					1
TOTAL	.2	5.1	5.6	7.4	10.7	13.4	16.1	15.5	13.2	7.1	3.9	1.3	.4	.1				3043			3040
																	3040		3040		

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.	7937648	143644	47.3	19.455	3040							
Dry Bulb	11461245	185491	61.0	7.123	3043			20.6	3.4			93
Wet Bulb	7674684	151424	49.8	6.595	3040		.3	.4				93
Dew Point	4963765	117763	38.7	11.200	3040	.0	27.9	.1				93

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) JCT (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.0					1	1		
82/ 81							.0		.0		.1	.1	.0	.1				11	11		
80/ 79								.1		.1	.1		.1					12	12		
78/ 77						.1	.1	.1	.1	.1	.5	.1	.1	.0	.0			38	38		
76/ 75					.1	.2	.3	.2	.4	.6	.6	.2	.1	.1				79	79		
74/ 73				.0	.1	.4	.3	.6	.6	.8	.4	.2	.1	.1				114	114		
72/ 71			.1	.1	.4	.5	.8	.8	1.0	.8	.8	.4	.2					175	175		
70/ 69		.1	.1	.1	.6	.7	.9	1.1	1.5	1.5	.9	.4	.1					240	240	2	
68/ 67		.3	.5	.2	.9	1.0	1.2	1.4	1.3	1.3	.8	.2	.0					276	276	13	1
66/ 65	.0	.2	.3	.5	.7	1.5	1.5	1.7	1.6	1.2	.7	.1						309	309	40	11
64/ 63		.2	.4	.7	.8	1.3	1.3	1.7	1.8	1.1	.3							294	294	62	22
62/ 61		.2	.5	.7	.8	1.5	1.9	2.0	1.2	1.2	.4							321	321	90	31
60/ 59	.1	.3	.5	.8	.9	1.8	1.3	1.3	1.4	.4	.1							268	268	152	55
58/ 57		.3	.5	.8	.8	1.5	1.1	1.3	.8	.2								221	221	219	71
56/ 55		.5	.8	.5	.7	1.0	1.3	.9	.2	.1								183	183	288	75
54/ 53	.0	.6	.7	.3	.9	1.1	.8	.4	.3	.0								155	155	321	115
52/ 51		.4	.3	.4	.6	.8	1.0	.2	.2									117	118	359	125
50/ 49	.0	.3	.3	.6	.5	.6	.3	.1	.1									81	81	360	172
48/ 47		.4	.2	.3	.2	.2	.3	.1										52	53	323	179
46/ 45		.2	.1	.4	.3	.1	.3	.1										47	48	270	195
44/ 43	.0	.3	.1	.1	.2	.1	.1											26	26	221	184
42/ 41	.0	.1	.2	.0		.1	.1											14	14	140	226
40/ 39		.1	.1			.1												9	9	75	199
38/ 37		.0				.0												2	2	49	191
36/ 35																				34	184
34/ 33																				15	196
32/ 31				.1														2	2	9	154
30/ 29																				2	140
28/ 27																				1	104
26/ 25																				2	121
24/ 23																					81
22/ 21																					58
20/ 19																					51
18/ 17																					30

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 - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT 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
16/ 15																					31
14/ 13																					19
12/ 11																					11
10/ 9																					7
8/ 7																					5
6/ 5																					3
TOTAL	.3	4.7	5.4	6.5	9.1	14.5	14.9	14.1	12.6	9.3	5.5	1.8	.9	.3	.0		3047	3050	3047	3047	

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.	7672649	141402	46.4	19.095	3047							
Dry Bulb	11992973	189823	62.2	7.809	3050		.1	28.6	7.3	.5		93
Wet Bulb	7936393	154179	50.6	6.655	3047		.4	.5				93
Dew Point	5119[illegible]	120144	39.4	11.204	3047		24.9	.0				93

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

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 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
96/ 95														.0		.1	.1	6	6		
94/ 93														.0		.2	.2	12	12		
92/ 91										.0			.1	.1	.3	.2	.4	33	33		
90/ 89									.0			.1	.2	.4	.4	.7	.5	68	68		
88/ 87									.1	.1	.2	.2	.5	.8	.7	.7	.4	108	108		
86/ 85								.1	.1	.3	.4	.8	1.0	1.2	1.1	.6	.4	183	183		
84/ 83								.0	.2	.5	.9	1.1	1.3	1.3	1.2	.6	.1	220	220		
82/ 81							.0	.2	.5	.9	1.1	1.2	1.9	1.5	1.2	.3	.1	273	273		
80/ 79						.1	.2	.4	.8	1.0	1.7	2.0	1.9	1.4	.4	.1		302	302		
78/ 77					.0	.1	.2	.5	.9	1.3	1.7	1.6	1.4	1.1	.2	.0		279	279		
76/ 75				.1	.1	.2	.4	.8	1.0	1.3	1.4	1.7	1.4	.4	.2			276	276		
74/ 73				.2	.1	.3	.4	.9	1.2	1.6	1.3	.9	.7	.2	.1			235	235	3	
72/ 71	.0		.0	.1	.1	.4	.6	1.0	1.4	1.3	1.1	.7	.2	.1				217	217	5	1
70/ 69			.2	.1	.1	.5	.6	.9	1.0	1.3	.8	.5	.1	.0				190	190	21	
68/ 67		.1	.3	.3	.2	.4	.5	.7	.9	.6	.7	.2	.0					148	148	65	3
66/ 65		.1	.1	.2	.4	.5	.7	.8	.5	.5	.3	.3						135	135	110	14
64/ 63		.0	.0	.1	.4	.3	.5	.5	.4	.3	.1	.1	.0					86	86	206	27
62/ 61	.1		.0	.3	.5	.4	.5	.5	.3	.1	.3							88	88	296	33
60/ 59	.0	.2	.1	.2	.2	.2	.2	.3	.1	.2	.1	.0						54	54	392	54
58/ 57		.1	.1	.2	.2	.3	.4	.1	.1	.1	.0							49	49	457	75
56/ 55		.0	.2	.1	.2	.1	.2		.0	.0								29	29	446	95
54/ 53		.1	.1	.1	.1	.1	.1		.0	.0								17	17	351	121
52/ 51		.0	.1	.1	.1	.0												9	9	271	158
50/ 49		.1	.1	.0				.0										7	7	152	192
48/ 47		.1	.1			.0	.0											10	10	122	177
46/ 45	.0	.1		.0		.0	.1											7	7	71	237
44/ 43		.1																2	2	38	229
42/ 41		.0	.0															2	2	20	236
40/ 39		.0	.0															2	2	10	199
38/ 37																				7	215
36/ 35																				2	185
34/ 33																				2	155
32/ 31																					161
30/ 29																					111

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | OCT 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
28/ 27																					99
26/ 25																					79
24/ 23																					67
22/ 21																					40
20/ 19																					25
18/ 17																					14
16/ 15																					16
14/ 13																					12
12/ 11																					8
10/ 9																					8
4/ 3																					1
TOTAL	.2	1.1	1.5	2.0	2.7	3.9	5.6	7.5	9.6	11.4	12.2	11.6	10.8	8.5	5.8	3.5	2.1		3047		3047
																		3047		3047	

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.	4099717	99951	32.8	16.418	3047							
Dry Bulb	17459656	229094	75.2	8.780	3047			77.8	60.9	32.0	.5	93
Wet Bulb	9789519	171849	56.4	5.653	3047			2.9	.1			93
Dew Point	5490275	125309	41.1	10.517	3047		19.6	.1				93

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

U S GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101														.0				1	1		
100/ 99														.1		.0	.2	10	10		
98/ 97												.0			.0	.1	.5	22	22		
96/ 95											.1			.1	.1	.2	2.3	82	82		
94/ 93													.1	.1	.0	1.1	2.2	123	123		
92/ 91									.0	.0	.0	.3	.3	.4	1.0	1.5	3.3	209	209		
90/ 89										.0	.2	.5	.7	.9	1.7	2.3	2.6	271	271		
88/ 87										.0	.3	.7	1.6	1.6	2.1	1.8	1.9	306	306		
86/ 85									.1	.1	.6	.8	1.8	2.2	2.3	2.0	1.0	325	326		
84/ 83								.1	.1	.4	.8	1.2	2.1	2.3	1.9	1.0	.2	299	299		
82/ 81							.0	.1	.2	.5	.9	1.2	1.6	1.4	1.4	.3	.1	235	235		
80/ 79							.2	.2	.4	.8	1.0	1.7	1.6	1.1	.7	.2		237	237		
78/ 77				.1		.1	.2	.1	.4	.4	1.6	1.6	1.5	.4	.1	.1		197	197		
76/ 75				.0	.0	.1	.2	.4	.8	1.0	1.0	1.0	.6	.2	.1			160	160	5	
74/ 73				.1	.1	.0	.1	.3	1.1	.7	.6	.6	.2	.2				124	124	4	
72/ 71				.1	.0	.2	.2	.4	.2	.5	.6	.4	.3	.2				97	97	9	
70/ 69		.1	.1	.1	.1	.2	.2	.4	.3	.5	.2	.3	.3					86	86	33	4
68/ 67		.0	.1	.0	.1	.2	.3	.3	.4	.4	.1	.2	.1					68	68	83	3
66/ 65		.1		.0	.1	.0	.3	.3	.4	.3	.1	.1						52	52	162	14
64/ 63		.0	.1			.2	.1	.3	.3	.2	.0	.1						37	37	285	18
62/ 61	.0	.1	.1		.2	.1	.2	.1	.0		.0							27	27	429	25
60/ 59		.1	.1		.2	.1	.2	.1			.0							24	24	497	27
58/ 57		.0	.1		.1	.1	.0			.0								10	10	516	57
56/ 55				.1	.1		.2			.0								11	11	411	72
54/ 53				.1			.0	.0										4	4	266	97
52/ 51		.0	.1	.0	.0			.1										7	7	122	111
50/ 49		.0	.1	.0		.0	.0											8	8	90	160
48/ 47			.0															1	1	63	179
46/ 45			.1															3	3	36	204
44/ 43		.0																1	1	10	243
42/ 41		.1																2	2	10	235
40/ 39																				8	249
38/ 37																				1	228
36/ 35																					208

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 - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT 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
34/ 33																					172
32/ 31																					176
30/ 29																					150
28/ 27																					126
26/ 25																					94
24/ 23																					57
22/ 21																					43
20/ 19																					35
18/ 17																					23
16/ 15																					13
14/ 13																					5
12/ 11																					5
10/ 9																					7
TOTAL	.0	.6	.9	.6	1.1	1.3	2.5	3.1	4.6	5.8	8.1	10.6	13.0	11.7	11.9	10.5	14.4		3040		3040
																		3040		3040	

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.	2516389	76659	25.2	13.854	3040							
Dry Bulb	20611330	248856	81.9	8.884	3040			87.3	79.6	61.5	7.3	93
Wet Bulb	10408794	177208	58.3	5.097	3040			4.1	.3			93
Dew Point	5125599	121033	39.8	10.048	3040		22.5	.2				93

USAFETAC FORM 0-26-5-10-(A) - REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — OCT MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.1		3	3		
98/ 97														.0		.1	.0		21	21		
96/ 95											.0			.1	.1	.1	1.9		70	70		
94/ 93											.1		.0	.1	.3	.5	2.6		108	108		
92/ 91											.0	.0	.2	.4	.8	1.9	3.6		214	214		
90/ 89								.0			.0	.2	.8	1.1	2.2	2.4	3.9		325	325		
88/ 87										.1	.1	.6	.7	1.5	2.5	2.0	2.3		299	299		
86/ 85							.0		.1	.1	.4	.6	1.1	2.5	2.5	2.6	.7		322	322		
84/ 83							.0		.1	.2	.6	.9	1.7	2.3	1.8	1.6	.2		288	288		
82/ 81							.1	.1	.1	.3	.8	1.3	1.9	1.9	1.2	.5	.1		250	250		
80/ 79						.0	.2	.0	.3	.5	.8	1.3	1.9	1.1	.4	.3	.0		211	211		
78/ 77				.0	.1	.1	.3	.1	.5	.5	.9	1.6	1.4	.6	.2	.2			200	200		
76/ 75					.1	.1	.2	.3	.5	.9	1.1	1.0	.7	.4	.2				158	158	2	
74/ 73			.0	.0	.1	.1	.3	.4	.4	.6	.9	.6	.3	.4	.1				127	127	4	
72/ 71			.1	.1	.1	.2	.1	.5	.5	.5	.6	.4	.5	.2					110	110	5	
70/ 69		.1	.2	.1	.2	.1	.3	.3	.5	.4	.3	.1	.3	.1					88	88	22	4
68/ 67			.2	.1	.3	.1	.3	.2	.3	.5	.2	.0	.1	.0					65	65	60	4
66/ 65		.1	.1	.1	.1	.0	.0	.2	.6	.3	.1	.1							48	48	134	16
64/ 63		.0	.1	.1		.2	.1	.2	.1	.1	.1	.1							31	31	240	20
62/ 61		.1	.1	.2	.0	.1	.1	.2	.1	.0	.0								30	30	395	22
60/ 59		.0	.1	.1	.1	.2	.0	.1		.0	.0								22	22	547	34
58/ 57		.0	.1	.1	.1	.0	.1												17	17	533	36
56/ 55				.1			.1	.0	.0										6	6	467	69
54/ 53			.1	.0	.0			.1											7	7	274	86
52/ 51			.1	.0			.1	.1											7	7	133	94
50/ 49		.1	.1																5	5	104	112
48/ 47			.0																1	1	71	141
46/ 45		.1	.1	.0															5	5	19	152
44/ 43			.1																2	2	15	226
42/ 41		.1																	4	4	6	239
40/ 39																					11	267
38/ 37																					2	248
36/ 35																						223
34/ 33																				1		202

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) 34 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23239 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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
32/ 31																					184
30/ 29																					199
28/ 27																					136
26/ 25																					95
24/ 23																					68
22/ 21																					58
20/ 19																					35
18/ 17																					37
16/ 15																					12
14/ 13																					13
12/ 11																					8
10/ 9																					4
TOTAL		.6	1.5	1.0	1.1	1.3	2.2	2.7	3.9	4.8	6.9	8.7	11.7	12.7	12.3	12.3	16.2	3045	3045	3044	3044

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.	2525973	74729	24.5	15.074	3044							
Dry Bulb	7750624 2	249006	81.8	8.947	3045			87.3	79.3	61.7	6.2	93
Wet Bulb	10264049	176129	57.9	4.899	3044			2.8	.2			93
Dew Point	4852009	117501	38.6	10.196	3044		25.9	.2				93

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

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 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
98/ 97																	.0	1	1		
94/ 93																	.1	3	3		
92/ 91													.0		.0	.0	.1	7	7		
90/ 89														.1	.2	.1	.4	24	24		
88/ 87											.0	.1	.1	.4	.4	.4	.4	56	56		
86/ 85									.0		.2	.3	.9	.9	.9	.6	.2	122	122		
84/ 83							.0		.1	.3	.4	.4	1.3	1.5	.8	.7	.2	172	172		
82/ 81									.3	.7	.8	1.4	1.8	1.2	1.2	.3	.1	240	240		
80/ 79						.0	.1	.2	.3	.9	1.4	2.0	2.4	1.4	1.0	.1		304	304		
78/ 77				.0	.1	.2	.1	.3	.6	1.3	2.0	1.9	2.1	1.1	.3	.2		313	313		
76/ 75				.0	.2	.2	.4	.7	1.0	1.3	2.1	2.4	1.6	.8	.2			330	330		
74/ 73				.1	.1	.2	.4	.5	.9	1.8	2.4	1.8	1.1	.2	.1			294	294		
72/ 71			.3	.1	.2	.2	.6	.5	1.0	1.6	1.5	1.1	.5	.1				235	235	2	
70/ 69		.2	.2	.4	.2	.3	.5	.8	1.4	1.2	1.3	.8	.2	.1				236	236	9	1
68/ 67			.3	.2	.3	.2	.6	1.0	1.2	1.0	.9	.5	.2					197	197	40	6
66/ 65		.1	.4	.2	.5	.4	.4	.6	.7	.5	.6	.2						138	138	69	19
64/ 63		.1	.2	.3	.3	.5	.3	.6	.5	.4	.3	.1	.0					113	113	126	26
62/ 61		.0	.1	.2	.1	.3	.3	.4	.5	.3	.2	.1						70	70	217	33
60/ 59	.0	.1	.2	.1	.1	.2	.4	.1	.3	.2	.1							55	55	355	39
58/ 57		.1	.4	.2	.1	.1	.3	.2	.1	.1	.0							48	48	411	44
56/ 55		.2	.2	.1	.1	.2	.1	.1	.0	.0								31	31	500	82
54/ 53		.1	.3	.1	.2		.0	.0										23	23	440	103
52/ 51		.1	.1	.1	.1	.0	.1	.1										14	14	334	122
50/ 49		.1	.1			.0	.0	.0										10	10	225	114
48/ 47			.1				.0	.0										4	4	132	168
46/ 45		.1																2	2	101	171
44/ 43		.0	.0		.0													3	3	45	205
42/ 41		.1	.0															5	5	21	212
40/ 39	.0																	1	1	18	253
38/ 37																				2	201
36/ 35																				3	211
34/ 33																				1	176
32/ 31																					157
30/ 29																					155

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (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
28/ 27																					109
26/ 25																					118
24/ 23																					86
22/ 21																					63
20/ 19																					43
18/ 17																					43
16/ 15																					15
14/ 13																					7
12/ 11																					5
10/ 9																					8
8/ 7																					1
6/ 5																					3
4/ 3																					2
TOTAL	.1	1.3	2.9	2.2	2.5	3.0	4.6	6.1	8.9	11.6	14.2	14.3	12.3	8.0	5.1	2.4	1.6	3051	3051	3051	3051

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
Ref. Hum.	4075090	97460	32.1	17.460	3051							
Dry Bulb	1683 +05	225281	73.8	8.037	3051			77.2	50.9	23.5	.1	93
Wet Bulb	9377657	168351	55.2	5.378	3051			1.6				93
Dew Point	5041355	119535	39.2	10.836	3051		24.8	.2				93

USAFETAC FORM 0-26-5 (OL A) 2SL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) OCT (MONTH)

PAGE 1 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					
86/ 85																	.0		1	1		
84/ 83											.0	.0	.1		.0	.0			6	6		
82/ 81									.0	.0	.2	.2	.1	.1	.1	.0			23	23		
80/ 79						.0	.1	.2	.4	.1	.3	.8	.4	.4	.1	.0			84	84		
78/ 77							.1	.2	.4	.0	1.1	.9	.7	.3	.0				131	131		
76/ 75					.1	.1	.4	.7	.9	1.2	1.7	.9	.7	.3	.1				211	211		
74/ 73				.1	.2	.3	.5	1.1	1.2	1.5	1.4	1.0	.8	.2					254	254		
72/ 71		.0	.1	.3	.2	.6	.5	.8	1.6	1.8	1.9	1.6	.5	.0					303	303		
70/ 69		.1	.3	.6	.2	.6	1.0	1.2	1.9	2.2	1.3	.9	.1						327	322	2	
68/ 67		.4	.4	.3	.4	1.0	.7	1.5	1.9	2.0	2.0	.8	.1						347	347	19	7
66/ 65		.2	.2	.3	.5	.8	1.0	1.7	1.8	2.0	.9	.3	.0						300	300	69	16
64/ 63		.1	.3	.5	.4	1.2	1.4	1.7	1.8	1.2	.5	.2							278	278	75	29
62/ 61		.2	.5	.4	.6	.9	.9	1.0	1.3	1.0	.4	.1							216	216	106	41
60/ 59		.2	.6	.3	.5	.7	.8	1.1	1.0	.5	.2								173	173	201	31
58/ 57		.2	.4	.2	.2	.4	.6	.8	.5	.2	.0								104	104	281	70
56/ 55		.6	.2	.2	.3	.3	.3	.0	.4	.3									90	90	335	86
54/ 53		.2	.1	.1	.3	.4	.3	.4	.3	.1									69	69	400	101
52/ 51		.2	.1	.2	.2	.2	.2	.3	.0										47	47	404	133
50/ 49	.0	.2	.3	.3	.2	.2	.2	.1	.1										48	48	369	136
48/ 47		.1	.3	.2	.0		.1	.0	.0										22	22	265	132
46/ 45	.0	.1		.0	.0	.0													6	6	213	167
44/ 43		.1			.0														4	4	139	218
42/ 41		.1	.1	.0	.1														10	10	72	188
40/ 39				.0	.0														2	2	58	228
38/ 37						.0													1	1	22	196
36/ 35																					16	195
34/ 33																					4	186
32/ 31																					1	158
30/ 29																						147
28/ 27																					1	137
26/ 25																						111
24/ 23																						82
22/ 21																						80
20/ 19																						65

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 767-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 1-45,48-75 YEARS | OCT 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
18/ 17																					42
16/ 15																					28
14/ 13																					15
12/ 11																					8
10/ 9																					8
8/ 7																					3
6/ 5																					5
2/ 1																					3
TOTAL	.1	2.9	3.8	4.0	4.3	7.7	9.1	13.3	15.5	14.6	12.0	7.6	3.4	.2	.4	.1	.0	3052	3052	3052	3052

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.	5813705	120337	39.4	18.718	3052							
Dry Bulb	13774934	203776	66.8	7.447	3052			51.3	21.6	2.1		93
Wet Bulb	8465851	159633	52.3	6.175	3052		.1	.6				93
Dew Point	5009108	118576	38.9	11.482	3052		27.2	.2				93

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

U.S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV 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
72/ 71											.1	.1						5	5		
70/ 69									.1	.1		.1	.0					10	10		
68/ 67								.1	.1	.2	.2	.1						22	22		
66/ 65					.1		.0	.0	.2	.5	.2	.1						36	36		
64/ 63				.1	.1	.2	.2	.3	.9	.9	.3	.0						91	91		
62/ 61			.1	.1	.2	.2	.5	.8	1.1	.7	.1							116	116		
60/ 59		.0	.2	.4	.4	.7	1.5	1.2	1.5	.9	.3	.1						213	213		
58/ 57		.2	.3	.6	.8	1.5	2.2	1.8	.8	.9	.1							281	281	15	
56/ 55		.4	.5	.5	1.4	1.8	2.6	2.5	1.2	.5	.1							340	341	19	18
54/ 53	.0	.4	.6	.8	1.8	2.2	3.0	2.0	.9	.0								349	349	59	15
52/ 51		.5	1.1	1.1	1.6	2.0	2.3	1.8	.5	.1								323	323	99	21
50/ 49		.4	1.2	1.6	1.3	1.5	1.5	1.0	.2	.0								258	258	152	46
48/ 47		.8	.8	1.0	2.0	1.1	1.2	.8	.2									238	238	309	63
46/ 45	.0	.7	1.1	.8	1.1	1.7	1.0	.5										207	207	409	78
44/ 43		.6	.9	.9	.7	.4	.6	.1										131	131	392	99
42/ 41	.1	1.1	.8	.6	.7	.3	.2											114	114	404	142
40/ 39	.0	.8	.6	.6	.8	.2												96	96	356	174
38/ 37		.6	.7	.3	.2	.1												60	60	270	202
36/ 35	.0	.7	.4	.3	.0	.1												48	48	204	202
34/ 33	.1	.3	.0	.1	.1													19	19	152	214
32/ 31		.1		.0	.0													4	4	91	218
30/ 29					.0													1	1	21	246
28/ 27																				5	191
26/ 25																				3	185
24/ 23																				2	175
22/ 21																					128
20/ 19																					130
18/ 17																					100
16/ 15																					103
14/ 13																					66
12/ 11																					58
10/ 9																					26
8/ 7																					26
6/ 5																					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												

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

U S GOVERNMENT PRINTING OFFICE—1974 762-6'6

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

PAGE 2 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
4/ 3																					7
2/ 1																					5
0/ -1																					1
-2/ -3																					2
-4/ -5																					3
-6/ -7																					2
-8/ -9																					1
TOTAL	.4	7.8	9.6	10.2	13.4	14.0	16.9	13.0	7.8	4.9	1.6	.5	.0						2963		2962
																		2962		2962	

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	8065622	141522	47.8	20.984	2962							
Dry Bulb	8089209	153373	51.6	7.171	2963		.2	1.1				90
Wet Bulb	5374406	125108	42.2	5.517	2962		3.7					90
Dew Point	3030853	89571	30.2	10.432	2962	.3	51.3					90

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

U S GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV 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
72/ 71												.0						1	1		
70/ 69								.0	.0	.1	.1	.1	.0					10	10		
68/ 67								.2		.0	.0		.0					8	8		
66/ 65					.1		.1	.0	.1	.2	.2							22	22		
64/ 63				.0	.0		.1	.2	.2	.5	.2							39	39		
62/ 61			.2	.0	.1	.1	.2	.7	.9	.5	.1							86	86		
60/ 59		.1	.1	.3	.2	.6	1.0	1.1	1.4	.4	.1							154	154		
58/ 57		.2	.4	.4	.8	.7	1.1	1.4	1.5	.6	.1							213	213	12	
56/ 55		.3	.3	.9	1.2	1.8	1.8	2.1	1.0	.5								293	293	15	11
54/ 53	.0	.4	.5	1.0	1.4	2.1	2.8	2.0	.9	.1								331	331	46	19
52/ 51		.6	.7	1.2	1.5	2.4	2.9	1.7	.3	.0								333	333	65	16
50/ 49	.0	.7	1.0	2.0	2.0	2.3	1.6	1.3	.2	.0								326	326	133	33
48/ 47	.1	.4	1.1	1.7	2.4	1.4	1.3	.7	.1									268	268	238	51
46/ 45	.0	1.0	1.4	1.4	1.1	1.5	1.4	.3										241	241	311	72
44/ 43	.1	.9	.7	1.1	1.1	1.0	1.0	.1										177	177	397	85
42/ 41		1.1	.7	.9	.8	.5	.2	.0										126	127	428	142
40/ 39	.2	1.0	.7	.5	.6	.4	.1											106	106	426	161
38/ 37	.1	.7	1.0	.8	.5	.2												99	99	280	197
36/ 35	.1	.9	.7	.4	.2													68	68	230	218
34/ 33	.1	.4	.3	.2	.1	.1												36	36	186	213
32/ 31		.2	.1	.0	.0													11	11	108	204
30/ 29		.2			.1													8	8	56	257
28/ 27		.0																1	1	16	205
26/ 25																				5	184
24/ 23																				3	194
22/ 21																				2	165
20/ 19																					105
18/ 17																					101
16/ 15																					105
14/ 13																					75
12/ 11																					48
10/ 9																					40
8/ 7																					18
6/ 5																					18

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV 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
4/ 3																					7
2/ 1																					5
-2/ -3																					1
-4/ -5																					4
-6/ -7																					3
TOTAL	.7	9.2	9.8	12.9	14.4	14.9	15.5	11.2	6.7	3.0	.8	.1	.1					2957	2958	2957	
																		2957		2957	

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.	8603711	146921	49.72	21.002	2957							
Dry Bulb	7555601	147989	50.0	7.163	2958		.6	.6				90
Wet Bulb	5111707	121823	41.2	5.604	2957		5.8					90
Dew Point	2927830	88044	29.8	10.190	2957	.2	52.9					90

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

U S GOVERNMENT PRINTING OFFICE - 1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (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
72/ 71											.0	.0						2	2		
70/ 69									.1	.1	.0	.1						11	11		
68/ 67								.1	.1	.2	.1	.1						15	15		
66/ 65					.1	.1		.1	.4	.5	.0	.0						34	34		
64/ 63					.1	.1	.2	.4	.7	.5	.3	.0						72	72		
62/ 61			.1	.2	.1	.3	.3	.8	.9	1.0	.1							110	110		
60/ 59		.1	.1	.3	.4	.7	1.0	1.4	1.7	.3	.3	.0						190	190		
58/ 57		.3	.4	.4	.7	1.1	1.6	1.4	1.5	.5	.0	.0						234	234	12	
56/ 55		.3	.3	.6	1.1	1.9	2.0	2.3	1.1	.2	.1							291	291	24	9
54/ 53	.0	.3	.3	.8	1.2	1.8	2.0	1.7	.9	.2								275	276	49	23
52/ 51	.0	.5	.6	1.2	1.3	2.0	2.9	1.3	.3	.1								308	308	82	19
50/ 49	.0	.8	1.2	1.8	1.8	2.6	1.6	.9	.2									321	321	148	35
48/ 47	.0	.6	1.2	1.6	1.9	1.6	1.5	.8	.1									271	271	271	58
46/ 45	.1	.8	1.5	.9	1.6	1.1	1.0	.2										215	215	325	69
44/ 43	.1	.6	1.0	.9	1.0	1.2	.6	.2										165	165	382	93
42/ 41	.1	.7	.9	.9	.6	.8	.4											131	131	415	134
40/ 39		1.1	.7	.7	.7	.2	.1											105	105	395	162
38/ 37	.2	.6	.9	.5	.5	.1												83	83	280	174
36/ 35	.0	.5	.7	.5	.3	.0												62	62	220	220
34/ 33		.5	.4	.2	.0													33	33	150	216
32/ 31		.3	.1	.0	.1													15	15	120	234
30/ 29	.1	.1	.0		.0													8	8	55	232
28/ 27					.0													1	1	17	205
26/ 25		.1																2	2	5	193
24/ 23																				2	217
22/ 21																				1	152
20/ 19																				1	114
18/ 17																					91
16/ 15																					105
14/ 13																					60
12/ 11																					49
10/ 9																					28
8/ 7																					27
6/ 5																					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 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

PAGE 2 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
4/ 3																						6
2/ 1																						3
0/ -1																						5
-2/ -3																						2
-4/ -5																						1
-6/ -7																						1
-8/ -9																						1
-10/-11																						1
TOTAL	.7	8.2	10.6	11.7	13.5	15.5	15.3	11.6	7.9	3.6	1.0	.3							2954	2955	2954	
																			2954		2954	

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.	8335624	144538	48.9	20.685	2954							
Dry Bulb	7739630	149594	50.6	7.509	2955		.8	.9				90
Wet Bulb	5194551	122701	41.5	5.758	2954		6.1					90
Dew Point	2950325	88413	29.9	10.148	2954	.3	53.1					90

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

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV 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
86/ 85																.0		1	1		
84/ 83														.1	.2	.0		9	9		
82/ 81												.0	.2	.1	.1	.2	.0	19	19		
80/ 79									.0	.1	.2	.3	.4	.6	.2			52	52		
78/ 77									.0	.1	.3	.5	.7	.5	.4	.1		78	78		
76/ 75									.3	.2	.5	1.2	1.4	.6	.1	.0		126	126		
74/ 73								.2	.4	.5	1.3	1.3	.9	.5	.1			153	153		
72/ 71								.3	.4	1.0	1.8	1.5	1.2	.2	.1			189	189		
70/ 69					.0	.0	.1	.7	.8	1.4	2.1	1.5	.6	.1				220	220		
68/ 67					.1	.5	.6	.8	1.2	2.1	1.7	.8	.3	.1				244	244		
66/ 65				.0	.4	.3	.6	.8	1.5	2.2	1.2	.7	.2					234	234		
64/ 63			.1	.1	.2	.8	1.1	1.4	2.0	1.9	1.0	.2	.1					262	262	3	
62/ 61			.1	.3	.3	.8	1.0	1.8	1.8	1.4	.8	.1						247	247	5	
60/ 59		.1	.1	.5	.3	1.3	1.5	1.5	1.5	.7	.3	.1						230	230	40	1
58/ 57		.1	.2	.4	.6	1.3	1.4	1.4	.8	.6	.1							200	200	109	1
56/ 55		.0	.3	.5	.9	1.0	.9	1.0	.6	.4	.0							169	169	161	17
54/ 53		.1	.1	.7	.9	.9	.9	.7	.4	.1								146	146	286	20
52/ 51		.2	.2	.5	.7	1.0	.7	.4	.3									119	119	369	37
50/ 49	.0	.1	.3	.4	.4	.6	.6	.2	.1									78	78	449	70
48/ 47		.2	.2	.4	.6	.2	.2	.0										54	54	445	72
46/ 45	.0	.1	.4	.4	.3	.2	.2	.0										50	50	339	94
44/ 43	.0	.1	.2	.3	.2	.0	.0											27	27	277	118
42/ 41	.1		.2	.2	.1	.1	.0											18	18	192	156
40/ 39		.1	.1		.0			.0										7	7	134	172
38/ 37	.0	.1	.1		.0	.0												11	11	80	210
36/ 35		.0	.0															2	2	35	240
34/ 33	.1	.0																4	4	17	246
32/ 31																				5	228
30/ 29																				1	235
28/ 27																				1	163
26/ 25																				1	204
24/ 23																					146
22/ 21																					122
20/ 19																					91

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 3 FORM ARE OBSOLETE

U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23105 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					105
16/ 15																					62
14/ 13																					42
12/ 11																					35
10/ 9																					27
8/ 7																					14
6/ 5																					7
4/ 3																					1
2/ 1																					5
0/ -1																					1
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
-8/ -9																					1
-14/-15																					1
-16/-17																					1
TOTAL	.3	1.3	2.5	4.7	6.0	9.3	10.0	11.2	12.1	12.8	11.2	8.4	5.8	2.9	1.2	.4	.0	2949	2949	2949	2949

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.	4505006	102848	34.9	17.648	2949							
Dry Bulb	11941111	185827	63.0	8.861	2949			33.3	13.4	1.6		90
Wet Bulb	6881559	141567	48.0	5.389	2949		.2					90
Dew Point	3299340	94002	31.9	10.137	2949	.2	45.6					90

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

☆ U S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.0	1	1		
90/ 89																	.0	1	1		
88/ 87														.0	.1	.1	.1	13	13		
86/ 85													.1	.5	.3	.6	.6	61	61		
84/ 83										.0	.3	.2	.2	.8	.9	.5	.6	106	107		
82/ 81									.1	.2	.2	.3	1.0	2.1	1.2	.7	.3	176	176		
80/ 79									.1	.2	.4	.4	2.2	2.6	1.6	.4	.1	237	237		
78/ 77									.0	.4	.6	1.4	2.5	2.0	1.0	.4		251	251		
76/ 75								.1	.2	.4	1.2	1.9	2.5	2.1	.7	.1		273	273		
74/ 73								.2	.5	.6	1.3	1.8	1.9	.8	.4			221	221		
72/ 71						.0	.1	.2	1.1	1.3	1.7	2.0	1.4	.5	.1			250	250		
70/ 69						.2	.4	.4	1.4	.9	2.1	1.6	1.0	.1				242	242		
68/ 67					.1	.5	.5	.6	1.2	1.2	1.3	.8	.4	.2				198	198		
66/ 65					.1	.1	.4	1.2	1.3	1.4	1.1	.5	.1					181	181	6	
64/ 63				.1	.1	.3	.7	1.3	1.2	.9	.7	.4						171	171	15	
62/ 61			.1	.2	.3	.5	.7	1.2	.7	.4	.3	.1						134	134	29	
60/ 59		.1	.0	.2	.2	.5	.7	.8	.7	.3	.3	.1						116	116	99	
58/ 57		.1			.1	.6	.3	.6	.4	.1	.1							68	68	211	5
56/ 55			.0	.1	.3	.4	.5	.6	.3	.0								71	71	395	22
54/ 53		.1	.1	.2	.2	.3	.3	.5	.1	.0								54	54	452	19
52/ 51		.1	.1	.1	.2	.5	.2	.3	.1									45	45	484	41
50/ 49	.0	.3	.1	.1	.1	.2	.2	.1										31	31	428	63
48/ 47		.1	.1	.1	.2	.1	.1											19	19	325	47
46/ 45		.1			.1		.0	.0										9	9	202	98
44/ 43	.0	.2	.1	.0	.0													11	11	121	120
42/ 41		.1			.0													5	5	100	137
40/ 39		.0	.0															2	2	43	186
38/ 37																				27	209
36/ 35																				9	225
34/ 33	.1																	3	3	4	221
32/ 31																					247
30/ 29																					223
28/ 27																					186
26/ 25																					159

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV 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
24/ 23																					164
22/ 21																					141
20/ 19																					120
18/ 17																					119
16/ 15																					76
14/ 13																					42
12/ 11																					35
10/ 9																					16
8/ 7																					8
6/ 5																					6
4/ 3																					3
2/ 1																					3
0/ -1																					1
-2/ -3																					1
-4/ -5																					3
-6/ -7																					1
-8/ -9																					1
-12/-13																					2
TOTAL	.2	1.2	.7	1.2	2.0	4.4	5.3	8.2	9.3	8.4	11.6	11.4	13.4	11.7	6.4	2.8	1.9	2950	2951	2950	2950

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.	2871338	79972	27.1	15.444	2950							
Dry Bulb	14863682	207708	70.4	9.095	2951			61.9	40.9	14.9		90
Wet Bulb	7759916	150574	51.0	5.020	2950							90
Dew Point	3243969	93137	31.6	10.144	2950	.3	47.5					90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89																.1		2	2		
88/ 87															.1	.1	.3	15	15		
86/ 85											.1	.0		.0	.3	.3	.8	45	45		
84/ 83									.1			.1	.2	.6	.8	.7	.4	86	87		
82/ 81										.1	.2	.2	.5	1.6	1.4	.7	.5	156	156		
80/ 79									.0	.1	.3	.6	1.8	2.0	1.9	.8	.0	222	222		
78/ 77									.0	.3	.5	1.3	2.3	2.6	.9	.4		250	250		
76/ 75							.0	.0	.3	.6	1.1	1.9	3.1	1.9	.9	.1		292	292		
74/ 73								.1	.2	.9	1.8	2.1	2.3	.7	.3			252	252		
72/ 71						.1	.1	.1	.6	1.3	2.1	2.3	1.0	.4	.1			237	237		
70/ 69						.2	.4	.6	1.4	1.4	2.1	1.5	.6	.2				250	250		
68/ 67						.2	.3	.7	1.7	1.5	1.7	.9	.6	.1				224	224	2	
66/ 65				.0	.1	.1	.4	.8	1.2	1.3	1.0	.6	.1					165	165	2	
64/ 63			.1	.1	.1	.4	.8	1.1	1.0	.8	.6	.3	.0					158	158	9	
62/ 61		.0	.3	.1		.5	.7	.9	.8	.7	.2	.2						134	134	22	
60/ 59	.1	.2	.1	.1	.2	.5	.6	.7	.5	.5	.3	.0						110	110	87	2
58/ 57			.1	.1	.2	.7	.5	.7	.5	.2	.0							89	89	150	14
56/ 55		.1	.1	.2	.2	.4	.6	.5	.3	.2								75	75	362	15
54/ 53		.2	.1	.3	.2	.5	.2	.6	.1									69	69	461	13
52/ 51			.2	.1	.1	.4	.2	.2	.1									38	38	563	32
50/ 49	.0	.2	.1	.2	.1	.2	.2	.1										32	32	452	35
48/ 47		.1	.1	.2	.1	.1	.1	.0										23	23	320	56
46/ 45		.0	.1															3	3	179	86
44/ 43	.0	.2	.0		.1													9	9	149	106
42/ 41		.1																3	3	105	152
40/ 39		.2																6	6	54	182
38/ 37		.0																1	1	20	199
36/ 35		.1																3	3	9	217
34/ 33																				3	219
32/ 31																					246
30/ 29																					209
28/ 27																					177
26/ 25																			1		214
24/ 23																					172

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | NOV 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
22/ 21																					161
20/ 19																					114
18/ 17																					112
16/ 15																					71
14/ 13																					43
12/ 11																					45
10/ 9																					21
8/ 7																					12
6/ 5																					11
4/ 3																					2
2/ 1																					5
-2/ -3																					3
-4/ -5																					3
TOTAL	.1	1.4	1.2	1.4	1.4	4.3	5.3	7.3	8.9	9.9	12.0	12.1	12.5	10.1	6.8	3.3	2.1	2949	2951	2949	2949

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.	2909292	79688	27.0	16.013	2949							
Dry Bulb	14714882	206666	70.0	9.049	2951		.0	62.0	40.3	12.7		90
Wet Bulb	7660690	149626	50.7	4.837	2949			.1				90
Dew Point	3139125	91537	31.0	10.051	2949	.2	49.5					90

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV 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
82/ 81																	.0	1	1		
80/ 79													.1	.0	.1	.1		8	8		
78/ 77											.1	.1	.1	.2	.2			19	19		
76/ 75										.1	.1	.5	.3	.1	.2			38	38		
74/ 73								.0	.1	.2	.5	1.0	.6	.5	.2			93	93		
72/ 71							.0	.2	.3	.6	1.0	.9	.8	.2	.1			143	143		
70/ 69							.1	.4	.7	1.7	2.0	1.4	.5	.1				202	202		
68/ 67				.1	.0	.1	.4	.9	1.7	3.1	1.8	1.4	.4	.0				292	292		
66/ 65				.1	.0	.4	1.0	1.7	2.3	2.3	1.7	.5	.1					303	303		
64/ 63			.1	.1	.2	.6	1.0	1.9	2.5	2.0	.9	.6	.0					297	297		
62/ 61			.2	.2	.5	.8	1.5	2.4	1.4	1.6	.6	.1						279	280	6	
60/ 59		.2	.3	.3	.5	1.5	1.6	1.9	1.7	1.2	.5	.0						291	291	12	2
58/ 57		.2	.1	.3	.8	1.0	1.5	1.4	1.0	.8	.2							219	219	47	11
56/ 55		.1	.2	.2	1.1	1.5	1.2	.8	.8	.3	.1							186	186	103	15
54/ 53		.2	.2	.5	.9	.6	1.0	1.0	.4	.1								146	146	219	18
52/ 51		.2	.3	.8	1.1	1.0	.5	.5	.2									139	139	356	22
50/ 49		.4	.2	.6	.6	.8	.5	.3	.1									105	105	496	41
48/ 47	.0	.2	.3	.4	.6	.3	.2	.1										64	64	483	61
46/ 45	.0	.2	.4	.5	.6	.2	.0	.1										61	61	422	95
44/ 43		.2	.3	.3	.1	.1	.0											30	30	283	136
42/ 41		.3	.1	.2	.2													24	24	234	157
40/ 39		.1	.0	.0		.0												6	6	155	194
38/ 37		.1		.0														4	4	78	228
36/ 35		.0																1	1	40	251
34/ 33		.1																2	2	15	244
32/ 31	.0																	1	1	5	236
30/ 29																					218
28/ 27																					160
26/ 25																					159
24/ 23																					145
22/ 21																					124
20/ 19																					116
18/ 17																					106
16/ 15																					70

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV 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
14/ 13																					50
12/ 11																					40
10/ 9																					17
8/ 7																					8
6/ 5																					11
4/ 3																					4
2/ 1																					6
0/ -1																					2
-2/ -3																					1
-4/ -5																					1
-6/ -7																					2
-8/ -9																					1
TOTAL	.1	2.6	2.7	4.7	7.3	9.0	10.7	13.8	13.3	14.1	10.1	6.5	3.0	1.3	.7	.1	.0	2954	2955	2954	2953

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.	4976889	108593	36.8	18.262	2954							
Dry Bulb	11248778	180870	61.2	7.748	2955		.0	24.2	4.8	.1		90
Wet Bulb	6650269	139405	47.2	4.920	2954		.2					90
Dew Point	3272962	93696	31.7	10.082	2953	.2	45.0					90

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

* U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73									.0		.0	.0	.0					4	4		
72/ 71										.0	.1	.2	.0					9	9		
70/ 69							.0		.1	.3	.2	.2	.1					28	28		
68/ 67						.0	.1	.1	.3	.6	.4	.3	.0					53	53		
66/ 65				.1	.1	.1	.1	.3	.6	.9	.6	.3						91	91		
64/ 63			.0	.2	.2	.3	.3	1.5	1.6	1.1	.5	.1						175	175		
62/ 61			.2	.1	.4	.5	1.1	2.2	1.9	1.4	.4	.2						253	253		
60/ 59		.1	.2	.5	1.0	1.4	2.2	2.2	2.6	1.1	.3							347	347	8	
58/ 57	.1	.1	.3	.4	.9	1.8	1.8	2.5	1.4	1.0	.3							310	310	27	8
56/ 55	.0	.3	.5	.4	1.4	2.0	2.5	2.6	1.5	.4	.1							348	348	30	18
54/ 53	.1	.2	.8	1.6	1.4	2.1	1.8	1.4	1.0	.0	.0							309	309	93	23
52/ 51	.0	.2	.6	1.0	1.2	1.3	1.0	1.5	.4	.2								222	222	109	23
50/ 49		.5	.5	1.1	1.0	1.2	1.3	1.1	.3									208	208	298	45
48/ 47		.5	.8	.9	1.0	1.2	1.2	.7										187	187	407	57
46/ 45		.8	1.0	1.0	.8	.6	.5	.2										146	146	449	98
44/ 43	.0	.4	.9	.8	.3	.5	.2											92	92	407	108
42/ 41	.1	.7	.6	.4	.6	.2	.0	.0										80	80	355	140
40/ 39	.0	.5	.7	.4	.2	.0												53	53	297	207
38/ 37		.2	.3	.1	.1	.0												22	22	208	219
36/ 35	.0	.2	.0	.0	.1	.0												13	13	153	197
34/ 33		.2	.0															8	8	81	229
32/ 31	.0																	1	1	30	261
30/ 29																				3	194
28/ 27																				3	184
26/ 25																				1	182
24/ 23																					133
22/ 21																					130
20/ 19																					118
18/ 17																					110
16/ 15																					88
14/ 13																					62
12/ 11																					46
10/ 9																					31
8/ 7																					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

* U S GOVERNMENT PRINTING OFFICE : 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — NOV MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					4
4/ 3																					5
2/ 1																					8
0/ -1																					1
-2/ -3																					4
-4/ -5																					2
-8/ -9																					1
-10/-11																					2
TOTAL	.5	5.0	7.6	9.1	10.6	13.4	14.2	16.4	11.7	7.1	2.9	1.4	.2					2959	2959	2959	2959

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.	7086068	131774	44.5	20.290	2959							
Dry Bulb	8990781	161761	54.7	7.067	2959		.0	2.9	.1			90
Wet Bulb	5799043	130055	44.0	5.291	2959		1.1					90
Dew Point	3168002	91732	31.0	10.469	2959	.3	48.3					90

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

U. S GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC 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
66/ 65						.0	.0				.0							3	3		
64/ 63						.1	.1	.0		.2	.0							13	13		
62/ 61						.1	.3	.2	.1	.1								24	24		
60/ 59				.2	.1	.4	.3	.2	.3	.1								48	48		
58/ 57			.1	.3	.4	.8	.7	.6	.5	.1								105	105		
56/ 55		.1	.4	.3	.7	.6	.8	1.2	.4	.1								141	141	4	
54/ 53		.3	.3	.6	.7	.6	1.3	1.0	.4	.2								166	166	23	1
52/ 51	.1	.7	1.2	.7	1.2	1.5	2.1	1.3	.5	.0								284	284	46	23
50/ 49	.1	.6	1.4	.9	1.0	2.5	1.6	1.5	.3									303	303	77	28
48/ 47	.0	1.1	1.7	1.3	1.6	2.2	1.5	.9	.1									315	315	152	35
46/ 45	.1	1.2	1.7	1.8	2.1	2.0	1.3	.5	.0									326	326	210	73
44/ 43	.1	1.5	2.6	1.8	2.7	1.5	.7	.1										333	333	230	113
42/ 41	.0	2.1	1.9	2.2	2.1	1.2	.3	.0										303	303	353	139
40/ 39	.1	2.3	1.9	2.0	1.2	.8	.1											258	258	427	139
38/ 37	.2	1.0	1.3	1.1	.9	.3												149	149	425	210
36/ 35	.0	1.1	.9	.8	.6	.0												108	108	406	196
34/ 33	.1	.9	.8	.9	.2													90	90	295	189
32/ 31		.6	.4	.2	.2													41	41	175	205
30/ 29	.1	.5	.1	.1														24	24	134	217
28/ 27	.0	.1	.2	.1														14	14	62	265
26/ 25		.1	.0	.0														4	4	20	265
24/ 23		.1																2	2	9	188
22/ 21																				6	168
20/ 19																					102
18/ 17																					129
16/ 15																					109
14/ 13																					78
12/ 11																					58
10/ 9																					37
8/ 7																					35
6/ 5																					15
4/ 3																					18
2/ 1																					6
0/ -1																					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) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | DEC MONTH

PAGE 2 | 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
-2/ -3																					5
-4/ -5																					4
TOTAL	.9	14.3	16.9	15.5	15.7	14.5	11.1	7.5	2.6	.9	.1							3054	3054	3054	3055

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.	10875627	170127	55.7	21.403	3054							
Dry Bulb	6544333	139789	45.8	6.912	3054		2.6					93
Wet Bulb	4675805	118221	38.7	5.710	3054		12.4					93
Dew Point	2864542	88266	28.9	10.145	3055	.4	58.1					93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23169 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
64/ 63						.0			.1	.0								4	4			
62/ 61						.2	.0	.0	.0	.3								17	17			
60/ 59			.1	.0	.1	.2	.2	.3	.3	.1	.1							43	43			
58/ 57				.1	.1	.8	.3	.3	.1	.1								53	53			
56/ 55	.0	.1	.3	.4	.5	.6	.5	.5	.4									103	103	4	1	
54/ 53		.4	.2	.4	.7	.8	1.1	.9	.4									148	148	7	2	
52/ 51	.0	.5	.7	.6	1.1	1.2	1.8	1.0	.3									218	218	38	13	
50/ 49	.2	.8	1.0	.9	.9	2.0	1.8	1.4	.4	.0								285	285	67	30	
48/ 47		.9	1.4	.7	1.2	2.2	1.3	.9	.0									264	264	112	24	
46/ 45	.1	1.9	1.7	1.8	2.3	2.4	1.2	.3	.1									358	358	161	54	
44/ 43	.1	1.6	2.0	2.0	2.1	1.4	.6	.1										302	302	230	109	
42/ 41	.1	1.5	2.0	2.9	2.7	1.2	.4											327	327	275	111	
40/ 39	.2	2.4	2.6	2.3	1.6	1.3	.1											318	318	401	141	
38/ 37	.1	1.6	1.4	1.5	1.4	.5	.0											199	199	439	167	
36/ 35	.1	1.4	1.8	1.4	.7	.2												171	171	420	181	
34/ 33	.0	.9	1.1	.9	.2													93	93	325	224	
32/ 31		.8	.7	.6	.1													66	66	243	189	
30/ 29	.1	.7	.3	.3														41	42	176	250	
28/ 27	.3	.3	.3	.0														26	26	91	251	
26/ 25		.1	.0	.1														7	7	38	257	
24/ 23		.1	.1															6	6	13	245	
22/ 21			.0															1	1	6	150	
20/ 19																				4	128	
18/ 17																					123	
16/ 15																					113	
14/ 13																					95	
12/ 11																					77	
10/ 9																					31	
8/ 7																					32	
6/ 5																					24	
4/ 3																					5	
2/ 1																					4	
0/ -1																					12	
-2/ -3																					2	

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (YEARS) DEC (MONTH)

PAGE 2 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
-4/ -5																					4
-6/ -7																					1
TOTAL	1.2	15.9	17.8	16.9	15.6	14.9	9.4	5.8	2.0	.5	.1							3050	3051	3050	3050

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.	11275607	173785	57.0	21.225	3050							
Dry Bulb	6130182	135086	44.3	6.992	3051		4.5					93
Wet Bulb	4425726	114834	37.7	5.789	3050		17.4					93
Dew Point	2722851	85947	28.2	9.935	3050	.6	60.8					93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC 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
64/ 63						.0			.0									2	2		
62/ 61					.0		.1		.1	.1								7	7		
60/ 59				.1	.2	.3	.3	.2	.3	.1	.0							46	46		
58/ 57			.1	.2	.5	.6	.4	.3	.5	.1	.0							82	82		
56/ 55		.1	.1	.4	.5	.3	.8	.6	.4	.0								97	97		
54/ 53		.3	.1	.4	.9	.7	1.3	1.0	.3	.1								150	150	15	1
52/ 51	.0	.5	.5	.7	.9	1.2	1.5	.9	.4									202	205	25	9
50/ 49	.1	.9	.8	1.1	1.0	1.6	1.8	1.0	.3									260	260	74	22
48/ 47		1.0	.8	.8	1.8	2.2	1.6	.7	.1									270	270	100	31
46/ 45	.1	1.3	1.9	1.5	1.9	2.1	1.2	.2										312	312	145	48
44/ 43	.1	1.8	1.8	2.3	1.9	1.8	.9	.1										325	325	218	99
42/ 41	.2	1.3	2.5	2.1	2.4	1.1	.4	.1										309	309	301	89
40/ 39	.3	2.1	2.3	3.0	1.4	1.1	.0	.0										317	317	358	150
38/ 37	.0	1.4	1.8	1.9	1.0	.5												202	202	445	174
36/ 35		1.8	1.7	1.4	.8	.0												176	176	402	157
34/ 33	.1	1.0	1.5	1.1	.3	.0												124	124	354	217
32/ 31	.1	1.0	1.0	.6														78	78	263	224
30/ 29	.0	.6	.4	.2	.0													40	40	166	254
28/ 27	.2	.5	.1	.1														29	29	114	209
26/ 25	.0	.1	.1	.1														9	9	39	275
24/ 23	.0	.2	.1															9	9	16	250
22/ 21			.1															2	2	7	181
20/ 19			.0															1	1	5	128
18/ 17																				2	137
16/ 15																					116
14/ 13																					80
12/ 11																					72
10/ 9																					52
8/ 7																					34
6/ 5																					13
4/ 3																					10
2/ 1																					7
0/ -1																					4
-2/ -3																					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) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23169 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					3
-6/ -7																					2
TOTAL	1.3	15.8	17.7	17.9	15.6	13.6	10.3	5.0	2.3	.4	.1							3049	3052	3049	3049

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.	11192875	173353	56.9	20.920	3048							
Dry Bulb	6065804	134282	44.0	7.199	3052		5.1					93
Wet Bulb	4365454	113990	37.4	5.676	3049		18.7					93
Dew Point	2663471	85103	27.9	9.572	3049	.3	62.6					93

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

USAFETAC

U.S. GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC 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
[illegible]																		[illegible]	[illegible]		
78/ 77											.0		.0					2	2		
76/ 75												.0		.0				2	2		
74/ 73								.1		.1	.1	.2	.1	.0				17	17		
72/ 71							.1		.1	.1	.3	.4	.3	.0				37	37		
70/ 69						.0	.1	.1	.2	.6	.4	.5	.2					65	66		
68/ 67					.0	.0	.2	.3	.4	.8	.9	.6	.1	.1				102	103		
66/ 65					.0	.1	.3	.6	.7	1.2	.9	.3	.1					127	127		
64/ 63					.1	.3	.4	.8	1.0	1.7	1.0	.2	.0					170	170	[illegible]	
62/ 61				.1	.2	.5	.9	1.5	1.3	1.5	.9	.1						208	208		
60/ 59				.1	.6	.7	.9	1.5	2.2	1.3	.5	.0						239	240	6	
58/ 57		.0	.1	.5	.8	1.3	1.6	2.4	1.5	.9	.1							280	280	9	
56/ 55		.1	.4	.7	1.1	1.3	1.8	1.6	1.6	.3								275	275	37	
54/ 53	.0	.3	.5	.8	1.4	1.5	1.9	1.7	.9	.0	.0							276	276	61	7
52/ 51		.3	1.0	.9	1.4	1.3	1.9	.9	.6									261	261	156	18
50/ 49	.0	.5	.8	1.2	1.7	1.6	1.3	1.1	.1									254	254	246	35
48/ 47	.0	.5	.9	1.6	1.2	1.5	.9	.3	.1									212	212	361	55
46/ 45	.0	.3	1.2	1.2	1.1	.7	.8	.0										165	165	427	91
44/ 43		.6	.6	.8	.8	.7	.2	.0										112	112	442	119
42/ 41	.1	.5	.6	.8	.5	.5												94	94	404	134
40/ 39	.1	.3	.6	.6	.7	.2												74	74	329	169
38/ 37	.1	.2	.4	.2	.2	.1												34	34	230	193
36/ 35	.0	.2	.2	.2	.1	.1												25	25	163	218
34/ 33	.0	.1	.1	.1	.0													14	14	92	200
32/ 31		.1	.1	.1														9	9	52	228
30/ 29			.0		.0													2	2	26	222
28/ 27																				10	242
26/ 25																				4	225
24/ 23																				1	183
22/ 21																					150
20/ 19																					114
18/ 17																					130
16/ 15																					106
14/ 13																					83

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 -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC 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
12/ 11																					50
10/ 9																					34
8/ 7																					20
6/ 5																					12
4/ 3																					6
2/ 1																					5
0/ -1																					2
-2/ -3																					2
-4/ -5																					1
-6/ -7																					1
-10/-11																					1
-12/-13																					2
TOTAL	.4	4.0	7.6	9.9	12.1	12.4	13.2	12.9	10.6	8.4	5.1	2.4	.9	.2		.0		3058	3061	3058	3053

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.	6903418	131806	43.1	19.996	3058							
Dry Bulb	9265230	166468	54.4	8.326	3061		.4	6.9	.7			93
Wet Bulb	5824668	132304	43.3	5.534	3058		2.9					93
Dew Point	3009720	90882	29.7	10.050	3058	.3	55.3					93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.1	.0		.0		4	4		
82/ 81													.0	.1	.1	.1		9	9		
80/ 79											.0	.1	.2	.2	.2	.2		29	29		
78/ 77							.0			.1	.0	.2	.5	.3	.3	.0		43	43		
76/ 75							.1	.1	.1	.2	.4	.8	1.4	.7	.2			118	118		
74/ 73							.0	.1	.1	.5	.6	1.3	1.3	.6	.2			141	141		
72/ 71								.0	.2	.7	1.5	2.0	1.1	.6	.0			186	186		
70/ 69						.1		.4	.6	1.4	2.1	2.2	1.4	.2				257	257		
68/ 67						.2	.3	.4	1.3	1.9	2.3	1.7	.7	.1				269	270		
66/ 65				.0		.2	.5	1.1	1.8	2.0	2.1	1.1	.2	.0				280	280	1	
64/ 63			.1	.0	.1	.2	.6	1.1	1.7	2.4	1.9	.6	.0					266	266	3	
62/ 61				.0	.2	.6	1.3	1.3	2.0	1.6	.9	.0						245	245	8	
60/ 59			.2	.4	.5	.9	1.6	1.8	1.4	.9	.5							245	245	15	1
58/ 57			.2	.3	.7	1.3	1.4	1.3	.7	.6	.2							201	201	37	4
56/ 55		.1	.3	.6	.9	.8	.9	.9	.7	.4								168	168	96	7
54/ 53		.2	.2	.3	.8	.8	1.0	.9	.5	.0								147	148	207	9
52/ 51		.2	.3	.4	1.0	1.0	.8	.6	.2	.0								134	134	364	28
50/ 49		.2	.1	.4	.6	.6	.4	.3	.0									81	81	484	33
48/ 47		.2	.1	.5	.7	.5	.2	.2	.0									73	73	503	52
46/ 45	.0	.2	.6	.2	.5	.4	.2	.1										65	66	473	72
44/ 43		.3	.3	.1	.3	.2	.1											42	42	296	87
42/ 41	.0	.0	.1	.1	.1	.2	.1	.0										21	21	234	135
40/ 39	.1	.0	.1		.2		.1											13	13	149	157
38/ 37		.2	.0		.1													9	9	88	197
36/ 35	.0	.1	.1		.0													7	7	48	213
34/ 33		.0																1	1	19	229
32/ 31																				23	218
30/ 29																				5	266
28/ 27																				1	214
26/ 25																					224
24/ 23																					162
22/ 21																					174
20/ 19																					130
18/ 17																					135

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | DEC 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
16/ 15																					110
14/ 13																					64
12/ 11																					42
10/ 9																					28
8/ 7																					30
6/ 5																					13
4/ 3																					6
2/ 1																					2
0/ -1																					6
-2/ -3																					2
-4/ -5																					1
-6/ -7																					2
-10/-11																					1
TOTAL	.2	1.7	2.7	3.3	6.6	7.9	9.6	10.7	11.5	12.6	12.5	9.9	6.8	2.7	1.0	.4			3057		3054
																		3054		3054	

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.	4311716	101124	33.1	17.763	3054							
Dry Bulb	12079432	190304	62.3	8.725	3057			32.2	10.5	.6		93
Wet Bulb	6807080	143336	46.9	5.112	3054		.9					93
Dew Point	2995636	90568	29.7	10.074	3054	.4	55.7					93

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 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
84/ 83														.0		.0		2	2		
82/ 81												.1	.0	.1		.1		9	9		
80/ 79											.0	.0	.1	.1	.1	.2		20	20		
78/ 77											.1	.1	.5	.2	.3	.2		41	41		
76/ 75							.0	.0	.1	.0	.5	.7	1.2	.7	.5			115	115		
74/ 73								.1	.2	.2	.5	1.4	1.2	.6	.2			134	134		
72/ 71								.2	.2	.5	1.1	1.5	1.5	.5	.1			168	168		
70/ 69						.0	.1	.4	.6	.7	2.6	2.4	1.3	.2				258	258		
68/ 67					.0	.0	.0	.3	.5	1.2	2.0	2.6	1.6	.7	.0			278	278		
66/ 65						.0	.1	.5	.8	1.8	2.3	2.8	1.2	.1				295	295		
64/ 63				.0	.1	.3	.5	1.5	1.8	2.0	1.7	.5	.0					258	258	1	
62/ 61		.0	.0	.1	.2	.4	.9	1.9	1.5	1.6	1.0	.1						235	235	2	
60/ 59			.1	.4	.4	.8	1.5	1.5	1.6	.9	.8	.0						241	242	17	1
58/ 57		.2	.3	.2	.8	.6	1.5	1.2	.8	.9	.2							208	209	33	2
56/ 55		.2	.3	.5	.7	1.3	1.1	1.1	1.0	.3	.0							197	197	87	5
54/ 53		.2	.2	.4	1.1	.7	1.3	.6	.7	.1								161	161	180	11
52/ 51	.0	.3	.2	.5	.7	.6	.8	.4	.1	.0								111	111	339	21
50/ 49		.4	.4	.4	.7	.6	.7	.5	.0									108	108	489	44
48/ 47		.2	.2	.4	.2	.6	.3	.2										62	62	536	59
46/ 45	.1	.3	.4	.2	.7	.3	.1	.1	.1									72	72	486	68
44/ 43		.1	.2	.3	.3	.3	.0	.1										37	37	321	102
42/ 41	.1	.2	.1	.1	.1	.0	.0											20	20	211	100
40/ 39		.1	.1	.1	.2	.0												13	13	158	120
38/ 37		.1	.1	.2														9	9	101	211
36/ 35	.1	.0	.0															4	4	51	193
34/ 33	.1																	2	2	28	204
32/ 31	.0																	1	1	17	248
30/ 29																				2	234
28/ 27																					209
26/ 25																					267
24/ 23																					193
22/ 21																					152
20/ 19																					133
18/ 17																					145

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 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MUNTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					111
14/ 13																					80
12/ 11																					58
10/ 9																					39
8/ 7																					19
6/ 5																					10
4/ 3																					5
2/ 1																					5
0/ -1																					2
-2/ -3																					2
-4/ -5																					4
-10/-11																					1
-12/-13																					1
TOTAL	.3	2.2	2.5	3.7	6.2	6.7	9.7	11.1	11.7	11.6	13.8	9.6	6.6	2.4	1.2	.6			3061		3059
																		3059		3059	

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.	4370853	100949	33.0	18.437	3059							
Dry Bulb	12003207	189863	62.0	8.607	3061		.0	31.1	9.8	.6		93
Wet Bulb	6746903	142857	46.7	4.966	3059		.6					93
Dew Point	2922043	89343	29.2	10.111	3059	.3	58.3					93

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

USAFETAC

☆ U.S GOVERNMENT PRINTING OFFICE-1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | DEC 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
74/ 73										.0								1	1		
72/ 71												.0						1	1		
70/ 69							.0	.1	.1	.1	.1	.2	.1					21	21		
68/ 67						.0	.1	.2	.1	.4	.3	.2	.1					40	40		
66/ 65				.0	.0	.2	.3	.3	.5	.8	.3	.3	.0					87	87		
64/ 63					.0	.4	.4	.6	1.3	.9	.7	.3						141	141		
62/ 61			.0	.0	.2	.6	.6	1.6	2.1	1.3	.7							218	218		
60/ 59			.1	.1	.3	1.4	1.3	2.1	2.8	1.3	.3	.1						299	299	1	
58/ 57		.1	.4	.3	.8	1.6	1.8	2.7	1.4	.9	.0							306	306	6	1
56/ 55		.2	.3	.9	1.2	1.9	2.5	1.8	1.8	.5	.0							337	337	19	
54/ 53	.0	.4	.8	1.1	1.3	2.0	2.1	1.4	1.4	.1								324	324	76	13
52/ 51	.1	.5	.7	1.4	1.8	1.8	1.9	1.2	.7	.0								306	306	90	29
50/ 49		.6	.9	1.6	1.4	2.0	1.1	1.1	.3									277	277	250	35
48/ 47	.0	.6	.9	1.8	1.3	1.0	1.2	.6										232	232	338	47
46/ 45	.0	.7	1.2	1.1	1.2	.8	.6	.2										176	176	486	89
[illegible]		.5	.4	1.0	.6	.6	.2	.0										102	102	484	141
42/ 41	.1	.4	.4	.6	.3	.4	.1											64	64	421	147
40/ 39	.0	.6	.6	.6	.6	.1	.1											76	76	337	186
38/ 37		.1	.2	.3	.1	.1												24	24	239	182
36/ 35	.1		.3	.1	.1	.0												21	21	162	201
34/ 33	.1	.0	.1			.0												6	6	82	239
32/ 31																				50	222
30/ 29			.0															1	1	10	264
28/ 27																				8	215
26/ 25				.0														1	1		210
24/ 23																				1	155
22/ 21																					151
20/ 19																				1	129
18/ 17																					93
16/ 15																					92
14/ 13																					69
12/ 11																					61
10/ 9																					30
8/ 7																					18

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

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 41-45,48-75 YEARS | DEC 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
6/ 5																					16
4/ 3																					12
2/ 1																					7
0/ -1																					4
-2/ -3																					1
-4/ -5																					1
-10/-11																					1
TOTAL	.5	4.6	7.3	11.0	11.2	14.8	14.2	13.9	12.4	6.3	2.5	1.1	.3						3061		3061
																		3061		3061	

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.	7304316	136492	44.6	19.951	3061							
Dry Bulb	8966421	164299	53.7	6.947	3061		.1	1.9	.0			93
Wet Bulb	5784675	132157	43.2	5.077	3061		2.1					93
Dew Point	3108694	92482	30.2	10.139	3061	.2	53.2					93

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

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-510

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC 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
68/ 67								.0										1	1		
66/ 65					.0		.1	.0	.0		.1							7	7		
64/ 63					.0		.2	.2	.0	.1	.1	.0						22	22		
62/ 61				.1	.0	.1	.2	.2	.3	.2	.1							37	37		
60/ 59			.0	.2	.1	.4	.5	.8	.4	.2								80	80		
58/ 57		.1	.2	.3	.5	.7	.9	1.4	.8	.5								162	162	2	
56/ 55		.1	.3	.5	.6	1.0	1.3	1.5	.6	.2								187	187	8	
54/ 53	.0	.4	.7	.9	.9	1.5	2.6	1.6	.9	.2								300	300	31	6
52/ 51	.1	.6	.9	1.2	1.0	2.0	2.3	1.6	.3									308	308	43	27
50/ 49	.1	.7	1.5	1.7	1.3	2.6	1.8	1.2	.4									348	348	121	27
48/ 47		.7	1.7	1.9	2.4	2.4	2.1	.9	.1									373	373	163	44
46/ 45	.0	1.1	2.7	2.4	2.1	1.9	1.1	.4										356	356	242	68
44/ 43		1.5	2.1	1.5	1.5	1.6	.7	.1										275	275	362	110
42/ 41	.1	1.1	1.2	1.3	1.2	.7	.2	.0										183	183	468	134
40/ 39	.2	1.2	.9	1.0	1.2	.8	.0											163	163	460	201
38/ 37	.1	.8	1.4	.6	.5	.4												112	112	391	207
36/ 35	.1	.4	1.0	.6	.2													73	73	289	210
34/ 33		.2	.5	.2	.1	.0												35	35	223	184
32/ 31		.2	.1	.1	.1													17	17	131	211
30/ 29	.1	.2	.2	.1	.0													16	16	81	272
28/ 27				.1														3	3	25	234
26/ 25																				10	230
24/ 23																				6	161
22/ 21																				2	153
20/ 19																					109
18/ 17																					102
16/ 15																					104
14/ 13																					91
12/ 11																					60
10/ 9																					34
8/ 7																					30
6/ 5																					22
4/ 3																					13
2/ 1																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

* U. S. GOVERNMENT PRINTING OFFICE: 1974 7,12-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION — DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME — 41-45,48-75 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					3
-2/ -3																					4
-4/ -5																					3
-6/ -7																					2
TOTAL	.9	9.4	15.6	14.7	13.8	16.0	14.1	10.1	3.9	1.4	.2	.0						3058	3058	3058	3058

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.	9757866	160514	52.5	20.878	3058							
Dry Bulb	7180651	146801	48.0	6.606	3058		1.1	.0				93
Wet Bulb	5003674	122580	40.1	5.427	3058		7.8					93
Dew Point	2969210	90058	29.4	10.183	3058	.4	56.0					93

USAFETAC FORM 0-265-(OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-46,48-76 (YEARS)

HRS (L S.T.)		JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	44.4	46.8	50.6	57.6	65.7	74.9	79.5	77.7	73.9	63.4	51.8	45.8	61.0
	S D	7.255	7.400	7.217	6.963	6.658	6.601	4.690	3.958	5.520	7.263	7.121	6.912	14.284
	TOTAL OBS	3137	2706	2968	2865	2959	2862	2982	3057	2949	3050	2963	3054	35552
03-05	MEAN	42.9	44.6	47.9	54.0	61.6	70.7	76.9	75.2	71.1	61.0	50.0	44.3	58.4
	S D	7.354	7.482	6.978	6.800	6.689	6.617	4.013	3.566	5.409	7.123	7.163	6.992	13.819
	TOTAL OBS	3147	2711	2964	2862	2961	2864	2977	3055	2949	3043	2958	3051	35542
06-08	MEAN	42.4	44.4	48.9	57.3	67.1	76.4	79.6	77.1	73.1	62.2	50.6	44.0	60.3
	S D	7.441	7.479	7.588	8.167	8.180	7.463	5.221	4.540	6.292	7.807	7.509	7.189	15.333
	TOTAL OBS	3146	2713	2969	2865	2963	2869	2979	3063	2948	3050	2955	3052	35572
09-11	MEAN	52.7	56.0	61.5	70.5	79.7	88.1	88.7	86.6	84.8	75.2	63.0	54.4	71.7
	S.D	8.460	8.468	9.081	8.880	7.773	6.495	6.021	5.324	6.545	8.780	8.861	8.326	15.450
	TOTAL OBS	3141	2709	2967	2867	2949	2867	2974	3062	2944	3047	2949	3061	35537
12-14	MEAN	60.9	63.8	68.4	77.1	86.1	94.6	94.6	92.7	90.9	81.9	70.4	62.3	76.6
	S D	8.969	8.948	9.738	9.173	7.632	6.373	6.246	5.526	6.567	8.884	9.095	8.725	14.994
	TOTAL OBS	3140	2714	2966	2864	2949	2837	2963	3061	2950	3040	2951	3057	35490
15-17	MEAN	61.6	64.9	69.5	78.2	87.3	96.0	95.0	92.9	91.0	81.8	70.0	62.0	79.1
	S D	8.985	9.128	9.856	9.268	7.508	6.444	7.358	6.561	6.981	8.947	9.049	8.607	15.149
	TOTAL OBS	3141	2709	2962	2862	2950	2832	2956	3054	2946	3045	2951	3061	35469
18-20	MEAN	53.6	57.9	63.2	72.1	81.7	90.6	89.4	87.2	84.4	73.6	61.2	53.7	72.3
	S D.	7.576	8.034	8.983	8.809	7.628	6.924	7.651	6.755	6.761	8.037	7.748	6.947	15.577
	TOTAL OBS	3135	2706	2960	2861	2958	2845	2961	3065	2948	3051	2955	3061	35506
21-23	MEAN	47.4	51.0	55.7	63.8	72.7	81.8	83.3	81.2	77.8	66.8	54.7	48.0	65.3
	S D	7.087	7.250	7.625	7.425	6.835	6.495	5.990	5.084	5.889	7.447	7.067	6.606	14.884
	TOTAL OBS	3132	2706	2962	2863	2957	2849	2979	3056	2951	3052	2959	3058	35524
ALL HOURS	MEAN	50.7	53.7	58.2	66.3	75.2	84.1	85.9	83.8	80.9	70.8	59.0	51.8	68.3
	S D	10.711	11.142	11.689	12.073	11.777	11.159	8.908	8.410	9.731	11.397	11.209	10.319	16.820
	TOTAL OBS	25119	21674	23716	22909	23646	22825	23771	24473	23585	24378	23641	24455	284197

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-46,48-76 (YEARS)

HRS (L.S.T.)		JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	37.7	38.8	41.0	43.9	48.0	54.6	65.6	66.2	59.9	51.0	42.2	38.7	49.0
	S.D	5.985	6.098	5.251	4.812	4.918	5.866	4.361	3.857	5.722	6.472	5.517	5.710	11.409
	TOTAL OBS	3136	2706	2967	2865	2959	2858	2973	3051	2944	3030	2962	3054	35525
03-05	MEAN	36.6	37.4	39.5	42.2	46.1	52.9	65.0	65.5	58.9	49.8	41.2	37.7	47.7
	S D	6.133	6.214	5.337	4.900	5.082	6.281	4.634	3.862	5.838	6.595	5.604	5.789	11.644
	TOTAL OBS	3146	2711	2964	2862	2960	2861	2968	3046	2943	3040	2957	3050	35508
06-08	MEAN	36.2	37.2	40.0	44.1	49.1	55.9	66.2	66.4	60.0	50.6	41.5	37.4	48.8
	S D	6.204	6.205	5.472	5.301	5.321	5.932	4.081	3.569	5.663	6.655	5.758	5.836	12.072
	TOTAL OBS	3145	2713	2967	2865	2960	2866	2971	3050	2941	3047	2954	3049	35534
09-	MEAN	42.1	43.7	46.4	50.2	54.6	60.3	68.4	68.9	64.3	56.4	48.0	43.3	53.9
	S D	5.927	5.807	5.101	4.716	4.433	4.663	3.464	3.011	4.432	5.653	5.389	5.534	10.611
	TOTAL OBS	3141	2709	2965	2867	2946	2865	2970	3061	2938	3047	2949	3058	35516
12-14	MEAN	45.9	47.3	49.0	52.6	56.7	62.2	69.2	69.6	65.3	58.2	51.0	46.9	56.2
	S D	5.553	5.402	4.908	4.549	4.199	4.282	3.184	3.176	4.153	5.097	5.020	5.112	9.597
	TOTAL OBS	3140	2711	2964	2864	2946	2834	2959	3057	2946	3040	2950	3054	35465
15-17	MEAN	46.0	47.2	49.3	52.0	56.9	62.4	68.9	69.1	64.8	57.9	50.7	46.7	56.1
	S D	5.324	5.222	4.639	4.285	3.957	3.896	3.196	3.125	3.943	4.899	4.837	4.966	9.353
	TOTAL OBS	3141	2706	2959	2861	2941	2832	2951	3052	2943	3044	2949	3059	35438
18-20	MEAN	42.7	44.4	46.7	50.2	54.6	60.3	67.6	67.8	63.0	55.2	47.2	43.2	53.6
	S.D	5.406	5.293	4.647	4.323	4.053	4.188	3.245	3.202	4.433	5.378	4.920	5.077	10.043
	TOTAL OBS	3133	2706	2959	2861	2951	2845	2954	3060	2945	3051	2954	3061	35480
21-23	MEAN	39.5	41.1	43.5	46.8	51.1	57.4	66.6	66.8	61.1	52.3	44.0	40.1	50.9
	S D	5.817	5.725	4.877	4.455	4.431	5.059	3.739	3.692	5.290	6.175	5.291	5.427	10.917
	TOTAL OBS	3132	2706	2962	2863	2951	2847	2974	3050	2947	3052	2959	3058	35501
ALL HOURS	MEAN	40.8	42.1	44.4	47.9	52.1	58.2	67.2	67.6	62.2	53.9	45.7	41.7	52.0
	S D	6.868	6.887	6.261	6.077	5.994	6.103	4.050	3.736	5.517	6.710	6.508	6.522	11.194
	TOTAL OBS	25114	21668	23707	22908	23614	22808	23720	24433	23547	24371	23634	24443	283967

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING BRANCH 04472

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
41-46,48-76 — YEARS

HRS. (L.S.T.)		JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	28.1	27.6	28.2	26.9	28.1	36.2	57.3	59.8	49.9	38.9	30.2	28.9	36.2
	S D	10.047	10.909	10.164	10.103	9.985	11.665	9.747	7.413	10.565	11.620	10.432	10.145	15.601
	TOTAL OBS	3138	2706	2967	2865	2959	2857	2973	3050	2944	3050	2962	3055	35526
03-05	MEAN	27.3	27.0	27.8	26.9	27.9	36.1	57.8	60.1	50.0	38.7	29.8	28.2	36.5
	S D	10.018	10.678	9.891	9.767	9.652	11.884	9.431	6.972	10.371	11.500	10.180	9.935	15.722
	TOTAL OBS	3140	2711	2964	2862	2960	2861	2968	3046	2943	3049	2957	3050	35508
06-08	MEAN	27.1	26.8	28.1	28.1	30.0	38.4	58.7	60.7	50.9	39.4	29.9	27.9	37.3
	S D	9.894	10.610	9.704	9.470	9.507	11.289	8.525	6.268	9.575	11.204	10.148	9.722	15.636
	TOTAL OBS	3145	2713	2967	2865	2960	2866	2971	3054	2941	3047	2954	3049	35534
09-11	MEAN	28.7	28.5	29.2	29.2	31.4	39.3	57.6	60.0	51.6	41.1	31.9	29.7	38.3
	S D	10.197	10.894	9.828	8.891	8.963	10.410	8.385	6.388	9.256	10.517	10.137	10.050	14.876
	TOTAL OBS	3140	2709	2965	2867	2946	2865	2970	3061	2938	3047	2949	3058	35515
12-14	MEAN	28.4	27.6	27.9	28.1	30.5	38.5	55.9	58.1	49.8	39.8	31.6	29.7	37.2
	S D	10.587	10.750	9.845	8.596	8.860	10.214	8.331	7.040	9.338	10.043	10.144	10.074	14.522
	TOTAL OBS	3140	2709	2964	2861	2946	2834	2959	3057	2946	3046	2950	3054	35460
15-17	MEAN	27.7	26.8	27.1	27.2	29.7	37.6	54.8	57.0	48.5	38.6	31.0	29.2	36.3
	S D	10.517	10.856	9.671	8.344	8.833	10.084	8.955	7.668	9.589	10.196	10.051	10.111	14.421
	TOTAL OBS	3140	2705	2959	2861	2941	2832	2951	3052	2943	3044	2949	3059	35436
18-20	MEAN	28.9	27.7	27.6	26.9	28.7	36.7	55.4	57.6	49.0	39.2	31.7	30.2	36.7
	S D	10.336	11.000	9.861	9.006	8.856	10.585	9.450	8.087	10.100	10.836	10.082	10.139	14.659
	TOTAL OBS	3133	2706	2959	2861	2951	2845	2953	3060	2945	3051	2953	3061	35478
21-23	MEAN	28.8	28.0	28.3	27.1	26.9	36.8	57.1	59.0	49.6	38.9	31.0	29.4	37.0
	S D	10.330	11.114	10.225	9.864	9.472	11.293	9.573	7.954	10.591	11.402	10.469	10.183	15.285
	TOTAL OBS	3132	2706	2962	2863	2951	2847	2974	3050	2947	3052	2959	3058	35501
ALL HOURS	MEAN	28.1	27.5	28.0	27.5	29.4	37.5	56.8	59.1	49.9	39.3	30.9	29.2	37.0
	S D	10.262	10.866	9.915	9.307	9.371	11.002	9.151	7.362	10.015	10.967	10.234	10.071	15.109
	TOTAL OBS	25114	21665	23707	22905	23614	22807	23719	24432	23547	24371	23653	24444	283958

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	41-46,48-76	ALL
STATION	STATION NAME	PERIOD	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	99.5	88.8	72.3	55.0	40.0	27.0	17.3	9.4	3.0	46.7	25113
FEB		99.0	82.1	63.1	45.9	31.6	20.9	12.8	6.6	2.0	41.8	21665
MAR		97.5	74.8	52.4	35.3	23.8	15.6	10.0	4.8	1.2	37.0	23707
APR		93.6	56.1	31.3	17.1	9.2	5.6	3.4	1.6	.3	27.2	22905
MAY		89.3	40.7	15.7	6.2	2.8	1.2	.6	.2	.1	20.9	23614
JUN		90.3	42.3	17.3	7.7	3.7	1.7	.7	.3	.1	21.6	22807
JUL		99.1	85.6	66.2	47.4	32.2	19.4	10.9	4.5	.7	42.1	23719
AUG		99.9	93.5	78.2	59.3	41.1	25.0	13.8	5.3	.5	47.2	24431
SEP		99.3	83.0	58.9	38.1	23.6	13.6	7.1	2.8	.4	38.2	23547
OCT		98.7	78.6	53.0	33.4	20.8	12.7	7.7	4.4	1.1	36.5	24371
NOV		98.5	81.5	59.1	40.1	26.6	17.1	10.8	5.7	1.7	39.6	23634
DEC		99.5	89.1	72.0	54.5	40.0	27.9	18.5	10.0	2.9	47.0	24442
TOTALS		97.0	74.7	53.3	36.7	24.6	15.6	9.5	4.6	1.2	37.2	283955

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-46,48-76 (PERIOD) JAN (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	97.8	89.6	73.2	58.3	40.4	27.6	15.6	4.3	56.2	3136
	03-05	100.0	98.0	90.5	75.2	59.5	44.0	30.5	17.5	5.7	57.6	3146
	06-08	100.0	98.2	91.2	77.2	60.4	43.6	29.8	17.3	6.2	57.9	3145
	09-11	99.9	91.1	69.3	47.9	32.2	20.0	11.1	5.2	1.7	43.4	3141
	12-14	98.3	72.6	45.2	27.8	14.7	8.0	4.4	2.4	.8	32.8	3140
	15-17	98.3	67.3	40.5	25.1	13.7	7.6	4.8	2.5	.9	31.5	3140
	18-20	99.8	89.0	67.4	46.7	30.9	18.7	9.6	4.5	1.9	42.5	3133
	21-23	100.0	96.4	84.5	66.5	50.2	33.5	20.6	10.0	2.8	52.0	3132
TOTALS		99.5	88.8	72.3	55.0	40.0	27.0	17.3	9.4	3.0	46.7	25113

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 STATION | DAVIS MONTHAN AFB ARIZONA(TUCSON) STATION NAME | 42-45,48-76 PERIOD | FEB 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%		
FEB	00-02	100.0	95.4	81.6	65.3	47.2	33.2	20.1	11.1	3.4	51.2	2706
	03-05	100.0	96.5	85.2	69.9	52.8	37.1	23.7	13.2	4.2	53.7	2711
	06-08	100.0	96.2	84.9	70.5	54.3	38.1	23.6	12.1	4.0	53.9	2713
	09-11	99.4	82.9	61.1	39.5	24.6	14.3	7.3	2.9	.7	38.8	2709
	12-14	96.9	63.3	35.6	19.2	10.1	5.3	3.3	1.4	.3	28.9	2710
	15-17	95.8	56.4	30.6	16.2	9.1	6.2	3.9	2.6	.7	27.4	2704
	18-20	99.6	76.6	52.5	31.9	19.2	11.2	6.6	3.6	1.1	35.6	2706
	21-23	100.0	89.5	73.1	54.5	35.6	22.1	13.5	6.2	1.8	45.1	2706
TOTALS		99.0	82.1	63.1	45.9	31.6	20.9	12.8	6.6	2.0	41.8	21665

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	42-45,48-75	MAR
STATION	STATION NAME	PERIOD	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%		
MAR	00-02	99.8	92.2	71.9	53.0	36.8	24.8	15.5	7.8	2.0	46.1	2967
	03-05	99.9	95.6	79.7	59.2	43.6	29.6	19.6	9.9	2.6	49.5	2964
	06-08	99.9	94.9	77.1	57.9	41.1	28.0	18.3	8.5	2.3	48.4	2967
	09-11	98.5	73.5	45.3	28.1	16.4	8.9	5.1	2.5	.5	33.4	2965
	12-14	94.2	50.7	26.8	14.0	7.6	4.6	2.9	1.2	.6	25.5	2964
	15-17	91.4	44.4	23.3	11.5	7.5	5.1	3.2	1.7	.3	24.1	2959
	18-20	96.8	63.7	36.6	21.0	12.3	7.8	4.9	2.6	.5	30.0	2959
	21-23	99.7	83.1	58.2	37.5	25.4	16.0	10.1	4.4	.9	39.1	2962
TOTALS		97.5	74.8	52.4	35.3	23.8	15.6	10.0	4.8	1.2	37.0	23707

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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	99.4	79.2	48.1	26.6	15.0	8.9	6.1	2.8	.5	34.1	2865
	03-05	99.9	87.8	60.9	35.3	19.7	12.2	7.2	3.5	.9	38.2	2862
	06-08	99.8	83.7	54.5	30.5	17.3	9.8	5.1	1.9	.4	35.8	2865
	09-11	94.9	50.7	22.1	10.4	4.7	2.3	1.0	.3	.0	24.0	2867
	12-14	85.2	27.6	10.2	4.5	2.1	1.1	.7	.3	.1	18.5	2861
	15-17	80.8	22.2	8.6	4.7	2.8	1.7	1.0	.5	.1	17.4	2861
	18-20	91.0	36.1	15.6	8.1	4.6	2.9	2.0	1.0	.1	21.3	2861
	21-23	97.9	61.6	30.7	16.6	8.2	5.6	3.7	2.2	.3	28.0	2863
TOTALS		93.6	56.1	31.3	17.1	9.3	5.6	3.4	1.6	.3	27.2	22905

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-75 (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	99.1	63.6	25.5	10.6	5.0	2.3	1.0	.3	.1	26.2	2959
	03-05	99.8	77.7	36.7	15.6	7.1	3.1	1.4	.4	.2	29.7	2960
	06-08	98.9	67.9	27.8	11.7	5.0	1.9	.7	.3	.2	27.0	2960
	09-11	90.0	30.5	9.5	2.4	.7	.5	.3	.2	.1	18.8	2946
	12-14	76.5	15.0	3.3	.9	.4	.3	.2	.2		14.7	2946
	15-17	70.7	11.3	2.9	1.4	.5	.3	.2	.1		13.7	2941
	18-20	82.1	18.1	5.6	2.2	1.4	.5	.2	.2	.1	16.0	2951
	21-23	96.5	41.1	14.6	5.0	2.3	.9	.4	.1	.1	21.3	2951
TOTALS		89.3	40.7	15.7	6.2	2.8	1.2	.6	.2	.1	20.9	23614

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 42-45,48-'5 (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	99.3	64.1	26.3	11.0	5.5	3.0	1.3	.4	.1	26.6	2858
	03-05	99.6	76.5	38.3	17.7	7.9	4.1	1.6	.4	.1	30.2	2861
	06-08	98.7	67.6	31.3	14.4	5.9	2.2	.8	.3	.0	27.6	2866
	09-11	91.4	35.2	11.6	3.7	1.1	.2	.1	.0		19.6	2864
	12-14	80.4	17.5	4.2	1.4	.8	.2	.1			15.5	2834
	15-17	73.4	13.6	4.1	2.2	1.2	.5	.2	.1	.0	14.5	2832
	18-20	83.2	20.5	7.5	4.5	2.8	1.3	.6	.3	.1	17.0	2845
	21-23	96.6	43.0	14.9	7.0	4.2	2.1	1.0	.5	.2	22.1	2847
TOTALS		90.3	42.3	17.3	7.7	3.7	1.7	.7	.3	.1	21.6	22807

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109	DAVIS MONTHAN AFB ARIZONA(TUCSON)	41-45,48-75	JUL
STATION	STATION NAME	PERIOD	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%		
JUL	00-02	99.8	94.6	82.3	65.9	49.2	31.4	17.9	7.8	.9	50.5	2973
	03-05	100.0	97.4	89.9	75.6	58.8	39.2	23.0	9.9	1.2	55.0	2968
	06-08	99.9	96.2	87.1	71.8	53.6	32.1	17.7	6.0	.8	52.1	2971
	09-11	99.5	87.3	66.8	39.5	19.3	7.9	3.3	1.2	.4	38.1	2970
	12-14	98.1	75.3	41.6	16.9	6.4	2.9	1.7	.9	.2	30.0	2959
	15-17	97.2	68.0	36.1	18.3	9.8	5.3	2.8	1.4	.6	29.4	2951
	18-20	98.5	76.3	53.5	35.2	22.6	12.8	6.3	2.5	.4	36.3	2953
	21-23	99.8	89.5	71.9	55.6	38.2	23.5	14.1	6.1	.8	45.4	2974
TOTALS		99.1	85.6	66.2	47.4	32.2	19.4	10.9	4.5	.7	42.1	237,9

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (PERIOD) AUG (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%		
AUG	00-02	100.0	99.3	94.2	81.1	62.5	40.9	23.6	9.7	.6	56.7	3050
	03-05	100.0	100.0	97.0	89.1	74.2	52.4	32.0	13.2	1.4	61.5	3046
	06-08	100.0	99.6	96.8	88.1	71.7	46.7	24.0	8.2	.8	59.0	3056
	09-11	99.9	95.9	81.4	55.8	27.6	9.6	3.3	1.1	.1	43.0	3061
	12-14	99.8	87.0	57.3	25.0	7.8	2.9	1.1	.5	.0	33.6	3057
	15-17	99.6	80.7	48.5	23.9	10.8	5.5	2.9	1.1	.3	32.8	3052
	18-20	99.9	88.2	65.9	43.6	26.3	14.4	8.0	3.0	.3	40.5	3059
	21-23	100.0	97.0	84.8	67.5	47.8	27.6	15.4	5.9	.7	50.1	3050
TOTALS		99.9	93.5	78.2	59.3	41.1	25.0	13.8	5.3	.5	47.2	24431

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	99.9	96.9	78.0	55.3	35.3	21.4	11.3	4.5	.5	45.9	2944
	03-05	99.9	98.3	86.1	65.7	45.8	27.7	13.8	5.5	1.0	49.9	2943
	06-08	99.9	97.3	83.8	64.1	43.6	24.6	11.5	3.9	.6	48.4	2941
	09-11	99.3	83.7	56.9	30.4	13.2	4.8	2.3	1.2	.4	34.7	2938
	12-14	98.4	65.0	31.5	11.6	4.4	2.0	1.4	.7	.1	27.0	2946
	15-17	97.9	57.1	26.8	12.2	6.9	3.7	2.0	.8	.0	26.1	2943
	18-20	99.4	74.2	43.8	24.4	14.5	8.9	5.7	2.3	.2	32.9	2945
	21-23	99.6	91.7	64.2	41.0	25.3	15.3	8.7	3.8	.4	40.4	2947
TOTALS		99.3	83.0	58.9	38.1	23.6	13.6	7.1	2.8	.4	38.2	23547

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	99.8	93.5	71.2	48.8	32.0	18.5	11.8	6.6	1.6	44.0	3050
	03-05	99.9	96.1	78.9	56.6	37.7	24.0	13.7	8.2	2.5	47.3	3040
	06-08	100.0	94.9	78.3	55.0	36.1	22.3	12.6	7.6	1.9	46.4	3047
	09-11	98.9	76.3	46.6	25.7	12.8	7.1	3.9	2.0	.6	32.8	3047
	12-14	96.5	55.4	25.2	10.7	5.2	3.0	2.0	1.0	.3	25.2	3040
	15-17	95.8	49.7	22.0	10.8	6.9	4.3	2.9	1.5	.3	24.5	3044
	18-20	99.0	73.9	40.9	21.7	13.2	8.8	5.6	3.1	.4	32.1	3051
	21-23	99.6	88.7	60.6	37.6	22.6	13.5	9.2	5.4	1.2	39.4	3052
TOTALS		98.7	78.6	53.0	33.4	20.8	12.7	7.7	4.4	1.1	36.5	24371

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	99.8	94.2	75.3	55.9	38.8	27.2	18.3	9.7	2.6	47.8	2902
	03-05	99.9	95.6	79.0	59.9	43.4	29.8	19.5	11.1	3.1	49.7	2957
	06-08	99.9	95.9	78.5	58.2	42.4	28.6	18.4	9.8	2.8	48.9	2954
	09-11	98.6	78.2	50.8	31.3	18.5	9.5	4.8	2.0	.7	34.9	2949
	12-14	95.6	57.8	32.2	15.5	7.5	3.8	2.4	1.6	.5	27.1	2950
	15-17	95.6	56.6	31.5	15.7	7.7	4.5	3.2	2.0	.7	27.0	2949
	18-20	99.1	82.1	55.2	34.8	20.5	11.1	6.3	3.2	1.0	36.8	2954
	21-23	99.6	91.6	70.1	49.5	33.8	22.5	13.3	6.5	1.9	44.5	2959
	TOTALS	98.5	81.5	59.1	40.1	26.6	17.1	10.8	5.7	1.7	39.6	23634

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23109 (STATION) DAVIS MONTHAN AFB ARIZONA(TUCSON) (STATION NAME) 41-45,48-75 (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	96.9	86.9	71.0	55.4	41.2	29.3	16.5	4.7	55.7	3054
	03-05	99.9	97.4	88.7	73.7	57.8	42.3	30.4	18.4	5.4	57.0	3050
	06-08	99.9	98.0	88.6	73.1	58.6	42.8	29.2	16.9	5.0	56.9	3048
	09-11	99.7	88.8	67.5	47.7	32.9	20.2	11.9	5.0	1.5	43.1	3058
	12-14	98.2	72.5	45.3	27.8	16.1	8.7	4.7	2.6	.5	33.1	3054
	15-17	98.2	71.0	44.7	26.8	16.0	9.3	5.5	3.0	.9	33.0	3059
	18-20	99.9	91.7	70.9	50.9	34.7	22.1	12.8	6.1	2.2	44.6	3061
	21-23	99.9	96.6	83.7	65.1	48.7	36.9	23.9	11.4	2.8	52.5	3058
TOTALS		99.5	89.1	72.0	54.5	40.0	27.9	18.5	10.0	2.9	47.0	24442

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

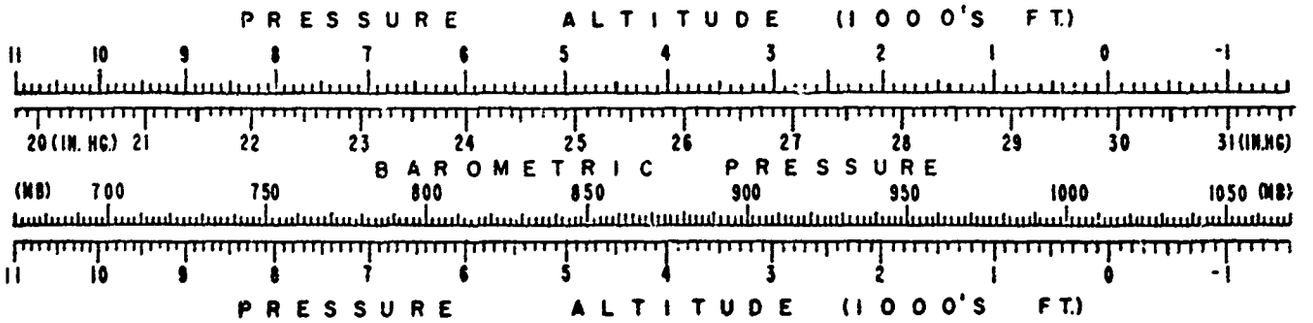
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



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74-2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATION

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
66,48-63,65-76 — YEARS

HRS. (L S.T.)		JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	27.272	27.246	27.192	27.161	27.135	27.114	27.177	27.182	27.155	27.196	27.251	27.266	27.190
	S D.	.150	.113	.107	.090	.077	.074	.069	.067	.073	.096	.105	.123	.111
	TOTAL OBS	8[illegible]	734	803	773	801	776	795	834	807	831	810	833	9658
05	MEAN	27.265	27.235	27.181	27.156	27.138	27.127	27.188	27.190	27.162	27.198	27.248	27.260	27.196
	S D.	.119	.114	.108	.093	.079	.080	.071	.071	.075	.098	.108	.125	.107
	TOTAL OBS	863	732	799	772	803	774	792	836	809	824	803	831	9638
08	MEAN	27.290	27.261	27.213	27.190	27.169	27.156	27.217	27.218	27.190	27.226	27.274	27.282	27.224
	S D.	.120	.114	.109	.093	.080	.076	.067	.067	.075	.099	.112	.125	.106
	TOTAL OBS	864	735	804	771	802	779	793	835	807	830	805	830	9655
11	MEAN	27.311	27.276	27.218	27.187	27.159	27.146	27.212	27.219	27.191	27.228	27.279	27.302	27.228
	S.D.	.116	.112	.107	.091	.080	.078	.069	.067	.076	.099	.105	.122	.109
	TOTAL OBS	859	733	799	772	799	779	791	833	806	827	802	835	9635
14	MEAN	27.243	27.214	27.165	27.138	27.112	27.096	27.156	27.163	27.131	27.163	27.217	27.234	27.170
	S.D.	.117	.111	.106	.092	.081	.076	.067	.067	.075	.097	.104	.131	.106
	TOTAL OBS	863	733	800	770	801	774	788	835	805	826	803	834	9631
17	MEAN	27.234	27.193	27.136	27.101	27.070	27.052	27.112	27.121	27.099	27.147	27.208	27.228	27.143
	S.D	.116	.110	.104	.092	.080	.078	.072	.073	.076	.099	.104	.122	.112
	TOTAL OBS	857	730	800	771	800	773	7[illegible]9	832	805	832	801	832	9623
20	MEAN	27.260	27.219	27.159	27.122	27.088	27.063	27.132	27.142	27.118	27.168	27.233	27.252	27.164
	S.D.	.116	.110	.104	.091	.079	.076	.074	.071	.078	.096	.103	.121	.113
	TOTAL OBS	857	731	799	771	803	777	791	837	807	833	805	834	9645
23	MEAN	27.281	27.245	27.192	27.161	27.135	27.115	27.184	27.187	27.156	27.203	27.258	27.276	27.200
	S.D.	.116	.111	.105	.089	.077	.078	.074	.075	.077	.098	.105	.123	.109
	TOTAL OBS	860	733	800	774	803	778	794	832	807	832	804	833	9659
ALL HOURS	MEAN	27.269	27.236	27.182	27.152	27.126	27.109	27.172	27.178	27.150	27.191	27.246	27.263	27.190
	S.D.	.124	.115	.109	.096	.085	.084	.078	.077	.082	.102	.108	.126	.113
	TOTAL OBS	6884	5061	6404	6174	6411	6210	6333	6675	6453	6635	6433	6662	7[illegible]135

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING FORMS 04473

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23109 — STATION
DAVIS MONTHAN AFB ARIZONA(TUCSON) — STATION NAME
41-46,48-76 — YEARS

HRS. (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1016.6	1015.2	1012.7	1010.7	1009.1	1007.4	1009.6	1010.0	1009.2	1011.5	1014.9	1016.3	1012.0
	S D.	4.399	4.335	3.977	3.325	2.670	2.367	2.348	2.184	2.473	3.427	3.785	4.484	4.544
	TOTAL OBS	1046	903	987	956	986	956	995	1019	982	1018	990	1019	11858
05	MEAN	1016.4	1015.0	1012.5	1010.9	1009.4	1008.0	1010.1	1010.3	1009.6	1012.0	1015.0	1016.2	1012.1
	S D.	4.435	4.355	4.045	3.367	2.726	2.420	2.260	2.141	2.455	3.451	3.812	4.531	4.417
	TOTAL OBS	1047	901	985	955	987	953	992	1021	985	1009	983	1017	11835
08	MEAN	1017.8	1016.3	1013.9	1012.0	1010.4	1009.0	1011.3	1011.6	1010.8	1013.4	1016.3	1017.6	1013.4
	S D	4.439	4.330	4.049	3.361	2.723	2.440	2.232	2.142	2.520	3.499	3.832	4.582	4.491
	TOTAL OBS	1051	904	990	955	986	955	993	1021	977	1016	984	1015	11847
11	MEAN	1018.1	1016.4	1013.7	1011.7	1009.9	1008.4	1010.8	1011.2	1010.4	1012.7	1016.0	1017.6	1013.1
	S. D.	4.329	4.268	3.966	3.358	2.763	2.454	2.254	2.141	2.575	3.458	3.794	4.446	4.618
	TOTAL OBS	1044	903	986	956	986	959	992	1020	982	1017	982	1020	11842
14	MEAN	1015.4	1013.9	1011.7	1009.9	1008.2	1006.7	1008.8	1009.7	1008.3	1010.8	1013.6	1015.0	1011.0
	S D.	4.245	4.146	3.913	3.383	2.812	2.496	2.243	2.241	2.594	3.429	3.732	4.419	4.403
	TOTAL OBS	1050	903	986	955	987	954	987	1019	981	1013	983	1019	11837
17	MEAN	1015.2	1013.4	1010.7	1008.8	1006.9	1005.3	1007.3	1007.8	1007.3	1010.1	1013.5	1015.0	1010.1
	S D.	4.259	4.097	3.867	3.377	2.838	2.736	2.469	2.343	2.667	3.468	3.744	4.349	4.756
	TOTAL OBS	1042	899	985	953	987	953	989	1016	980	1019	981	1019	11822
20	MEAN	1016.7	1014.7	1011.9	1009.6	1007.4	1005.7	1008.3	1008.8	1008.3	1011.3	1014.8	1016.4	1011.2
	S D.	4.324	4.130	3.852	3.364	2.799	2.603	2.717	2.459	2.708	3.496	3.743	4.417	4.971
	TOTAL OBS	1043	901	985	953	988	957	988	1022	981	1018	982	1020	11838
23	MEAN	1017.0	1015.2	1012.8	1010.8	1009.0	1007.3	1009.8	1010.0	1009.2	1012.0	1015.2	1016.7	1012.1
	S.D.	4.319	4.219	3.876	3.253	2.622	2.445	2.510	2.371	2.559	3.465	3.816	4.440	4.639
	TOTAL OBS	1044	903	986	954	988	956	995	1013	981	1016	986	1019	11841
ALL HOURS	MEAN	1016.7	1015.0	1012.5	1010.9	1008.8	1007.2	1009.5	1009.9	1009.1	1011.7	1014.9	1016.4	1011.9
	S D.	4.446	4.343	4.057	3.497	2.966	2.779	2.685	2.533	2.792	3.607	3.898	4.551	4.720
	TOTAL OBS	8367	7217	7890	7637	7895	7643	7931	8151	7850	8120	7871	8148	94720