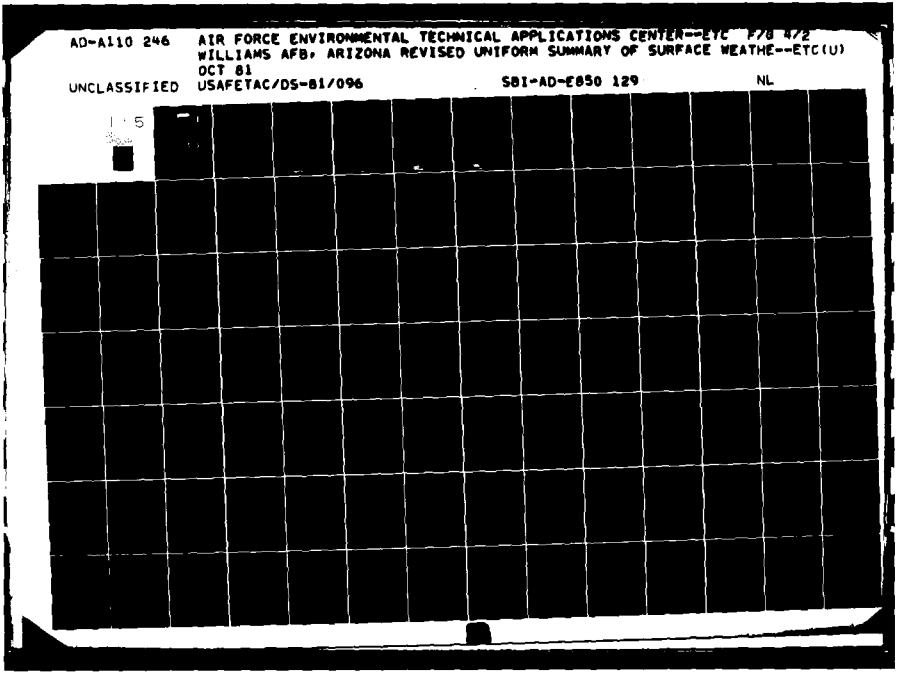
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WILLIAMS AFB, ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(U)
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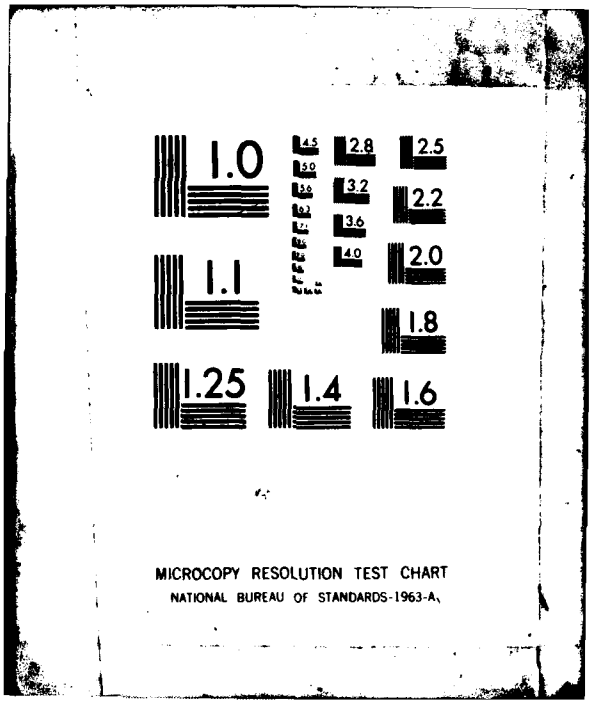
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1.1
1.25
1.4
1.6
1.8
2.0
2.2
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2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PHOTOGRAPH THIS SHEET

AD-E850129

[redacted]

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26 OCT 1981

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WILLIAMS AFB AZ WBAN #23104
N 33 18 W 111 40 FLD ELEV 1383 FT CHD WMO #

PARTS A-F
POR FROM HOURLY OBS: JUN 69 - DEC 70, JAN 73 - MAY 81

POR FROM DAILY OBS: MAR 42 - FEB 46, APR 46 - MAY 81

TIME CONVERSION GMT TO LST: -7

OCT 21 1981

FEDERAL BUILDING
ASHEVILLE, N. C.

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1. REPORT NUMBER: USAFETAC/DS-81/096	2. GOVT ACCESSION NO.: AD-A110 246
3. RECIPIENT'S CATALOG NUMBER:	
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Williams AFB, Arizona	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
	6. PERFORMING ORG. REPORT NUMBER:
7. AUTHOR(s):	8. CONTRACT OR GRANT NUMBER(s):
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS:
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12. REPORT DATE: 21 Oct 81 13. NUMBER OF PAGES: p. 400
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)	15. SECURITY CLASS. (of this report): UNCLASSIFIED 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE:

16. DISTRIBUTION STATEMENT (of this Report)

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

18. SUPPLEMENTARY NOTES

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

*RUSSWO	Daily 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 Williams AFB, 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 ★

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.

Williams AFB weather station had part time operations for a significant period of their history. Analyzing the "Station History" indicates that Williams AFB was part time through most of the hourly period of record. Generally the station was closed, for the most part, from 2300 LST to 0400 LST and therefore the hour groups which contain the hours listed will be affected and all users of this summary should be aware of the following:

a. Since the station had full time operations for a relatively short period of record (Feb 75-Aug 77), the hours 2300 LST to 0400 LST were omitted from the product since we believe that to include this data, the statistical results would have no significance due to low observation counts. Therefore the hour group 00-02 LST will not be included in the summary.

b. The hour group 03-05 LST contains only 0500 LST data.

c. The hour group 21-23 LST contains data for 2100 LST and 2200 LST only, therefore the statistics will be biased towards the hours 2100 LST and 2200 LST.

d. Means and Standard Deviations sections will be affected in the following:

1. Since the station was closed during overnight hours, temperature data will be biased towards the hours that the station was open. This is evident when comparing the RUSSWO produced 16 Jul 1975 with this product. The dry bulb temperature section in the old RUSSWO indicates a mean annual temperature of 71.0°F, while the new RUSSWO shows a dry bulb temperture of 73.1°F, an increase of 2.1°.

2. Station pressure and Sea Level Pressure are not available for the hours 0200 and 2300 LST.

The pages that should be analyzed cautiously will be stamped:

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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: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

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

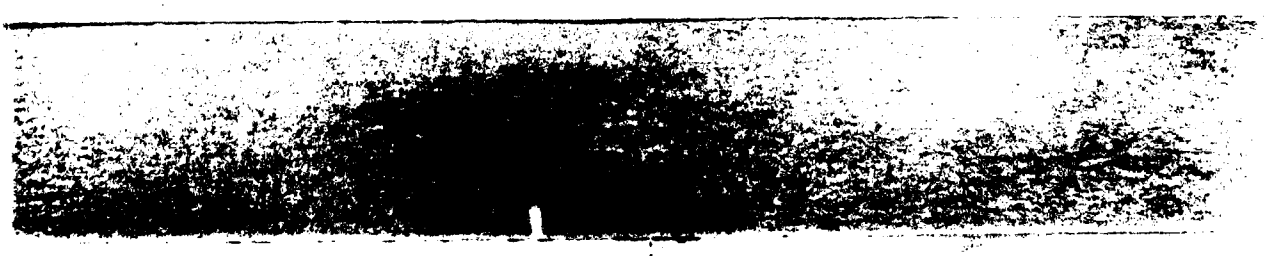
JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
23104	WILLIAMS AFB ARIZONA	N33 18	W111 40	1383	CHD	

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.	Williams Field, Chandler Arizona	AAF	Mar 42	Sep 44	N33 18	W111 40	1344	1351	24
2.	Same	Same	Oct 44	Apr 53	Same	Same	1338	Same	24
3.	Williams AFB Arizona	AFB	Apr 53	Apr 54	Same	Same	1360	Same	24
4.	Same	Same	Apr 54	Mar 59	Same	Same	1372	Same	24
5.	Same	Same	Mar 59	Dec 60	Same	Same	1385	Same	24
6.	Same	Same	Jan 61	Apr 63	Same	Same	Same	Same	14to17
7.	Same	Same	May 63	Sep 65	Same	Same	Same	Same	24
8.	Same	Same	Oct 65	Dec 70	Same	Same	Same	Same	12to18
9.	Same	Same	Jan 71	Jan 75	Same	Same	Same	Same	15to18
10.	Same	Same	Feb 75	Dec 79	Same	Same	Same	Same	17to24
11.	Same	Same	Jan 80	Aug 81	Same	Same	1383	Same	7 to20

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Mar 42	Located on Operations Building	Anemometer	ML-144	35 ft	
2.	Jul 45	Same	Selsyn	Same	25 ft	
3.	Sep 48	Not available	Same	Same	N/A	
4.	Apr 53	Located in Weather Station	Same	ML-144B	47.5ft	
5.	Apr 56	Located on top of Base Operations	Selsyn	ML-144B	65 ft	
6.	Apr 57	Located on top of Weather Station	Same	Same	40 ft	
7.	Apr 59	Same	Same	Same	35 ft	
8.	Jan 61	Located 750 ft NE from Rnwy NW-SE and 400 ft NW from Rnwy NE-SW	AN/GMQ-11	RO-2	13 ft	
9.	Apr 62	Located on SE end of NW-SE Rnwy	Same	Same	9 ft	
10.	Apr 63	Located between the Rnwys at 1/2 way point	Same	Same	8 ft	
11.	Apr 64	Same	Same	Same	13 ft	



NBER OF ATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
2.	Nov 66	Located 1/2 way between Rnwys 30L and 30R approx 1/2 way down length of Rnwys 100 yds to left of GCA	Same	Same	Same	
3.	Jan 71	Located 2000 ft NE of ROS between Rnwys 12C & 12R	AN/GMQ-20	RO-362	Same	
4.	Jan 72	Located 750 ft SW of centerline, 4000 ft from end of Rnwy 120	Same	Same	Same	
5.	Dec 79	Same	Same	Same	Same	
6.	Aug 81	Same	Same	Same	Same	

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A

PART A WEATHER CONDITIONS

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

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

2. By month, all years combined, by standard 3-hour groups.

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

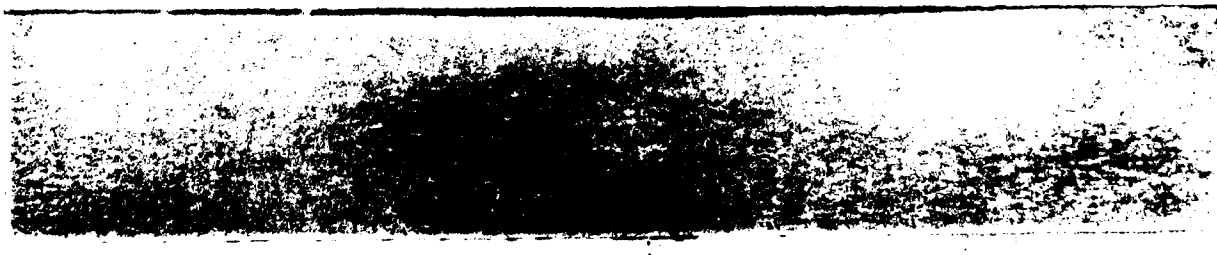
Fog - Included are fog, ice fog, and ground fog.

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

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

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

Continued on Reverse



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

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

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	WILLIAMS AFB AZ	70,73-81	JAN

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	0-[illegible]												
	3-[illegible]		4.1				4.1	2.0	.4			2.4	246
	[illegible]-8		4.5				4.5	3.2	.8			3.8	761
	9-11		4.0				4.0	3.0	1.2		.1	4.0	900
	12-[illegible]4		5.2				5.2	1.0	1.2			[illegible]	870
	15-17		3.6				3.6	.5	1.2			1.6	922
	18-2	.8	4.3				4.3	1.5	1.1			[illegible].3	653
	[illegible]1-23		1.4				1.4						761
TOTALS		.1	3.9				3.9	1.6	.8		.0	2.3	4563

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WEATHER CONDITIONS

4 (STATION) | ...ILLIAMS AFB AZ (STATION NAME) | 7...73-81 (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.
[illegible]	...0-02												
	03-...5		6.1				6.1	.4				.4	230
	06-08		3.1				3.1	1.0	.6			1.5	713
	09-11		4.[illegible]				4.0	1.2	.4		.4	2.0	820
	12-14		3.3				3.3	.4	.6		.4	1.3	722
	15-17		3.3				3.3	.4	.3		.4	1.1	758
	18-20		2.4				2.4	.2				.2	617
	21-23	.4	1.8				1.8						273
TOTALS		.1	3.4				3.4	.5	.3		.2	.5	4233

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WEATHER CONDITIONS

4	ILLIAMS AFB AZ	70,73-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02												
	03-05		3.9				3.9	.4			.8	1.2	256
	06-08	.1	4.4				4.4	.2			.5	.7	802
	09-11		3.4				3.4	.2	.1		.2	.5	930
	12-14	.2	4.4		.1	.2	4.4	.3			.1	.4	930
	15-17		3.3				3.3	.2			.1	.4	954
	18-20		4.8				4.8	.1	.4		.7	1.3	712
	21-23	.3	3.8				3.8						342
TOTALS		.1	4.3		.0	.0	4.3	.2	.1		.3	.6	4826

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WEATHER CONDITIONS

4 STATION | ILLIAMS AFB AZ STATION NAME | 70,7?-81 YEARS | AP? 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.
AP?	0-02												
	03-05		.9				.8						257
	06-08		1.0				1.0						781
	09-11		1.1				1.1						900
	12-14		1.1				1.1				.1	.1	900
	15-17	.4	2.0				2.0				.5	.5	831
	18-2	.1	2.0				2.0	.1			.7	.8	706
	21-23		1.2				1.2						346
TOTALS		.1	1.3				1.3	.0			.2	.2	4714

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WEATHER CONDITIONS

[redacted] | ILLIAMS AFB AZ | 70,73-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[redacted]AY	0-02												
	03-05		.4				.4						252
	06-08	.4	.6				.6						783
	09-11		.3				.3				.2	.2	907
	12-14	.1	.7				.7				.3	.3	907
	15-17	.7	.7				.7				.5	.5	834
	18-20	2.4	2.1				2.1				.1	.1	716
	21-23	.3	2.1				2.1						787
TOTALS		.6	1.0				1.0				.2	.2	4786

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WEATHER CONDITIONS

4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02												
	03-05												254
	06-08												773
	09-11	.3	.1				.1				.1	.1	899
	12-14	.4	.4				.4						900
	15-17	.4	.2				.2				.2	.2	829
	18-20	1.4	1.0				1.0				1.0	1.0	698
	21-23		.2				.2						401
TOTALS		.4	.3				.3				.2	.2	4754

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
-	...ILLIAMS AFB AZ	69-70,73-80	JUL

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												
	03-05	.8	1.1				1.1						261
	06-08		.6				.6						784
	09-11		.4				.4						904
	12-14	.2	.3				.3						906
	15-17	1.4	.5				.5				.8	.8	941
	18-20	4.2	3.3				3.3				2.2	2.2	718
	21-23	2.2	2.0				2.0				.5	.5	405
TOTALS		1.3	1.2				1.2				.5	.5	4819

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WEATHER CONDITIONS

4 (STATION) | ILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AU (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												
	03-05	.4	.4				.4						266
	06-08	.8	.8				.8						798
	09-11	.1											929
	12-14	.1	.4				.4						930
	15-17	.7	.7				.7				.2	.2	260
	18-20	2.6	1.7				1.7				1.7	1.7	721
	21-23	1.6	2.9				2.9				.5	.5	378
TOTALS		.9	1.0				1.0				.3	.3	4982

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

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USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

...4	...ILLIAMS AFB AZ	69-70,73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
...P	00-02												
	03-05		2.1				2.1						243
	06-08	.4	2.6				2.6	.7				.7	734
	09-11	.7	2.1				2.1	.7	.1			.8	874
	12-14	.3	1.0				1.0		.1			.1	876
	15-17	.9	1.0				1.0		.1		.9	1.0	799
	18-20	2.1	1.8				1.8				1.1	1.1	652
	21-23	.6	2.6				2.6				1.0	1.0	309
TOTALS		.7	1.9				1.9	.2	.0		.4	.7	4487

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

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USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

4 (STATION) ILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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												
	03-05		1.2				1.2						252
	06-08	.3	1.6				1.6	1.0	.7			1.4	769
	09-11	.1	2.3				2.3	.7	.4			1.0	903
	12-14	.2	1.8				1.8	.2				.2	903
	15-17	.4	1.9				1.8				.2	.2	820
	18-20	.7	1.2				1.2				.1	.1	680
	21-23		.3				.3						312
TOTALS		.2	1.5				1.5	.3	.2		.0	.4	4639

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

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ATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

4 STATION | ILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02												
	03-05		.8				.8	.3	1.2		.4	2.5	242
	06-08		2.1				2.1	1.4	1.5		.1	3.0	730
	09-11		1.8				1.8	1.1	2.2			3.3	857
	12-14		1.7				1.7	.5	2.6		.2	3.3	859
	15-17	.1	2.3				2.3	.3	2.3		.4	2.9	785
	18-20		1.5				1.5		1.9		.3	2.3	619
	21-23		.8				.8	1.2	2.4			3.6	247
TOTALS		.0	1.6				1.6	.8	2.0		.2	3.0	4339

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

4 STATION | ILLIAMS AFB AZ STATION NAME | 69-70,73-80 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	0-02												
	3-05		1.8				1.8	1.4	.5			1.8	717
	6-08	.1	3.6				3.6	3.6	.7		.1	4.5	693
	9-11	.1	2.9				2.9	2.5	2.4		.2	4.9	851
	12-14		2.3				2.3	1.6	2.9			4.2	853
	15-17		2.4				2.4	.4	2.4			2.8	737
	18-20		1.4				1.4	.6	1.4			2.0	498
	21-23		.9				.9	.9	.5			1.4	221
TOTALS		.0	2.2				2.2	1.6	1.5		.0	3.1	4770

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

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...F, TAC
... WEATHER SERVICE/MAC

WEATHER CONDITIONS

4	WILLIAMS AFB AZ	69-72,73-81	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	.1	3.9				3.9	1.6	.8		.0	2.3	4563
FEB		.1	3.4				3.4	.5	.3		.2	.9	4233
MAR		.1	4.0		.0	.0	4.0	.2	.1		.3	.6	4826
APR		.1	1.3				1.3	.0			.2	.2	4714
MAY		.6	1.0				1.0				.2	.2	4786
JUN		.4	.3				.3				.2	.2	4754
JUL		1.3	1.2				1.2				.5	.5	4819
AUG		.9	1.0				1.0				.3	.3	4882
SEP		.7	1.9				1.9	.2	.0		.4	.7	4467
OCT		.2	1.5				1.5	.3	.2		.0	.4	4639
NOV		.0	1.6				1.6	.8	2.0		.2	3.0	4339
DEC		.0	2.2				2.2	1.6	1.5		.0	3.1	4370
TOTALS		.4	1.9		.0	.0	1.9	.4	.4		.2	1.0	55112

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

2 [illegible]4 (STATION) WILLIAMS AFB AZ (STATION NAME) 46-81 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	16.9		.1	.2	15.5	5.1	2.4			6.8	1006
FEB		1.7	15.1			.7	13.7	2.0	.5		.1	2.6	918
MAR		2.0	15.1		.2	.3	13.7	1.6	.3		.1	2.0	1022
APR		2.0	10.6			.3	9.6	.6	.3		.2	1.0	989
MAY		3.1	7.2			.2	6.7		.1		.3	.4	1010
JUN		4.1	6.4			.2	6.1				.8	.8	963
JUL		16.9	24.0			.1	22.5	.2	.1		1.1	1.4	979
AUG		15.6	22.2				20.8	.6	.1		2.0	2.6	995
SEP		8.7	13.8			.3	12.9	.8	.4		1.4	2.6	944
OCT		3.7	12.4			.2	11.6	1.4	.9		.4	2.6	979
NOV		1.2	10.3				9.6	2.4	2.1			4.1	943
DEC		1.2	13.5		.1	.4	12.6	3.7	2.8			5.8	954
TOTALS		5.1	14.0		.0	.2	12.9	1.5	.8		.5	2.7	11691

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

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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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

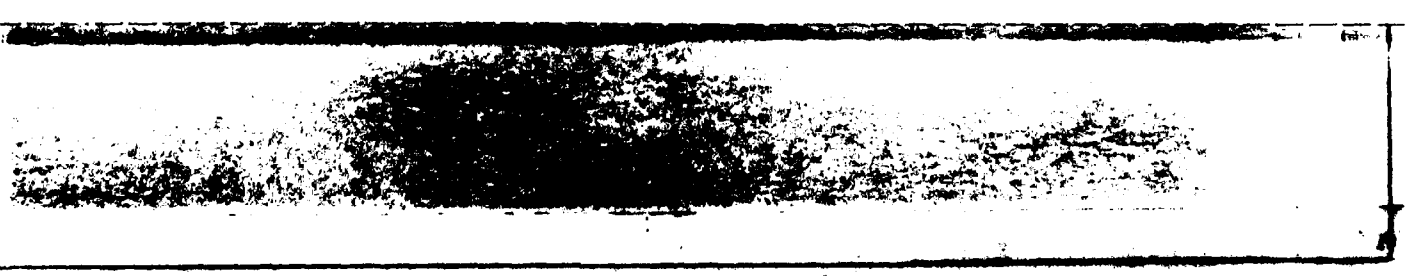
DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

23104 WILLIAMS AFB AZ 42-81
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					
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	73.9	7.2	1.2	3.5	1.5	3.6	2.5	1.5	.1					13.9	1020	.77	3.01	.00
FEB	80.8	6.6	.7	2.9	2.4	3.0	2.0	1.3	.2					12.6	889	.65	3.16	TRACE
MAR	82.1	6.0	.9	1.6	2.4	3.1	2.3	1.2	.3					11.8	996	.85	2.76	.00
APR	87.8	5.0	1.6	1.4	1.3	1.2	1.2	.3	.1					7.2	992	.33	1.50	.00
MAY	92.3	4.7	.4	1.1	.4	.6	.5	.1						3.0	1079	.11	.72	.00
JUN	93.9	3.6	.6	.8	.1	.6	.4							2.4	1023	.08	.67	.00
JUL	71.6	15.5	1.5	3.8	2.4	2.6	1.5	1.0	.2					12.9	1051	.75	2.87	.03
AUG	72.2	11.8	1.7	4.9	1.9	3.2	2.4	1.1	.8	.1				16.1	1063	1.20	5.05	TRACE
SEP	83.9	6.8	.7	2.1	1.3	2.7	.7	1.2	.7					9.3	1013	.82	3.19	.00
OCT	84.4	6.4	.4	2.2	1.3	2.8	1.2	1.3	.1					9.2	1014	.49	3.78	.00
NOV	87.2	4.8	.7	1.9	.9	1.5	1.7	.9	.3					8.0	984	.47	3.26	.00
DEC	83.6	4.3	1.5	2.7	2.0	2.6	2.1	1.0	.3					12.1	1012	.63	4.34	.00
ANNUAL	83.2	6.9	1.0	2.4	1.5	2.3	1.5	.9	.3	.0				9.9	12136	7.15		

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 42-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			*TRACE	1.18	.00	.00	.43	1.18	.21	.18	.00	.14	
43	.44	.10	.43	TRACE	TRACE	TRACE	.16	.49	1.10	.13	.00	.54	1.10
44	.28	.56	.40	.39	.65	.00	.24	.16	.65	.14	.43	.55	.65
45	.51	.08	.45	TRACE	.00	.01	.10	.28	TRACE	.53	.00	.36	.53
46	.45*	.08		.02	.00	.00	.30	.31	1.74	.26	1.10	.53	
47	TRACE	.49	TRACE	TRACE	.16	.00	.02	1.78	.97	.22	.15	.20	1.78
48	.00	.70	.08	.00	.00	TRACE	.55	.35	TRACE	.14	.00	.45	.70
49	.42	.02	.26	.29	TRACE	.40	.26	1.07	.35	.08	.34	.65	1.07
50	.27	.46	.07	.00	.02	TRACE	.39	.66	.21	.00	TRACE	TRACE	.66
51	1.14	.11	.33	.50	.04	.00	1.40	2.64	.12	.10	.52	.21	2.64
52	.65	.33	.38	.60	TRACE	.18	.20	.07	.70	.00	1.39	.33	1.39
53	.22	.41	.37	.02	TRACE	TRACE	1.75	.07	.00	TRACE	.19	.16	1.75
54	.35	.53	1.03	.07	.17	.01	.60	.62	1.47	.03	TRACE	.03	1.47
55	.69	.09	TRACE	TRACE	TRACE	.24	.88	1.36	.01	.03	.04	.31	1.36
56	.73	.22	.00	.07	TRACE	TRACE	.38	TRACE	TRACE	.12	.00	.02	.73
57	.47	.25	.29	.14	.22	.34	.37	.43	TRACE	.95	.03	.31	.95
58	TRACE	.93	.40	.22	TRACE	.15	.12	.14	1.60	.15	.21	.00	1.60
59	.22	.65	TRACE	.09	TRACE	.02	.20	1.19	.18	.83	.17	1.17	1.19
60	.94	.06	.22	TRACE	TRACE	TRACE	.67	.40	.17	.36	TRACE	.07	.94
61	* .00												
62													
63					TRACE	.00	.05	.41	.12	.63	.62	.06	
64	.28	TRACE	.20	TRACE	TRACE	.00	.97	.30	1.22	.38	.65*	.43	1.22
65	.47	.91	.46	.53	.22	.21	.09	.88*	.12	*	.22*	.34	
66	* .04*	.19*	.04		*	.03*	.09*	.03*	.71*	TRACE*	TRACE*	.02	
67	* .16	*	.57*	TRACE*	TRACE*	*	.04*	.04*	.02*	.07*	.03*	.44	
68	* .14*	.34*	TRACE*	TRACE*	TRACE*	*	.05*	.15	*	.20*	.59*	.01	
69	* .59			*	.48	.00*	.14	.30*	.38	.13*	.34*	.26	
70	*TRACE*	.22	1.03	.05*	.00	.13*	.14	.17*	1.76	.56*	.04*	.19	* 1.76
71	* .15*	.13	TRACE	.30	*TRACE	.00*	.19	1.34*	.88*	.52*	.03*	.14	1.34
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 1 4 — WILLIAMS AFB AZ — 42-81

STATION — STATION NAME — YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* .00	*TRACE	.00	.00	* .02	.08	* .29	.75	* .12	* 1.35	* .56	* .70	* 1.35
73	* .18	* .61	.52	.02	* .01	.05	* .18	.14	* .00	* .00	* .39	* .00	* .61
74	* .64	*TRACE	.73	TRACE	*TRACE	.00	* .95	.04	* .14	* .39	.05	* .32	* .95
75	* .03	.88	.59	.31	TRACE	.00	.88	.05	.60	.05	* 1.06	.46	* 1.06
76	.03	.78	.26	.92	.35	.22	.39	.78	.56	.32	.31	.66	.92
77	.26	TRACE	.18	.01	.15	.02	.06	.37	* .64	* .32	* .15	* .69	* .69
78	* .64	* 1.53	1.02	.47	* .04	.27	* .95	.17	* .01	* .38	* .67	* 2.36	* 2.36
79	* .61	* .15	.88	.13	* .34	.01	* .12	1.12	* .02	* .13	* .42	* .13	1.12
80	* .43	* .50	.61	.23	* .26	TRACE	* .36	.07	* .26	* .18	* .00	* .13	.61
81	* .61	* 1.19	.77	.27	* .08								
MEAN	.401	.389	.386	.207	.079	.069	.458	.591	.521	.253	.270	.328	1.191
S.D.	.298	.319	.321	.284	.153	.113	.433	.588	.565	.261	.374	.286	.529
TOTAL OBS	1020	889	996	992	1079	1023	1051	1063	1013	1014	984	1012	12136

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 104 WILLIAMS AFB AZ 42-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			*TRACE	1.29	.00	.00	1.11	1.94	.43	.31	.00	.23	
43	.71	.10	.51	TRACE	TRACE	TRACE	.16	1.08	2.06	.14	.00	1.03	5.79
44	.28	1.71	1.12	.51	.68	.00	.46	.30	.65	.26	.96	.60	7.53
45	.87	.19	1.03	TRACE	.00	.01	.19	.58	TRACE	.58	.00	.56	4.01
46	.88*	.12		.05	.00	.00	.48	1.15	3.19	.39	1.56	.59	
47	TRACE	.77	TRACE	TRACE	.16	.00	.03	4.11	1.00	.38	.33	.68	7.46
48	.00	1.36	.12	.00	.00	TRACE	.55	.65	TRACE	.14	.00	.66	3.48
49	1.18	.05	.34	.29	TRACE	.67	.33	1.07	.62	.14	.64	1.48	6.81
50	.60	.88	.13	.00	.02	TRACE	.51	.66	.71	.00	TRACE	TRACE	3.51
51	1.62	.13	.41	1.50	.04	.00	1.51	5.05	.12	.16	.63	.65	11.82
52	.90	.37	1.35	1.19	TRACE	.18	.44	.16	.70	.00	3.26	.60	9.15
53	.30	.53	.54	.03	TRACE	TRACE	2.20	.21	.00	TRACE	.19	.16	4.16
54	.77	.97	1.47	.07	.17	.02	1.09	1.70	2.12	.03	TRACE	.05	8.46
55	2.28	.10	TRACE	TRACE	TRACE	.27	2.87	2.95	.01	.05	.08	.32	8.93
56	1.08	.75	.00	.14	TRACE	TRACE	.51	TRACE	TRACE	.28	.00	.02	2.78
57	1.72	.36	.68	.15	.48	.34	.80	.58	TRACE	3.78	.04	.42	9.35
58	TRACE	1.16	1.37	.67	TRACE	.18	.17	.30	3.10	.19	.26	.00	7.40
59	.24	1.05	TRACE	.09	TRACE	.02	.37	2.73	.20	1.76	.24	4.34	11.04
60	1.67	.13	.22	TRACE	TRACE	TRACE	1.02	.92	.17	1.08	TRACE	.10	5.31
61	* .00												
62													
63					TRACE	.00	.05	1.32	.15	.76	1.46	.06	
64	.33	TRACE	.43	TRACE	TRACE	.00	1.55	1.32	1.64	.57	.80*	.73	* 7.37
65	1.04	1.11	.89	1.18	.22	.21	.16	.90*	.32	*	.35*	1.16	
66	* .08*	.36*	.04		*	.04*	.09*	.03*	.75*	TRACE*	TRACE*	.03	
67	* .16	*	.57*	TRACE*	TRACE	*	.04*	.04*	.02*	.07*	.03*	1.21	
68	* .14*	.45*	TRACE*	TRACE*	TRACE	*	.08*	.15	*	.20*	1.00*	.01	
69	* 1.49			*	.53	.00*	.44	.76*	1.17	.23*	.75*	.59	
70	*TRACE*	.26	2.60	.06*	.00	.13*	.30	.19*	2.76	.61*	.04*	.31	* 7.26
71	* .15*	.24	TRACE	.30*	TRACE	.00*	.52	4.15*	2.06*	1.41*	.03*	.34	* 9.20
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 124 WILLIAMS AFB AZ 42-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* .00	* TRACE	.00	.00	* .02	.13	* .33	1.61	* .22	* 3.57	* .99	* 1.40	* 8.27
73	* .34	* 2.30	2.76	.02	* .01	.05	* .23	.18	* .00	* .00	* .81	* .00	* 6.70
74	* 1.25	* TRACE	1.50	TRACE	* TRACE	.00	* 2.11	.05	* .34	* 1.27	.05	* .53	* 7.10
75	* .03	1.37	1.59	.96	TRACE	.00	1.58	.08	.63	.08	* 1.39	.62	* 8.33
76	.03	1.23	.26	1.24	.72	.22	.43	1.74	1.35	.40	.33	.69	8.64
77	.40	TRACE	.53	.01	.19	.02	.07	.41	* 1.00	* .58	* .20	* .88	* 4.29
78	* 3.01	* 3.16	2.27	.57	* .04	.28	* .96	.40	* .01	* 1.10	* 1.88	* 3.91	*17.59
79	* 2.56	* .26	1.90	.13	* .51	.01	* .21	1.31	* .02	* .13	* .45	* .18	* 7.67
80	* 1.83	* 2.13	.99	.25	* .30	TRACE	* .51	.11	* .49	* .18	* .00	* .14	* 6.93
81	* .65	* 1.29	1.23	.30	* .17								
MEAN	.768	.651	.846	.333	.107	.081	.746	1.196	.820	.493	.471	.630	6.979
S.D.	.637	.536	.797	.456	.210	.145	.721	1.263	.979	.790	.764	.907	2.686
TOTAL OBS	1020	889	996	992	1079	1023	1051	1063	1013	1014	984	1012	12136

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL

(FROM DAILY OBSERVATIONS)

23104 — STATION
WILLIAMS AFB AZ — STATION NAME
46-81 — YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														926	.0	.0	.0
FEB	100.0														798	.0	.0	.0
MAR	99.8	.1	.1											.1	868	TRACE	.2	.0
APR	100.0														870	.0	.0	.0
MAY	100.0														951	.0	.0	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														920	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														890	.0	.0	.0
OCT	100.0														886	.0	.0	.0
NOV	100.0														855	.0	.0	.0
DEC	100.0														885	.0	.0	.0
ANNUAL	100.0	.0	.0											.0	10679	.0		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

2[illegible]04 STATION — WILLIAMS AFB AZ STATION NAME — 46-81 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0*	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.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												
62													
63					.0	.0	.0	.0	.0	.0	.0	.0	
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0				
66													
67													
68												* .0	
69	* .0				*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	
70	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0	* .0
71	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0	* .0
72	* .0*	.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	* .0
74	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0	.0*	.0	* .0	
75	* .0	.0	.2	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.2	
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

2 1?4 WILLIAMS AFB AZ 46-81
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
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	* .0
78	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0	* .0
79	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0	* .0
80	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0	* .0
81	* .0*	.0	.0	.0*	.0								
MEAN	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE
S D	.000	.000	.037	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	926	798	868	870	951	900	920	930	890	886	855	885	10679

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2 104 WILLIAMS AFB AZ 46-81
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*	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.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												
62													
63					.0	.0	.0	.0	.0	.0	.0	.0	
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* .0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0				
66													
67													
68												* .0	
69	* .0				*	.0	.0*	.0	.0*	.0	.0*	.0* .0	
70	* .0*	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0* .0	* .0
71	* .0*	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0* .0	* .0
72	* .0*	.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	* .0
74	* .0*	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0	.0* .0	* .0
75	* .0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0*	.0 .0	* .2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2 1 4 — WILLIAMS AFB AZ — 46-81

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
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	* .0
78	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0	* .0
79	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0	* .0
80	* .0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.0	* .0
81	* .0*	.0	.0	.0*	.0								
MEAN	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE
S.D.	.000	.000	.037	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	926	798	868	870	951	900	920	930	890	886	855	885	10679

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

2:104 — STATION
WILLIAMS AFB AZ — STATION NAME
42-81 — 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	100.0														1176			
FEB	100.0														1052			
MAR	100.0														1194			
APR	100.0														1179			
MAY	100.0														1217			
JUN	100.0														1159			
JUL	100.0														1184			
AUG	100.0														1202			
SEP	100.0														1145			
OCT	100.0														1188			
NOV	100.0														1135			
DEC	100.0														1149			
ANNUAL	100.0														13980			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

2 104 WILLIAMS AFB AZ 42-81
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
42			0	0	0	0	0	0	0	0	0	0	
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0*	0		0	0	0	0	0	0	0	0	0	
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	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
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	* 0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	* 0
62	* 0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	* 0
63	* 0*	0*	0*	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0*	0	* 0
65	0	0	0	0	0	0	0	0	0	0*	0*	0	* 0
66	* 0*	0	0	0*	0	0*	0	0*	0	0*	0*	0	* 0
67	* 0*	0	0	0*	0	0*	0	0*	0	0*	0*	0	* 0
68	* 0*	0	0	0*	0	0*	0	0*	0	0*	0*	0	* 0
69	* 0*	0	0*	0*	0	0*	0	0*	0	0*	0*	0	* 0
70	* 0*	0	0	0*	0	0*	0	0*	0	0*	0*	0	* 0
71	* 0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0	* 0
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

2 104 WILLIAMS AFB AZ 42-81
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	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	* 0	* 0	* 0	* 0	* 0
78	* 0	* 0	0	0	* 0	0	* 0	0	* 0	* 0	* 0	* 0	* 0
79	* 0	* 0	0	0	* 0	0	* 0	0	* 0	* 0	* 0	* 0	* 0
80	* 0	* 0	0	0	* 0	0	* 0	0	* 0	* 0	* 0	* 0	* 0
81	*	* 0	0	0	* 0	0							
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	1176	1052	1194	1179	1217	1159	1184	1202	1145	1188	1135	1149	13980

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

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.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

2 1 4 — WILLIAMS AFB AZ — 46-81

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	ESE 32	NW *36		SE 42	W *29			ENE*64		SSW*19		NE 24	
47	NW 30	WSW 31	S 26	SW 30	ESE 42	SE 30	SSE 40	N 42	SW 36	S 23	S 24	SSE 35	ESE 42
48	SW 24	NNW 36	W 29	WNW 34	SW 22	E 41	SSE 47	ENE 49	SSE 42	ESE 32	NNE 26	NW *27	ENE 49
49	SW *34	SW 19	WSW 46	ENE 31	W 36	NE 37	E 35	SE 35	SSW 45	SSW 31	NW 23	S 33	WSW 46
50	WSW*25	ESE 23	WNW*35	WNW 20	SSW 27	SE 27	ENE 35	E *36	NNE*38	SE *26	NNE*31	W 23	NNE*38
51	WNW*26	ESE 26	SW 31	W 35	W 28	W 23	SW 34	E 35	SE 17	SW 26	E 28	S 31	W 35
52	W 40	W 24	SW 32	SW 42	NNW 28	S 31	SE 45	NE 38	SSE 37	SSW 11	S 27	S 22	SE 45
53	NW 29	W 32	SW 28	SSW 34	WNW 29	SW 30	SSE 40	E 42	SSE 33	SSE 36	ESE 39	WNW 51	WNW 51
54	ESE 30	E 28	SSW 40	SSW 38	S 44	SE 37	SSE 54	SE 51	SSE 45	SE 31	SSW 33	W 33	SSE 54
55	ESE 31	WNW 40	W 36	W 40	SSW 33	SE 29	SE 54	E 50	SSE 34	NE 29	NNE 31	WNW 35	SE 54
56	NNW 30	WNW 32	WNW 40	SSE 39	SSW 30	S 29	ESE 40	ESE 40	WSW 34	SSE 33	NW 26	ENE 26	WNW 40
57	SSE 25	SE 38	SE 38	N 31	SE 39	SE 38	SE 50	S 34	SE *23	ESE 30	ENE*29	ESE 20	SE 50
58	WNW 28	NW 35	SSW 32	SSE 37	NNE 35	WNW 27	ESE 23	SSE 50	W 64	E 25	SSE 30	NE 16	W 64
59	WNW 24	SW 41	ESE 30	N 34	NNE 33	S 32	NNW 51	E 50	ESE 20	NE 33	ESE 23	SE 36	NNW 51
60	NW 20	W 32	SSW 24	S 35	WSW 27	ENE 30	E 43	SSE 51	W 37	WNW 30	WSW 32	ENE 23	SSE 51
61	NE *18	N *27	SW *29										
62													
63					ESE 25	SW 33	NE 35	ENE 42	N 44	WSW 33	SW 28	SSW 25	
64	SSE 28	N 31	S 35	SSE 34	WNW 29	E 44	NE 39	N 40	SE 41	S 33	WSW 32	WSW*31	E 44
65	WNW 32	SW 38	SSW 35	SW *37	SW 35	SSW 43	NNE 39	S 33	S 34	SSW*27	WNW*22	SE *30	SSW 43
66	E *28	SW 27	W 34	SW 40	SSW 30	SSW 27	E *29	S 49	NNW 43	W 28	S 30	S *25	S 49
67	S *27	NNE 30	NW 29	S 33	S 33	S 31	SE *46	E 48	SE 31	ENE 32	SSW 38	S *40	E 48
68	NNE 32	ESE 21	NW 27	SE 31	SSW 29	SSW 35	7/ 37	4/ 57	20/ 35	24/ 40	24* 31	28/ 30	4/ 57
69	30/ 35	27/ 42	21/ 41	21/ 34	19/ 36	20/ 34	21/ 37	9/ 38	30/ 54	15* 27	19* 36	2* 12	30/ 54
70	1/ 31	8/ 41	19/ 39	29/ 36	12/ 33	4/ 46	26/ 58	6/ 71	16/ 47	10/ 46	9/ 29	19/ 30	6/ 71
71	25/ 25	29/ 46	29/ 38	22/ 33	3/ 44	22/ 25	15/ 47	11/ 61	14/ 60	23/ 38	11/ 24	24* 28	11/ 61
72	30/ 24	36/ 22	25/ 21	29/ 31	36/ 26	16/ 31	34/ 37	6/ 49	15/ 29	17/ 28	28/ 33	20* 38	6/ 49
73	24/ 28	20/ 28	22/ 32	28/ 34	36/ 32	36/ 30	9/ 34	22/ 33	27/ 20	18/ 25	27/ 20	9* 20	28/ 34
74	19/ 37	32/ 37	20/ 23	29/ 28	20/ 33	20/ 24	22/ 47	13/ 28	12/ 37	15/ 22	24/ 20	34* 18	22/ 47
75	7/ 26	28/ 32	29/ 33	33/ 30	22/ 37	22/ 28	22/ 38	11/ 34	33/ 34	12/ 39	19/ 37	27/ 25	12/ 39
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

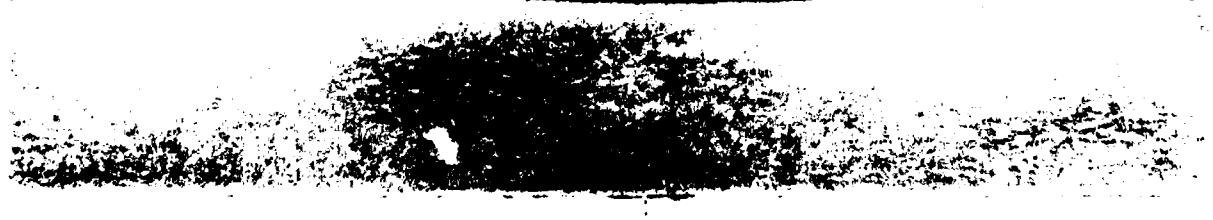
2 174 WILLIAMS AFB AZ 46-81
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	36/ 31	20/ 30	26/ 38	19/ 43	17/ 48	12/ 42	4/ 42	7/ 45	3/ 38	15/ 34	8/ 24	9/ 23	17/ 48
77	26/ 25	29/ 30	29/ 34	21/ 31	18/ 36	27/ 50	12/ 36	29/ 40	10/ 34	19/ 27	33/ 24	8* 26	27/ 50
78	29/ 35	21/ 31	19/ 33	20/ 29	24/ 40	11/ 39	15/ 70	33/ 53	20/ 25	21/ 37	17/ 32	31* 24	15/ 70
79	31/ 34	17/ 28	25/ 38	1/ 40	20/ 37	13/ 33	14/ 32	18/ 37	33/ 48	1/ 35	22/ 30	8* 22	33/ 48
80	18/ 37	20/ 40	32/ 40	29/ 42	20/ 38	13/ 74	12/ 43	3/ 42	6/ 41	23/ 38	30/ 30	8/ 25	13/ 74
81	10/ 23	18/ 31	21/ 43	21* 40	17/ 45								
MEAN	29.5	31.9	33.7	34.5	33.9	34.7	42.1	44.1	38.0	31.2	28.6	28.3	52.6
S.D.	4.842	6.643	6.062	5.045	6.287	9.790	9.195	9.329	10.666	6.689	5.062	7.685	11.080
TOTAL OBS	996	923	1007	980	1010	950	974	989	925	955	914	943	11566

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) $ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 124 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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	1.3											1.3	2.3
NNE	.4	.9		.4	.4							2.1	9.2
NE	2.6	2.1	.4									5.1	3.6
ENE	3.0	3.4	.4									6.8	3.8
E	9.8	24.3	1.7									35.7	4.3
ESE	5.5	7.2	2.6									15.3	4.4
SE	2.6	3.0	.9									6.4	4.2
SSE	.9	2.1										3.0	3.9
S	.4	1.3	.4									2.1	4.6
SSW		.4										.4	4.0
SW	.9	.4										1.3	2.7
WSW			.4									.4	10.0
W	.4	.4										.9	4.0
WNW													
NW	.4											.4	3.0
NNW			.4									.4	7.0
VARBL													
CALM												18.3	
	28.1	45.5	7.2	.4	.4							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 235

GL..AL CLIMATOLOGY BRANCH
..SAFETAC
A.. ..EATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 STATION — ..ILLIAMS AFB AZ STATION NAME — 70,73-81 YEARS — JAN MONTH

ALL WEATHER CLASS — 0600-1800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5											.5	2.3
NNE	.5	.7	.9									2.1	5.9
NE	1.6	1.7	.1									3.4	3.5
ENE	3.5	3.5	.4									7.5	3.6
E	1..2	18.8	2.9	.1								32.1	4.2
ESE	6.4	9.2	3.5									19.2	4.6
SE	3.2	3.8	.8	.1								7.9	4.1
SSE	1.8	.7	.1									2.6	3.2
S	1.1	.1										1.2	2.6
SSW		.9										.9	4.4
SW	.1	.5	.4									1.1	6.1
WSW	.4											.4	2.3
W	.3	.3	.1	.1								.9	5.3
WNW	.3	.5	.3	.1								1.2	5.8
NW		.1	.1									.3	6.5
NNW	.5		.1									.7	3.2
VARBL													
CALM												18.3	
	37.5	40.9	9.9	.5								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 761

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] WILLIAMS AFB AZ 73-81 JAN
STATION STATION NAME YEARS MONTH

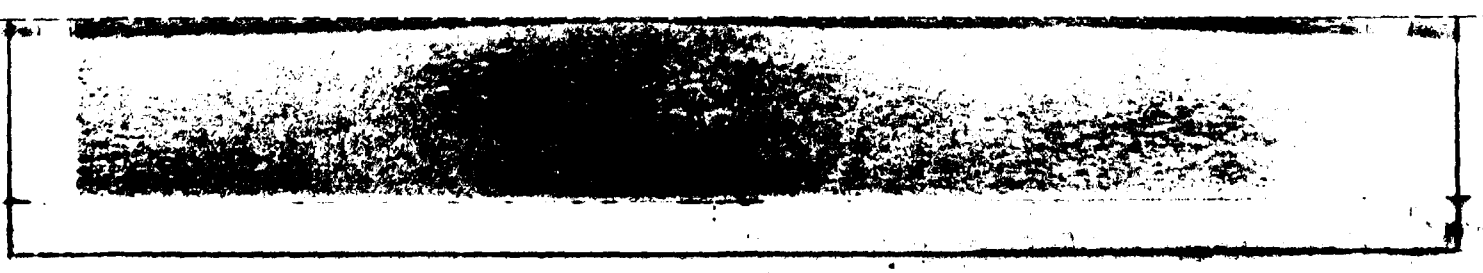
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.2									1.1	4.7
NNE	.4	.2	.7	.6								1.9	7.6
NE	.9	.9	.3	.3								2.4	5.4
ENE	1.6	1.1	.6	.1								3.3	4.4
E	5.9	5.4	1.8	.4								13.6	4.3
ESE	4.6	7.2	3.4	.7	.1							16.0	5.3
SE	4.0	4.9	3.2									11.2	4.9
SSE	1.4	2.9	.6	.2								5.1	4.8
S	2.1	1.7	.1	.3	.1							4.3	4.6
SSW	1.8	.4	.6									2.8	3.6
SW	.8	.8	.3	.1								2.0	4.4
WSW	.3	.4	.3									1.1	4.8
W	1.2	1.2	.3	.1								2.9	4.3
WNW	.9	.6	.3									1.8	4.1
NW	.8	.3	.1	.2								1.4	4.5
NNW	.2	.2										.4	3.5
VARBL													
CALM												27.9	
	27.3	28.8	12.7	3.1	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 70-73-81 (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	1.7	1.2	.6	.2	.1							3.8	4.8
NNE	.4	1.0	.4	.2	.1							2.2	6.4
NE	.6	.3	1.1	.3								2.3	7.0
ENE	.4	.4	.4	.2								1.6	6.2
E	1.3	1.1	1.2	1.4		.1						5.2	7.7
ESE	.3	1.3	1.6	.7	.3							4.2	8.4
SE	1.2	2.2	1.3	.4								5.2	6.1
SSE	2.0	1.2	1.2	.1								4.6	4.7
S	1.7	1.7	1.2	.3	.1							5.0	5.6
SSW	2.4	1.8	.2	.6								5.0	4.5
SW	1.6	.7	.3	.1								2.7	4.4
WSW	2.9	2.3	.9	.2	.1							6.4	4.6
W	3.6	5.0	2.0	.3								10.9	4.9
WNW	3.7	3.2	.6	.3								7.8	4.1
NW	2.7	1.9	.8	.4	.1							5.9	4.9
NNW	1.4	.9	.2									2.6	3.8
VARBL													
CALM												24.7	
	27.9	26.3	14.1	6.0	.9	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (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	1.7	2.3	1.3	.2								5.6	5.3
NNE	.2	.6	1.2									2.1	6.4
NE	.2	.5	.7									1.5	5.7
ENE	.4	.4	.6	.6								1.9	8.0
E	.7	.9	2.4	.5	.1							4.6	7.5
ESE	.1	1.0	1.6	.5	.1	.1						3.4	8.6
SE	.7	1.0	.6	.1		.1						2.6	6.4
SSE	.5	.7	.5	.1								1.8	5.6
S	1.5	1.5	.4									3.3	4.1
SSW	1.0	.6	.2	.5								2.3	5.9
SW	1.8	1.2	.6	.1	.1							3.9	5.5
WSW	2.6	2.8	1.2	.5								7.1	4.9
W	5.7	9.4	2.9	1.1								19.1	5.1
WNW	2.2	4.6	3.2	.7	.1							10.8	5.9
NW	2.8	3.2	1.2	.7								7.9	5.1
NNW	1.8	2.6	1.9	.4								6.7	5.4
VARBL													
CALM												15.5	
	24.0	33.1	20.7	6.1	.5	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 73-81 (YEARS) JAN (MONTH)

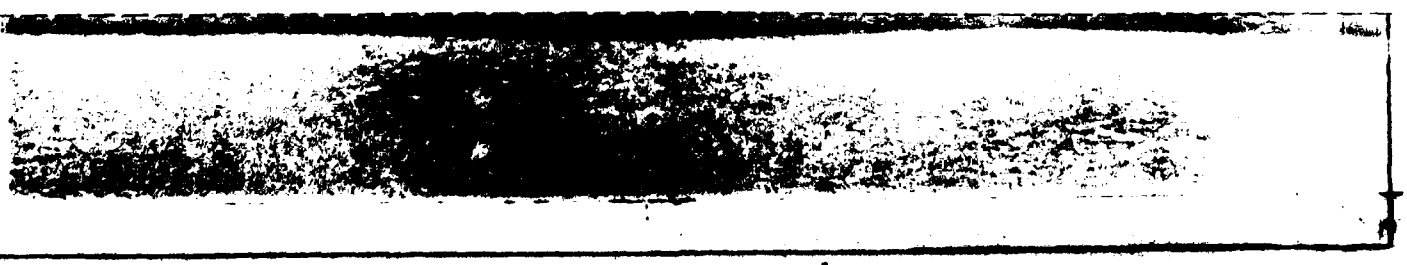
ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.1	.2		.2							5.2	3.7
NNE	1.1	1.7	.2	.2								3.1	4.6
NE	2.6	2.5	.2									4.7	3.3
ENE	2.5	1.5	.3	.2								4.4	3.8
E	3.8	2.1	.8									6.7	3.8
ESE	1.4	1.4	.3	.2								3.2	4.5
SE	.9	.9	.8									2.6	4.9
SSE	.8	.5	.2									1.4	3.6
S	1.7	1.2				.2						3.1	4.4
SSW	1.1	.5	.3									1.8	3.6
SW	1.1	.9	.2									2.1	3.7
WSW	1.7	1.8	.6									4.1	4.2
W	5.5	3.5	.6	.2								9.8	3.7
WNW	2.5	2.9	1.1		.2							6.6	4.6
NW	2.8	1.8										4.6	3.2
NNW	1.8	2.5	.3									4.6	3.9
VARBL													
CALM												31.9	
	33.8	27.4	5.8	.6	.3	.2						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 653

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 [illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
JA[illegible] — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7		.4									1.1	4.0
NNE	1.8	.4	.7									2.8	4.1
NE	1.1	1.5										2.8	3.8
ENE	3.6	5.0	.4									8.9	3.9
E	9.3	14.2	.7	.4								24.6	3.8
ESE	6.8	9.3	1.4									17.4	4.1
SE	2.5	3.6	.7									6.8	4.3
SSE	1.1	1.4										3.6	2.9
S	.4	.4										.7	3.0
SSW	.4	1.1	.4									1.8	5.0
SW		.7	.4									1.1	5.7
WSW		.7										.7	5.0
W	.7	.4										1.1	2.3
WNW	.4	.4	.4									1.1	5.3
NW	1.1	.4										1.4	2.8
NNW	1.1		.4									1.4	3.6
VARBL													
CALM												22.8	
	31.7	39.5	5.7	.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 281

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 STATION | WILLIAMS AFB AZ STATION NAME | 70.73-81 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	1.3	1.1	.4	.1	.0							2.9	4.5
NNE	.6	.8	.7	.2	.0							2.3	6.1
NE	1.2	1.1	.5	.1								2.9	4.6
ENE	1.8	1.7	.5	.2								4.1	4.4
E	4.9	7.0	1.8	.5	.0	.0						14.2	4.6
ESE	3.0	4.5	2.1	.4	.1	.0						10.1	5.3
SE	2.1	2.7	1.3	.1		.0						6.3	5.0
SSE	1.4	1.3	.5	.1								3.3	4.4
S	1.5	1.2	.4	.1	.0	.0						3.2	4.7
SSW	1.2	.9	.3	.2								2.5	4.4
SW	1.0	.8	.4	.1	.0							2.2	4.6
WSW	1.4	1.4	.6	.1	.0							3.5	4.7
W	2.9	3.5	1.1	.3								7.8	4.7
WNW	1.7	2.1	1.0	.2	.0							5.1	5.0
NW	1.7	1.3	.4	.3	.0							3.7	4.6
NNW	1.1	1.0	.5	.1								2.7	4.5
VARBL													
CALM												23.2	
	28.6	32.4	12.2	3.1	.4	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 4552

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70-73-81 (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	.9	.5	.5									1.8	4.5
NNE			.9									.9	9.0
NE	.5	1.4	.5	.5								2.7	5.7
ENE	2.3	6.4	.9									9.5	4.4
E	9.1	24.1	3.2		.5							36.8	4.5
ESE	5.0	11.4	3.2									19.5	4.8
SE	4.1	2.3	1.4									7.7	3.9
SSE			.5									.5	9.0
S		.9	.9									1.8	6.3
SSW	.5	.5	.5	.5								1.8	8.3
SW			.5	.5								.9	9.5
WSW	.9											.9	2.5
W			.5	.5								.9	11.5
WNW													
NW	.5	.5										.9	4.0
NNW		.5										.5	5.0
VARBL													
CALM												12.7	
	23.6	48.2	13.2	1.8	.5							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 220

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 414 — STATION
WILLIAMS AFB AZ — STATION NAME
73-81 — YEARS
FEB — MONTH

ALL WEATHER — CLASS
0600-2800 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.1									1.1	4.3
NNE	.1	1.3										1.4	4.6
NE	1.3	1.1	.1	.3								2.8	4.8
ENE	3.6	3.9	.3									7.9	3.6
E	2.6	19.4	3.1	.4		.1						31.6	4.6
ESE	5.2	13.0	3.4	.1								22.6	4.7
SE	2.9	3.6	1.3									8.8	4.0
SSE	1.1	1.2	.6	.1								2.8	4.4
S	.7	1.3										2.0	3.8
SSW	.3	.1	.4	.1								1.0	6.7
SW	.2	.4	.6	.3								1.5	7.2
WSW	.1	.4										.6	4.3
W	.3	.1		.4								.8	7.5
WNW	.1											.1	3.0
NW	.1	.7	.3									1.1	5.3
NNW		.1	.1									.3	6.0
VARBL													
CALM												13.6	
	27.1	47.1	10.2	1.8		.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 713

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 (STATION) ...ILLIAMS AFB AZ (STATION NAME) 7C-73-81 (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	.2	.2	.2	.5								1.2	6.6
NNE	.4	.4	.5	.1								1.3	6.1
NE	.4	.9	.4									1.6	4.9
ENE	.3	.6	.1	.2								1.8	4.5
E	1.2	3.2	1.8	.9	.4	.1	.2					7.5	6.6
ESE	1.3	4.5	4.1	.5								12.4	5.6
SE	2.9	7.0	3.5	.7								14.1	5.6
SSE	1.2	2.3	1.1	.2								4.8	4.3
S	2.6	.4	.9	.2								4.0	4.5
SSW	.2	1.1	.5	.1								3.5	4.3
SW	1.0	1.1	.9	.4								3.3	6.0
WSW	1.3	.5	.4		.1							2.3	4.5
W	2.3	.9	1.0	.1								4.3	4.3
WNW	.7	.5	.4	.1								1.7	5.0
NW	1.0	.9	.4		.1							2.3	4.8
NNW	.4	.1	.4	.1								1.2	6.4
VARBL													
CALM												27.7	
	2.5	25.1	16.5	4.3	.6	.1	.2					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 . 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 73-73-81 (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	.?	1.3	1.3	.2								3.6	5.9
NNE	.7	.7	.5	.2								2.2	5.0
NE	.7	.2	.2									1.2	4.3
ENE	.7	.7	.5									1.9	4.6
E	.5	1.3	1.2	.6	.5	.4						4.5	9.8
ESE	.?	1.1	1.2	1.1	.4							4.5	6.2
SE	.6	1.2	1.6	.6	.1							4.1	7.7
SSE	.6	1.6	1.3	.2	.1							3.9	6.6
S	.3	2.2	1.5	.5	.2	.2						6.5	6.1
SSW	1.7	1.5	.7	.4	.1							4.4	5.9
SW	1.7	1.7	.2	.6								4.3	5.2
WSW	2.9	2.6	1.2	.2	.2							7.2	5.2
W	5.3	4.6	1.8	.7	.2							11.7	5.1
WNW	1.9	4.?	1.1	.4	.4							7.7	5.6
NW	3.?	1.7	.4	.4								5.5	4.1
NNW	1.1	1.6	.7	.1								3.5	5.1
VARBL													
CALM												23.1	
	24.6	28.1	14.9	6.3	2.3	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 821

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

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

2 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 7 .73-81 (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	1.7	1.7	1.3	.1	.1							5.2	5.6
NNE	.5	.7	.3									1.5	4.7
NE	.1	.7	.4	.1								1.3	6.4
ENE	.7	1.1	.9									2.6	5.4
E	.7	1.1	1.6	1.1	.7	.1						5.1	9.9
ESE	.5	.8	1.1	.1								2.5	6.5
SE	.1	.4	.8									1.3	6.8
SSE	.9	.5	.7									2.1	4.8
S	1.2	.9	1.1	.4	.1							3.7	6.3
SSW	1.1	1.2	1.5	.5	.9	.4						5.5	9.7
SW	1.3	1.6	1.1	.5								4.5	5.8
WSW	1.1	2.2	2.2	.9	.1							7.7	6.6
W	4.8	10.4	4.1	1.3	.4							20.8	5.7
WNW	3.3	7.4	2.6	1.2		.1						14.4	5.7
NW	1.7	2.8	1.6	.4								6.5	5.5
NNW	.7	2.4	.5	.3	.1							4.0	5.6
VARBL													
CALM												11.5	
	21.0	35.8	21.6	7.0	2.5	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 758

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 . 4 STATION — WILLIAMS AFB AZ STATION NAME — 70.73-81 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	2.6	1.3	.3	.2								4.4	3.8
NNE	1.3	.6	.2									1.8	3.3
NE	2.1	.8	.3									3.2	3.4
ENE	1.8	1.5	.3									3.6	3.9
E	1.6	2.3	1.1	.3	.3							5.7	6.1
ESE	.6	1.0	.2									1.8	4.1
SE	.8	1.3	.2		.2							2.4	5.1
SSE	.3	1.0	.5									1.8	5.0
S	.5	.6	.5	.3	.5							2.4	8.7
SSW	1.0	.3	.5	.5	.2	.2	.2					2.8	9.2
SW	.8	1.1	.2	.2								2.3	4.9
WSW	2.8	2.3	1.1	.2								6.3	4.6
W	7.9	8.6	.8	.8								18.2	4.1
WNW	3.9	3.6	.6	.6	.2							8.9	4.8
NW	2.4	1.5	.3	.2								4.4	3.9
NNW	2.1	1.6	.3	.2								4.2	4.2
VARBL													
CALM												25.9	
	32.3	29.3	7.5	3.4	1.3	.2	.2					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 617

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 104 — WILLIAMS AFB AZ — 70-73-81 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

2100-2300 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1										1.8	3.6
NNE	.7	1.1	.7									2.6	4.3
NE	2.6	1.1										3.7	2.9
ENE	4.2	4.4										8.4	3.3
E	16.1	8.4		.4	.4							25.3	3.5
ESE	11.6	5.9	.7									17.2	3.5
SE	3.3	2.2										5.5	3.3
SSE	1.2		.4	.4	.4							2.9	6.3
S	.7	.7	.4									1.8	4.2
SSW		.4	.4									.7	7.0
SW	.4	.4		.4								1.1	6.7
WSW		.4										.4	4.0
W	1.1	.7	.4	.4								2.6	5.0
WNW	.7	.4										1.1	2.7
NW													
NNW	.7	1.1										1.8	3.4
VARBL													
CALM												23.1	
	43.6	28.2	2.9	1.5	.7							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 273

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] 4 STATION — WILLIAMS AFB AZ STATION NAME — 7C-73-81 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	1.1	1.0	.6	.2	.0							2.9	5.3
NNE	.5	.7	.4	.1								1.7	5.1
NE	.9	.8	.3	.1								2.1	4.5
ENE	1.7	1.9	.4	.0								4.1	4.1
E	4.0	6.6	1.7	.6	.4	.1	.0					13.5	5.5
ESE	3.0	4.5	2.0	.4	.1							9.9	5.1
SE	1.9	2.7	1.4	.3	.0							6.4	5.3
SSE	1.3	1.2	.8	.1	.0							3.4	5.0
S	1.4	1.1	.7	.3	.1	.0						3.6	5.8
SSW	1.1	.8	.7	.3	.2	.1	.0					3.2	7.3
SW	.9	1.1	.5	.4								3.0	5.8
WSW	1.7	1.4	.9	.2	.1							4.3	5.4
W	3.4	4.3	1.4	.6	.1							9.9	5.0
WNW	1.7	2.7	.9	.4	.1	.0						5.8	5.4
NW	1.5	1.4	.5	.2	.0							3.6	4.7
NNW	.8	1.1	.4	.1	.0							2.4	5.1
VARBL													
CALM												20.2	
	26.8	33.3	13.7	4.3	1.3	.3	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 4222

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 ,04 — STATION
WILLIAMS AFB AZ — STATION NAME
70-73-81 — YEARS
MAR — MONTH

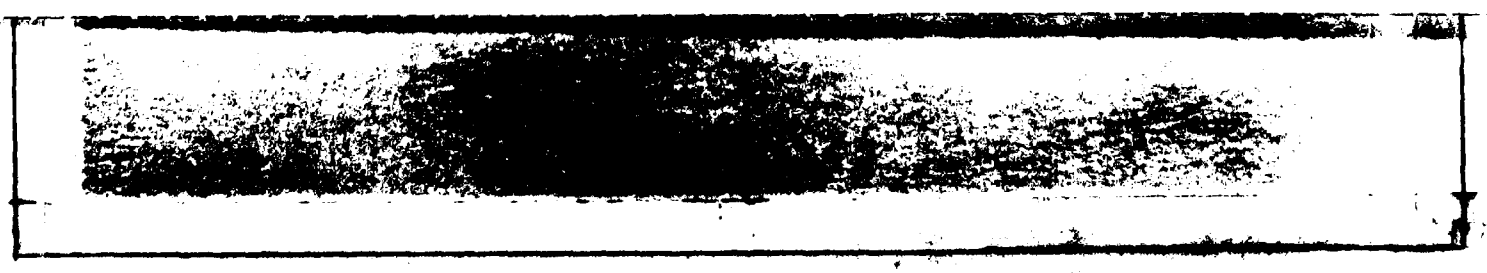
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)

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	.4	1.2	1.2			.4						3.2	8.3
NNE	.4		.4									.8	6.5
NE	.8	.8										1.6	3.5
ENE	2.0	2.4	.4									4.9	3.7
E	7.7	25.9	3.2									36.8	4.5
ESE	1.	10.9	4.0									16.6	5.3
SE	3.6	4.9	2.4									10.9	4.8
SSE	1.2	1.										2.8	3.7
S	.8	1.2	1.2									3.2	6.5
SSW		.8	1.6	.4								2.8	8.7
SW			1.2	.8								2.0	10.6
WSW	.8	.4	.4									1.6	4.3
W				.8								.8	11.5
WNW			.4									.4	8.0
NW	.4											.4	2.5
NNW		1.2										1.2	4.7
VARBL													
CALM												9.7	
	19.8	51.4	16.6	2.0		.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 247

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] 4 STATION | WILLIAMS AFB AZ STATION NAME | 70-73-81 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	.1	.5	.1									.7	5.2
NNE	.4	.4	.1	.2								1.1	6.2
NE	.9	.4	.2									1.5	3.8
ENE	2.7	1.4	.1									4.2	3.1
E	6.7	18.3	3.1	.2								28.4	4.5
ESE	5.4	15.2	4.6	.1								25.3	5.0
SE	3.1	7.1	2.9	.2								13.3	5.2
SSE	1.4	1.6	.6	.1								3.7	4.9
S	.9	.5	.9	.7								3.0	7.2
SSW	.2	.7	1.2	.2								2.5	7.3
SW		.9	.4	.2								1.5	7.1
WSW	.2	.7	.2	.1								1.4	5.5
W	.4	.1	.2	.2	.1							1.1	8.3
WNW	.5	.1										.6	3.0
NW	.1	.5	.5	.1								1.2	6.6
NNW	.7	.2	.2		.1							1.4	5.1
VARBL													
CALM												8.9	
	23.8	48.8	15.6	2.7	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 802

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] 4 STATION | WILLIAMS AFB AZ STATION NAME | 70-73-81 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.3	.1								1.[illegible]	6.6
NNE	.8	.3	.5									1.6	5.2
NE	.6	.1	.2	.1								1.1	4.8
ENE	.8	.3	.5									1.6	4.4
E	2.5	2.4	.6	.6	.1	.1						6.3	5.6
ESE	[illegible]	5.6	3.4	1.1	.1							13.2	6.0
SE	[illegible].4	7.8	4.7	.9								16.9	5.8
SSE	3.3	3.8	2.[illegible]	.6	.1	.1						10.0	5.4
S	1.6	2.2	1.5	.8	.6							6.7	7.2
SSW	1.6	1.4	1.7	1.0								5.7	6.7
SW	1.5	1.9	1.0	.9	.1							5.4	6.4
WSW	1.2	.8	1.[illegible]	.2								3.1	5.5
W	1.7	1.2	.3	.5	.5							4.3	6.6
WNW	1.2	.6	.4	.1	.2	.2						2.8	7.2
NW	.4	.5	.1	.1		.1						1.3	6.2
NNW	.6	.2	.1	.3								1.3	5.5
VARBL													
CALM												17.7	
	24.5	29.5	18.6	7.3	1.8	.5						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 STATION — WILLIAMS AFB AZ STATION NAME — 70-73-81 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	1.7	1.0	.2									2.9	3.6
NNE	.9	.2										1.1	3.1
NE	.8		.1									.9	3.3
ENE	.6	.9	.2	.1								1.8	4.6
E	1.0	1.1	1.0	.1								3.1	5.3
ESE	.3	.6	1.0	.8	.1							2.8	8.7
SE	1.0	1.0	1.8	.6	.1							4.5	7.1
SSE	2.0	1.9	1.2	.9	.2							6.2	6.1
S	1.4	2.0	2.2	1.2	.2	.1						8.0	7.2
SSW	2.4	2.3	1.8	1.2	.2							7.8	6.5
SW	1.5	3.0	2.9	1.5	.4							9.4	7.5
WSW	1.7	3.4	3.4	1.2	.1							9.9	6.9
W	4.1	6.3	3.5	.6	.5							15.2	5.9
WNW	1.9	2.8	1.5	.6	.4	.2						7.5	7.1
NW	1.0	1.2	1.1	.2	.3							3.8	7.0
NNW	.9	1.5	.2	.2	.1							2.9	5.1
VARBL													
CALM												12.3	
	23.1	30.1	22.2	9.2	2.8	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 93.

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 (STATION) ...ILLIAMS AFB AZ (STATION NAME) 70-73-81 (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	1.6	1.2	.2	.2	.1							3.4	4.8
NNE	.6	.4		.1	.1							1.2	5.5
NE	.2	.4	.1									.7	4.3
ENE	.2	.4	.1									.7	4.5
E	.6	1.3	1.1	.2								3.2	6.0
ESE	.1	.5	.7	.6								1.9	8.9
SE	.5	.5	.5									1.4	5.1
SSE	.5	.1	.6									1.2	5.9
S	1.3	1.2	1.8			.6						5.3	7.3
SSW	.9	1.8	1.3	.9	.5	.1						5.5	8.2
SW	1.3	1.3	2.5	1.3	.5	.1						7.5	8.3
WSW	1.4	4.2	3.5	2.1	.4							11.6	7.7
W	3.3	9.3	9.4	2.5	.5	.1						24.9	7.0
WNW	1.8	5.9	4.2	1.1	.6	.1						13.6	7.0
NW	1.9	2.7	1.8	.6	.1							7.0	5.8
NNW	1.2	.9	1.2	.2								3.5	5.6
VARBL													
CALM												7.5	
	17.8	32.3	28.8	9.8	2.7	1.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 854

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70-73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 18-20-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.8	.3	.1	.1							4.9	4.3
NNE	1.5	.6	.1									2.2	3.4
NE	1.3	1.3	.1	.1								2.8	3.9
ENE	2.2	1.1	.7	.1								3.9	4.5
E	1.8	2.7	.7	.4								4.8	5.6
ESE	1.4	.6	.7	.1								2.8	5.1
SE	.6	.4	.3									1.3	4.6
SSE	.3	.6	.3									1.1	4.6
S	.4	.7	.3	.6								2.0	7.1
SSW	.4	.3	.4	.7	.1	.1						2.1	10.1
SW	.8	2.4	1.1	.7	.1							5.2	6.7
WSW	1.8	3.7	2.5	.6	.1							8.7	6.1
W	4.1	3.4	4.1	.8	.3							17.7	5.7
WNW	3.8	3.4	1.5	.1	.1							9.0	4.7
NW	3.1	2.4	.7	.6								6.7	4.7
NNW	2.5	1.7	.6	.4								5.2	4.7
VARBL													
CALM												19.5	
	27.5	31.9	14.5	5.5	1.0	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 712

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

...RAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2...4 (STATION) ...ILLIAMS AFB AZ (STATION NAME) 7...73-81 (YEARS) MA... (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	1.8	2.0										3.8	3.4
NNE	1.8	.9										2.6	3.0
NE	3.2	1.5	.6									5.3	3.3
ENE	3.3	1.5	.3									7.0	2.8
E	13.5	6.1	1.2									20.8	3.2
ESE	3.5	4.7	.6	.3								9.1	4.5
SE	3.8	3.2		.6								7.6	4.1
SSE	2.9	1.2	.6									4.7	3.5
S	.3	1.8	.3	.9								3.2	7.3
SSW	.9	.3	.6	.6								2.3	6.5
SW	.9	1.5	2.0	.3								4.7	6.1
WSW	.6	.9	1.8									3.2	6.2
W	1.2	1.2	1.2	.6								4.1	6.5
WNW	.3	.3	1.2									1.8	7.2
NW	.3	.3	.3									.9	5.3
NNW	.3	.9	.3									1.5	5.2
VARBL													
CALM												17.5	
	40.4	28.1	10.8	3.2								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 342

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] 4 STATION | WILLIAMS AFB AZ STATION NAME | 70-73-81 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	1.2	1.0	.3	.1	.0	.0						2.6	4.6
NNE	.9	.4	.2	.1	.0							1.5	4.4
NE	.9	.5	.2	.0								1.6	3.8
ENE	1.5	.9	.3	.0								2.8	3.8
E	3.4	6.1	1.4	.3	.0	.0						11.2	4.6
ESE	2.1	4.8	2.1	.5	.0							9.5	5.6
SE	2.1	3.5	2.0	.4	.0							7.9	5.5
SSE	1.7	1.6	.9	.3	.1	.0						4.6	5.3
S	1.2	1.6	1.3	.6	.2	.1						4.9	7.2
SSW	1.1	1.2	1.3	.8	.1	.0						4.6	7.3
SW	1.0	1.9	1.6	.9	.2	.0						5.6	7.3
WSW	1.2	2.3	2.0	.7	.1							6.4	6.8
W	2.4	4.4	3.1	.9	.4	.0						11.3	6.4
WNW	1.6	2.2	1.5	.4	.2	.1						6.0	6.5
NW	1.1	1.3	.7	.3	.1	.0						3.5	5.8
NNW	1.0	.9	.4	.2	.0							2.6	5.1
VARBL													
CALM												13.2	
	24.3	38.7	19.3	6.5	1.6	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 4817

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 [illegible] (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.8	.4								1.7	9.8
NNE	.4											.4	3.5
NE	.8	1.2										2.1	3.6
ENE	2.9	3.7	.4	.4								7.4	4.4
E	8.7	25.6	6.2									40.5	4.7
ESE	4.5	13.6	5.0									23.1	5.1
SE	2.9	2.5	.4									5.8	3.6
SSE	1.2	.4	.8	.4								2.9	5.7
S	.8	1.2	.8	.4								3.3	6.3
SSW	.8	.8	.4									2.1	4.6
SW	.4		2.5	.8								3.7	8.4
WSW			.4									.4	10.0
W			.4									.4	8.5
WNW	.4											.4	2.5
NW													
NNW		.4										.4	4.5
VARBL													
CALM												5.4	
	24.0	50.0	18.2	2.5								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 242

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1C4 (STATION) WILLIAMS AFB AZ (STATION NAME) 73-81 (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	.4	.4										.8	4.0
NNE	.1	.3	.1	.1								.6	7.5
NE	.5		.1									.6	3.2
ENE	1.9	1.4	.5	.3								4.1	4.4
E	9.7	14.5	3.5	.4	.1							25.1	4.9
ESE	4.9	15.7	9.9	.5								31.0	5.7
SE	2.7	8.1	4.5	.4								15.6	5.5
SSE	1.8	1.3	.9									4.0	4.1
S	.6	.9	.3	.6								2.4	6.9
SSW	.3	1.4	1.2	.6	.1							3.6	7.7
SW	.1	.3	1.2									1.5	7.8
WSW	.2		.6									.9	7.5
W	.4	.1	.4									.9	5.9
WNW	.1			.1								.3	8.0
NW	.1											.1	2.0
NNW			.4									.4	9.3
VARBL													
CALM												8.1	
	20.9	44.3	23.4	3.1	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] WILLIAMS AFB AZ — STATION / STATION NAME

70-73-81 — 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	.8		.1	.1								1.0	4.3
NNE	.1	.2	.1	.2								.7	7.7
NE	.3	.4	.2									1.0	5.2
ENE	.7	.1	.4	.2	.3							1.8	8.4
E	2.4	1.1	1.1	.7								5.3	5.5
ESE	1.6	3.7	2.4	.6								8.2	6.1
SE	2.3	4.4	6.3	.3								14.0	5.9
SSE	2.4	3.1	3.7	.8								10.0	6.0
S	2.7	2.3	1.3	.8	.2							7.3	6.0
SSW	1.7	1.4	1.1	1.0	.1							5.3	6.6
SW	1.7	1.4	1.2	1.1	.1							5.6	6.7
WSW	1.6	1.8	1.3	.7								5.3	6.1
W	2.6	2.1	1.1	.3								6.1	4.9
WNW	1.3	2.6	.3									4.2	4.2
NW	2.2	.7	.1									3.0	3.6
NNW	1.3	.6	.2									1.8	4.1
VARBL													
CALM												19.3	
	25.9	26.0	21.2	6.8	.8							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70-73-81 (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	.4	1.[illegible]	.2									1.7	4.8
NNE	.3	.4	.3									1.1	5.[illegible]
NE	.4	.7										1.1	3.9
ENE	.3	.4	.3	.2								1.3	6.8
E	.7	.7	1.4	.6								3.3	7.2
ESE	.2	.4	1.[illegible]	.6								2.2	8.7
SE	.3	1.4	1.1	.2								3.1	6.6
SSE	.3	2.[illegible]	1.3	.1								4.2	5.8
S	1.3	2.9	3.1	1.3								9.1	6.9
SSW	1.1	1.4	2.[illegible]	1.2		.3						6.1	8.6
SW	1.7	2.3	3.2	1.9								9.1	7.7
WSW	1.8	4.9	4.6	1.8	.4							13.4	7.4
W	2.7	7.1	8.3	1.2	.3							19.7	6.9
WNW	1.[illegible]	3.7	2.7	.8	.2	.2						8.6	7.3
NW	.9	2.6	1.3	.1	.1							5.0	5.8
NNW	.9	1.[illegible]	.4									2.3	4.0
VARBL													
CALM												8.6	
	15.3	33.0	31.4	10.0	1.1	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

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

...RAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 (STATION) ...ILLIAMS AFB AZ (STATION NAME) 70.73-81 (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	.4	.8	.5	.1								1.8	5.2
NNE		.6	.4									1.0	5.6
NE	.1	.2	.1									.5	5.8
ENE	.4	.2	.1	.4								1.1	6.9
E	.1	.5	.4	.1								1.1	7.0
ESE	.2	.5	.5	.2	.1							1.6	7.8
SE	.2	.4	.5	.2	.2							1.6	9.2
SSE	.6	.8	.1	.1	.1							1.8	6.1
S	.7	.7	1.2	.6	.1	.1						3.5	7.8
SSW	.5	1.3	1.7	1.4	.2	.2						5.1	10.3
SW	.5	2.2	2.4	2.8	.6	.1						8.5	9.6
WSW	1.3	4.2	7.0	3.1	.5							16.1	8.4
W	1.3	6.6	11.9	5.1	.5	.2	.2					25.9	8.8
WNW	1.6	4.9	6.9	.8	.1							14.3	6.8
NW	1.1	4.1	2.4	.5		.6						8.7	7.6
NNW	.5	1.7	1.4	.2	.1							4.0	6.7
VARBL													
CALM												3.6	
	9.5	29.5	37.4	15.8	2.6	1.3	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 831

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70.73-81 (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	3.9	1.3	.1	.3	.1	.1						5.8	4.4
NNE	.4	.3		.3								1.0	6.2
NE	1.0	.3		.1								1.4	3.6
ENE	.7	.6	.1									1.4	3.3
E	.4	1.3	.1									1.8	4.2
ESE	.3	.4	.3		.1							1.1	6.9
SE		.6	.1	.1								.8	6.2
SSE	.7	.4		.4	.3							1.8	7.9
S	.6	.7	.3	.3								1.8	6.0
SSW	.7	1.1	1.3	1.0	.4							4.4	8.8
SW	1.3	1.6	2.3	.7								5.8	6.7
WSW	2.5	2.8	3.1	1.1	.1	.1						9.9	6.6
W	3.8	8.5	6.2	1.3	.4	.3						20.5	6.6
WNW	2.4	5.4	3.1	1.4	.3	.1						12.7	6.7
NW	2.3	5.2	2.5	.6	.3	.1						11.0	6.1
NNW	4.0	4.0	.6	.1								8.6	3.7
VARBL													
CALM												9.8	
	24.9	34.3	20.3	7.8	2.1	.8						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 706

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2...4 STATION | WILLIAMS AFB AZ STATION NAME | 70.73-81 YEARS | APP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	.9		.6								4.9	3.7
NNE	1.2	.3	.3									1.7	3.2
NE	3.5	2.6		.6								6.6	4.3
ENE	3.2	1.4										4.6	2.8
E	6.1	5.5										11.6	3.4
ESE	2.6	2.3			.3							5.2	4.2
SE	2.9	2.6										5.5	3.2
SSE	.6	.9	.3									1.7	4.2
S	1.4	1.4	.9	.9	.3							4.9	7.6
SSW	1.2	1.7	1.4	.6								4.9	6.4
SW	.3	3.8	1.4	.3								5.8	5.4
WSW	.3	2.3	.6									3.2	5.4
W	1.2	2.3	1.7	.6								5.8	6.C
WNW	2.0	1.7		.3								4.0	4.1
NW	1.2	.9	.3									2.3	4.C
NNW	1.7	.6	.6									2.9	3.7
VARBL													
CALM												24.3	
	32.7	31.2	7.5	3.8	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 346

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 STATION | WILLIAMS AFB AZ STATION NAME | 70-73-81 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.2	.1	.0	.0						2.3	4.6
NNE	.3	.3	.2	.1								.9	5.6
NE	.7	.6	.1	.1								1.4	4.2
ENE	1.1	.8	.3	.2	.1							2.4	5.1
E	2.7	4.7	1.5	.3	.0							9.2	4.9
ESE	1.7	4.4	2.7	.3	.1							9.2	5.8
SE	1.5	2.9	2.3	.2	.0							7.0	5.7
SSE	1.2	1.5	1.2	.3	.1							4.2	5.7
S	1.3	1.6	1.3	.7	.1	.0						5.0	6.7
SSW	.9	1.3	1.4	1.0	.1	.1						4.8	8.1
SW	1.0	1.7	2.0	1.2	.1	.0						6.1	7.7
WSW	1.3	2.6	3.0	1.2	.2	.0						8.3	7.4
W	2.0	4.4	5.1	1.4	.2	.1	.0					13.2	7.3
WNW	1.3	3.0	2.3	.6	.1	.1						7.2	6.5
NW	1.2	2.2	1.1	.2	.1	.1						4.9	6.0
NNW	1.2	1.3	.6	.1	.0							3.1	4.6
VARBL													
CALM												10.8	
	20.4	33.9	25.1	8.1	1.2	.5	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 4706

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 [illegible] 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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	.4											.4	2.0
NNE	.4	.4	.4									1.2	5.7
NE	.4											.4	2.0
ENE	3.3	4.1										7.5	3.6
E	9.1	27.0	6.6									42.7	4.8
ESE	4.6	12.	7.1									23.7	5.4
SE	2.5	2.5	3.3									8.3	5.0
SSE	.8	.4	.8									2.1	4.6
S	.4	.8	.4									1.7	5.5
SSW		.4										.4	4.0
SW	.4	.4	.4	.4								1.7	6.8
WSW		.4										.4	6.0
W		.4										.4	6.0
WNW													
NW													
NNW													
VARBL													
CALM												9.1	
	22.4	49.0	19.1	.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 241

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible]4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70-73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.3									.5	6.8
NNE	.1	.3	.1	.1								.6	6.0
NE	.5	.3	.3									1.0	4.4
ENE	1.3	1.9	.1									3.3	3.9
E	5.1	14.4	5.6	.3								25.4	5.2
ESE	5.1	14.6	14.9	1.0								35.6	6.2
SE	1.4	7.3	6.1	.4								15.2	6.3
SSE	1.5	1.[illegible]	.8	.1								3.4	4.7
S	1.[illegible]	.5	.6		.1							2.3	5.3
SSW	.4	.4	1.0	.6								2.4	8.0
SW	.9	.3	.6	.1								1.9	5.1
WSW	.1		.4									.5	6.5
W	.1	.1	.1									.4	6.0
WNW	.1											.1	2.0
NW		.1										.1	6.0
NNW	.1	.1		.1								.4	7.3
VARBL													
CALM												6.6	
	18.0	41.4	31.0	2.8	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 783

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] WILLIAMS AFB AZ — 70,73-81 — MAY
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.3	.3	.2								2.0	4.8
NNE	.3	.2	.4	.2								1.2	7.6
NE	.2	.1	.3	.2								.9	8.0
ENE	1.2	.3		.1								1.7	2.9
E	.9	1.3	1.1	2.0								5.0	9.0
ESE	1.8	2.9	2.3	.1		.1						7.2	5.8
SE	2.2	4.5	3.7	.8								11.2	6.0
SSE	2.0	5.0	3.1	.9	.2							11.1	6.2
S	3.0	3.6	2.1	.7	.1							9.5	5.5
SSW	2.4	2.6	1.8	.7								7.5	5.5
SW	1.4	2.3	1.7	.6	.2							6.2	6.5
WSW	2.8	2.5	2.0	.6	.1							7.9	5.4
W	2.5	3.1	1.7	.1								6.8	4.8
WNW	1.2	.9	.6									2.6	4.3
NW	.8	.3	.2									1.3	3.6
NNW	.6	.3		.1								1.0	4.7
VARBL													
CALM												16.9	
	23.8	30.1	21.3	7.2	.7	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 907

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70.73-81 (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	.4	.7	.3									1.4	5.0
NNE	.3			.1								.4	5.3
NE	.2	.3	.1	.1								.8	5.1
ENE		.6	.7	.3								1.5	7.8
E	.7	1.2	.8	.2								2.9	5.8
ESE	.3	.9	.7	.2	.1							2.1	7.7
SE	.9	.9	1.1	.1								3.0	6.0
SSE	.8	1.8	1.4	.8								4.7	7.1
S	2.2	2.1	2.8	1.2	.2	.1						8.6	7.1
SSW	1.5	2.3	2.4	1.8	.4	.3						8.8	8.6
SW	1.5	3.5	3.0	1.3	.1							9.5	7.0
WSW	1.8	6.4	5.6	1.5	.2							15.5	6.9
W	2.2	8.6	8.7	1.5	.1							21.2	6.8
WNW	1.1	4.9	2.4	.4								8.8	6.0
NW	.6	2.1	1.4	.3	.1							4.5	6.5
NNW	1.2	.4	.4	.1								2.2	4.5
VARBL													
CALM												4.0	
	15.8	36.5	31.9	10.1	1.3	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 907

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 — WILLIAMS AFB AZ — 70,73-81 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1500-1700

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.7	.2	.1							2.0	7.9
NNE	.1	.2	.4	.2								1.0	8.0
NE			.2		.1							.4	11.7
ENE		.2	.4									.6	7.0
E	.4	.1	.2	.2								1.0	7.1
ESE	.4	.1	.2	.2								1.0	6.9
SE		.2	.1	.4								.7	9.7
SSE	.5	.5	.4			.1						1.4	6.8
S	.7	.8	1.0	.6								3.1	7.1
SSW	.5	1.7	1.7	1.6	.1	.1						5.6	8.9
SW	.7	1.9	2.4	2.0	.6	.1						7.8	9.4
WSW	.6	3.2	6.0	4.9	.2							15.0	9.3
W	1.9	8.6	14.7	4.3	.2							29.9	8.6
WNW	.5	4.9	7.7	1.2	.2	.1						14.6	7.8
NW	.8	4.2	3.0	.5								8.5	6.4
NNW	.6	2.2	1.8	.4	.2							5.2	6.8
VARBL													
CALM												2.3	
	7.8	29.9	40.9	16.8	1.9	.5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 834

...BAL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

2...4 | ...ILLIAMS AFB AZ | 73-81 | MAY
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.3	.4	.1	.3							6.8	4.5
NNE	.3	.7	.4	.3								1.7	5.9
NE	.1	.6	.6	.4								1.7	8.2
ENE		.4	.3	.1	.3							1.1	10.0
E	.1	.3	.3	.6								1.3	9.6
ESE		.1	.1	.1		.1						.6	14.0
SE	.1	.3										.4	3.7
SSE	.1	.1		.3	.1							.7	16.6
S	.7	.6	.4	.1								1.8	5.5
SSW	.3	.6	1.3	1.5	.4							4.1	10.8
SW	.6	2.1	1.5	2.2	.1							6.6	8.7
WSW	1.3	3.9	3.9	2.2								11.3	7.4
W	2.2	8.7	5.4	1.0								17.3	6.1
WNW	2.8	5.0	3.4	1.5	.1							12.8	6.2
NW	1.4	6.2	4.3	1.0								12.7	6.4
NNW	3.1	6.6	2.4	.6								12.6	5.1
VARBL													
CALM												6.6	
	16.2	38.8	24.7	12.2	1.4	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 716

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

( )RAL CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 ...64 (STATION) WILLIAMS AFB AZ (STATION NAME) 7?.73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	1.[illegible]		.3								7.[illegible]	2.9
NNE	3.3	1.3	.8	.5								4.9	4.8
NE	1.8	.3		.5								2.6	4.4
ENE	1.6	.5	.3									2.3	3.4
E	3.9	2.3	.3									6.5	3.3
ESE	2.3	.[illegible]	.5									3.6	3.7
SE	3.4	1.3	.5									[illegible].2	3.0
SSE	1.8	.3	.3	.3								2.6	3.8
S	1.3	.[illegible]		.5								2.6	5.1
SSW	.9	2.8	2.6	1.8								8.0	7.5
SW	1.[illegible]	2.1	2.6	.3								6.7	5.9
WSW	1.8	1.8	1.6									5.2	5.3
W	1.8	.8	.8	.3								3.6	4.9
WNW	1.8	3.6	1.6									7.0	5.3
NW	2.8	.5	.5									3.9	3.7
NNW	3.6	2.1										5.7	3.1
VARBL													
CALM												22.7	
	33.5	22.2	12.1	4.4								1[illegible].[illegible]	3.5

TOTAL NUMBER OF OBSERVATIONS 387

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

...RAL CLIMATOLOGY BRANCH
...PETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 STATION | ILLIAMS AFB AZ STATION NAME | 70.73-81 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	1.3	.7	.4	.1	.1							2.7	4.8
NNE	.4	.4	.3	.2								1.3	6.3
NE	.4	.2	.3	.2	.0							1.0	6.4
ENE	.7	.9	.3	.1	.0							2.0	4.9
E	[illegible]	4.4	1.7	.6								8.7	5.6
ESE	1.7	3.6	3.5	.3	.0	.0						9.3	6.1
SE	1.2	2.5	2.2	.3								6.2	5.9
SSE	1.1	1.3	1.1	.4	.1	.0						4.3	6.1
S	1.6	1.9	1.3	.5	.1	.0						4.9	6.2
SSW	1.0	1.6	1.7	1.2	.2	.1						5.8	7.9
SW	1.1	2.	1.9	1.1	.2	.						6.3	7.5
WSW	1.3	3.2	3.3	1.6	.1							9.3	7.2
W	1.6	5.1	5.4	1.2	.1							13.5	6.9
WNW	1.1	3.0	2.5	.5	.1	.0						7.2	6.5
NW	.8	2.2	1.5	.3	.0							4.8	6.1
NNW	1.2	1.7	.8	.2	.0							3.9	5.2
VARBL													
CALM												8.7	
	18.5	34.7	28.0	8.9	.9	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 4775

...PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

...4 (STATION) ...ILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4			.4								.8	8.5
NNE	.8		.4									1.3	4.3
NE	1.7	.8	.4									2.9	3.6
ENE	1.7	3.4	.4									5.5	4.6
E	5.1	32.3	7.1									45.8	5.1
ESE	2.5	15.	8.1	.4								27.8	5.6
SE		3.4	3.7									7.1	5.7
SSE	1.3	1.3										2.5	3.2
S	.4		.4									.8	5.5
SSW													
SW													
WSW													
W	.4											.4	2.5
WNW													
NW	.4											.4	2.5
NNW													
VARBL													
CALM												5.5	
	13.1	60.5	18.5	.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 236

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

CL SAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

2 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JULY (MONTH)

ALL WEATHER (CLASS) | 0600-1800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.3	.1								1.2	4.9
NNE	.1											.1	3.5
NE	.1	.1	.3									.8	4.7
ENE	.2	2.1	.1									3.4	4.1
E	7.1	15.5	5.5	.8	.1							29.0	5.7
ESE	10.	15.5	17.3	1.5								33.3	6.7
SE	1.7	5.5	7.8	1.3								16.6	6.9
SSE	1.	1.3	1.3	.1								3.8	5.4
S	.6	.1	.1	.1								1.6	3.8
SSW	.1	.1	.1	.3								.8	6.6
SW		.1	.1									.4	6.3
WSW		.1										.1	5.2
W	.3		.3									.6	3.8
WNW													
NW	.1	.3										.4	4.2
NNW	.1											.1	1.0
VARBL													
CALM												5.8	
	12.4	41.3	36.1	3.8	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 773

...AL CLIMATOLOGY BRANCH
...LTAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...4 STATION | ...ILLIAMS AFB AZ STATION NAME | 60-70,73-80 YEARS | JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											.1	2.0
NNE	.2	.1	.2	.1								.7	5.3
NE	.6	.3										.9	3.0
ENE	.1	.2										.3	3.7
E	.7	1.4	.7	.8	.1							3.7	7.3
ESE	1.4	3..	2.4	.9	.1							7.9	6.6
SE	2.7	4.3	5.5	.8								13.2	6.1
SSE	2.2	4.2	2.4	1.2								10.6	6.0
S	1.2	4..	2.3	1.1	.6							11.2	6.3
SSW	1.9	2.6	.8	.7								5..	5.5
SW	1.7	2.9	.9		.1							5.6	4.8
WSW	1.2	3.1	.7	.3								5.3	4.7
W	2.4	5.5	1.0									8.9	4.5
WNW	1.8	2..	.2									4.0	3.8
NW	1..	1.1	.3									2.4	4.1
NNW	.7	.6										1.2	3.4
VARBL													
CALM												17.0	
	23.8	35.9	17.5	5.9	.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 4 — WILLIAMS AFB AZ — 69-70,73-80 — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

1200-1400 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.3	.2								1.1	7.6
NNE	.1	.4	.2									.8	6.1
NE	.2	.1		.1								.6	4.4
ENE	.2	.4	.6		.1							1.2	6.6
E	.2	.7	.1		.1							1.7	4.8
ESE		.2	1.2	.6								2.3	9.3
SE	.1	.6	1.1	.6								2.3	8.7
SSE	.3	.2	1.6	.3								3.1	7.3
S	.2	1.2	2.4	.9	.2							5.1	8.4
SSW	.8	2.2	1.7	1.1	.7							6.4	8.5
SW	.8	2.7	3.2	.8	.3							7.8	7.3
WSW	1.9	7.4	5.8	1.0	.1							16.2	6.5
W	1.7	11.3	12.3	1.6								26.9	6.8
WNW	.7	7.2	5.0	.6								13.2	6.5
NW	.4	2.6	1.3	.3								4.7	6.2
NNW	.2	1.4	.8									2.4	5.7
VARBL													
CALM												4.1	
	8.8	40.0	37.7	8.0	1.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GL RAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

2 . 4 STATION — WILLIAMS AFB AZ STATION NAME — 69-70,73-80 YEARS — JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.2									1.2	4.8
NNE	.2											.2	2.5
NE			.1		.1							.2	12.5
ENE		.1	.2		.1							.5	9.5
E		.[illegible]	.5		.1							.8	9.4
ESE		.[illegible]	1.[illegible]	.2								1.7	8.4
SE		.1	.1									.2	6.5
SSE	.1	.4	.4	.1								1.0	7.1
S		.[illegible]	.6	.5	.1							1.8	9.3
SSW	.1	.[illegible]	1.3	.7	.4	.1						3.3	10.4
SW	.4	.7	2.5	1.9	.4	.1						6.0	10.3
WSW	.3	2.2	4.7	2.3	.4							10.4	8.8
W	1.2	6.1	18.7	4.5								32.4	8.[illegible]
WNW	1.[illegible]	6.[illegible]	12.9	3.9								23.6	8.1
NW	.7	3.9	4.3	1.[illegible]								9.9	7.3
NNW	.5	1.[illegible]	1.9	.5								4.8	6.6
VARBL													
CALM												1.7	
	[illegible]	25.9	49.6	15.6	1.6	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 829

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.[illegible]	1.1	.3								5.9	4.8
NNE	.1	.1	.3	.1								.7	7.8
NE	.3	.6	.1	.1	.1							1.3	7.7
ENE	.1		.1		.3	.1	.1					.9	16.8
E	.1	.[illegible]	.3	.4	.7	.1						2.3	12.6
ESE		.[illegible]	.4	.3	.1							1.1	10.0
SE	.1	.[illegible]	.3	.3			.1					1.4	9.9
SSE		.[illegible]	.4	.1								.7	8.4
S	.1	.1	.1		.1							.6	8.3
SSW	.1		.3	.9	.3							1.6	12.2
SW	.4	.6	1.4	1.6	.3							4.[illegible]	[illegible].6
WSW	.3	1.3	3.0	1.0								2.6	6.4
W	2.6	8.2	8.7	1.4	.3							21.2	6.6
WNW	1.[illegible]	6.7	8.[illegible]	1.6								17.3	7.2
NW	2.9	6.6	7.3	1.6								18.3	6.7
NNW	1.9	6.3	4.7	.9								13.3	6.1
VARBL													
CALM												3.4	
	12.6	38.1	36.8	10.2	2.3	.3	.3					100.0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 698

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2...4 STATION | ...ILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | JUN. MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	1.2										7.5	2.6
NNE	1.5	.2										1.7	2.4
NE	1.7	.7	.2									2.7	3.5
ENE	.2	.5		.2								3.0	3.5
E	..	1.2	.5	.2								4.0	4.9
ESE	1.7	1.2	.2	1.[illegible]								4.2	5.4
SE	.2	2.2		1.0								4.5	5.9
SSE	.7		.2									1.[illegible]	4.[illegible]
S	1.5	.7	1.[illegible]									[illegible].2	4.6
SSW	.5	2.2	1.7	1.2								5.7	7.5
SW	.7	3.[illegible]	1.5	.7								6.[illegible]	6.4
WSW		2.2	1.[illegible]	.2								3.5	6.4
W	.[illegible]	4.2	2.0									8.2	4.9
WNW	.[illegible]	3.5	.5									[illegible].[illegible]	4.[illegible]
NW	2.7	1.7										4.5	2.9
NNW	5.2	2.5	.5									8.2	3.3
VARBL													
CALM												25.9	
	12.2	27.7	9.5	8.7								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 421

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 134 — WILLIAMS AFB AZ — 69-70,73-80 — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.3	.1								2.2	4.4
NNE	.3	.1	.1	.0								.7	5.0
NE	.5	.3	.1	.0	.0							1.0	4.8
ENE	.5	.7	.2	.0	.1	.0	.0					1.6	5.8
E	1.3	4.6	1.7	.4	.2	.0						8.4	6.0
ESE	.9	4.4	4.5	.6	.0							10.5	6.7
SE	.7	2.3	2.7	.6			.0					6.5	6.7
SSE	.9	1.3	1.1	.4								3.7	6.1
S	.0	1.2	1.2	.5	.2							3.1	6.8
SSW	.5	1.2	.9	.7	.2	.3						3.8	7.9
SW	.7	1.6	1.6	.8	.2	.0						4.8	7.6
WSW	1.0	2.8	2.6	.8	.1							7.2	7.0
W	1.6	6.2	7.3	1.3	.0							16.4	6.9
WNW	.9	4.1	4.5	1.0								10.5	7.0
NW	.1	2.5	2.2	.5								5.2	6.3
NNW	1.0	1.9	1.2	.1								4.2	5.5
VARBL													
CALM												8.2	
	14.4	36.1	32.2	7.9	1.1	.1	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 4738

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

USE WITH CAUTION SEE FIRST PAGE

2 [illegible] 4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8										1.6	3.3
NNE	.4	.4										.8	3.0
NE													
ENE	2.9	2.4	.4	.8								6.5	4.6
E	9.4	13.1	2.9									25.3	4.2
ESE	2.9	12.7	6.1									21.6	5.4
SE	3.7	10.2	3.7	.8								18.4	5.5
SSE	1.2	2.0	1.2									4.5	5.2
S	.4											.4	2.0
SSW	.8	.4										1.2	3.7
SW			.4									.4	8.0
WSW		.4										.4	5.0
W	.4	.4										.8	3.5
WNW		.8	.4									1.2	5.0
NW	.8											.8	2.0
NNW	.8		.4									1.2	4.3
VARBL													
CALM												14.7	
	24.5	43.7	15.5	1.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 245

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6										.9	4.0
NNE	.4	.1	.4									.9	5.4
NE	1.1	.6	.3									2.0	3.9
ENE	1.8	2.0	.4									4.2	4.1
E	4.3	10.5	2.4	.1								17.3	4.8
ESE	2.6	13.6	9.1	.5								25.8	6.1
SE	3.1	8.8	8.7	1.0								21.6	6.3
SSE	1.7	1.8	2.2	.3								5.9	5.6
S	.9	1.0	.8	.1								2.8	5.2
SSW	.4	.1	.4									.9	5.1
SW	.3	.5	.3									1.2	5.2
WSW	.3	.5										.8	4.2
W	.5	.3										.8	2.5
WNW	.1	.6										.6	4.2
NW	.4	.4	.1									.9	4.2
NNW	.6	.6	.4	.1								1.8	4.8
VARBL													
CALM												11.7	
	18.6	42.2	25.3	2.2								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 784

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

...L CLIMATOLOGY BRANCH
...AFETAC
A ...EATHER SERVICE/MAC

SURFACE WINDS

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

2 ,4 STATION | ...ILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | JUL MONTH

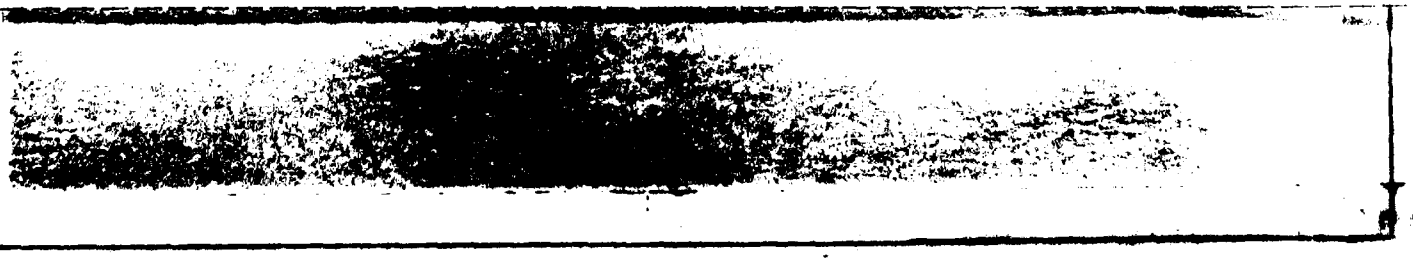
ALL WEATHER CLASS | 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.3	.3									1.9	3.6
NNE	.?	.4	.2	.1								1.1	5.6
NE	.3	.1										.4	2.3
ENE	1.?	.2	.2									1.4	3.6
E	1.1	.9	.8	.2								3.0	5.7
ESE	1.9	2.9	2.1	.3								7.2	5.5
SE	2.0	4.2	4.2	1.0								11.4	6.3
SSE	2.7	3.3	3.8	.2								10.4	5.6
S	3.3	4.1	1.8	.1								9.3	4.6
SSW	1.5	1.3	.8									3.7	4.5
SW	2.2	2.9	.2	.2								5.5	4.3
WSW	1.7	2.9	1.4									6.0	4.9
W	3.3	6.4	3.0	.1								12.8	5.3
WNW	1.3	3.2	2.1									7.1	5.2
NW	1.3	1.1	1.4	.1								4.0	5.4
NNW	1.4	.8	.4									2.7	4.1
VARBL													
CALM												12.2	
	27.1	35.5	22.8	2.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 924

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 3 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6		.2								1.3	5.2
NNE	.4		.1									.6	3.2
NE	.1		.3									.4	7.0
ENE	.2		.1									.3	4.3
E	.3	1.1	.1	.1								1.7	4.9
ESE	.2	1.2	.6	.1	.1							2.3	6.6
SE	.6	1.2	.9	.1								2.8	5.6
SSE	.4	1.4	1.3	.3								3.5	6.7
S	.3	1.9	2.1	.1								4.4	6.6
SSW	1.1	2.2	1.0	.1								4.3	5.2
SW	1.2	2.6	2.5	.1	.2							6.5	6.7
WSW	1.1	4.2	4.2	.7								10.0	6.6
W	1.8	14.2	15.6	.7								32.2	6.7
WNW	.4	5.4	9.3	.9								16.6	7.1
NW	.9	2.2	3.4	.6								7.1	6.7
NNW	.2	1.3	1.1									2.6	6.4
VARBL													
CALM												3.3	
	10.2	39.6	42.6	4.0	.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 926

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

SURFACE WINDS

)F WIND
:D
TIONS)

)73-80 — YEARS

JUL — MONTH

1200-1400 — HOURS (L.S.T.)

28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
					1.3	5.2
					.6	3.2
					.4	7..
					.3	4.3
					1.7	4.9
					2.3	6.6
					2.8	5.6
					3.5	6.7
					4.4	6.6
					4.3	5.2
					5.5	6.7
					10.0	6.6
					32.2	6.7
					16.6	7.1
					7.1	6.7
					2.6	6.4
					3.3	
					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 926

TE

...AL CLIMATOLOG... BRANCH
...LTAC
...EATHER SERVICE/MAC

2

PERCENTAGE FREQUEN
DIRECTION AND
(FROM HOURLY OBSI

2 4 STATION — ILLIAMS AFB AZ STATION NAME — 6

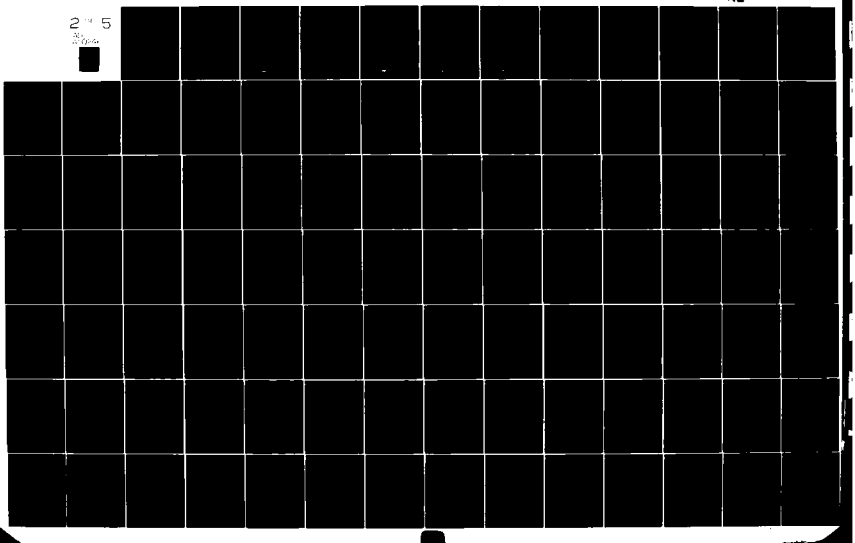
ALL WEATHE CLASS

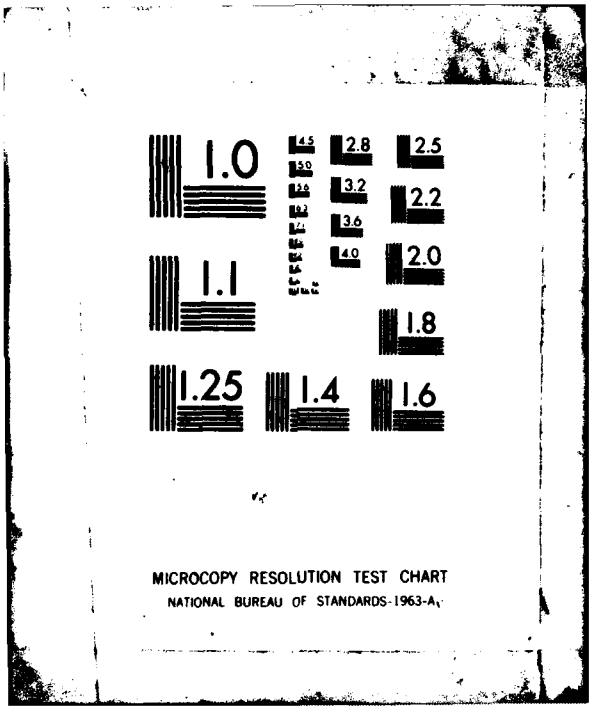
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 -
N	.1	.1	.1	.1		
NNE	.2		.2	.4	.1	
NE	.1		.4	.1		
ENE	.1	.2	.1			
E		.1	.4		.1	
ESE	.1		.2	.4		
SE		.2	.6			
SSE		.2	.7		.1	
S	.1	.4	.8	.2	.2	
SSW	.1	.5	.6	.6		
SW		1.2	1.6	.4	.1	
WSW	.6	2.4	2.9	.2		
W	2.4	12.6	19.1	3.6	.1	
WNW	.6	5.9	12.8	5.2	.1	
NW	.4	5.4	6.2	2.0		
NNW	.2	1.7	1.4	.2		
VARBL						
CALM						
	5.1	31.5	47.6	13.4	1.0	

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM A

AD-A110 246 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS AFB, ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(U)
OCT 81
UNCLASSIFIED USAFETAC/DS-81/096 SBI-AD-E850 129 NL




1.0
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.4	1.7	.4							3.2	10.9
NNE	.4	.1	1.1	1.3	.3							3.2	10.3
NE		.4	.4	.4	.1							1.4	9.9
ENE			.8	.4	.1							1.4	11.6
E			.6	.8	.1	.4	.3					2.2	17.6
ESE	.4	.6	.7	.7	.1	.3						2.8	10.0
SE	.1	1.3	1.1	.6								3.1	7.8
SSE	.6	.6	.6	.3	.3							2.2	8.0
S	.6	.8	1.3	.8	.1	.3						3.9	8.9
SSW	.7	.4	.4	.1	.1	.1						1.9	7.9
SW	.6	.8	1.4	1.4	.1							4.3	9.0
WSW	1.8	4.0	1.8	.3								7.9	5.4
W	2.1	11.3	8.1	.4								21.6	6.1
WNW	1.5	7.0	5.4	1.4								15.3	6.7
NW	1.4	5.7	5.4	1.1								13.6	6.8
NNW	1.4	5.0	2.1	.7	.1							9.3	6.2
VARBL													
CALM												2.5	
	12.0	38.0	31.6	12.4	2.1	1.1	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 718

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 ,C4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.5	1.5	.5								6.2	5.7
NNE			.5	.5								1.0	11.3
NE	.7	1.5	.7	.5								3.5	7.1
ENE	.5	.5										1.0	3.3
E	1.2	1.2	1.0	1.0	.5							4.9	7.9
ESE	2.0	2.2	2.7	1.7								8.6	7.1
SE	2.0	3.0	3.5	1.0								9.4	6.6
SSE	1.0	1.2	1.7	.5		.2						4.7	7.2
S	1.5	2.2	.7	1.2	.2							5.9	7.4
SSW	1.0	2.5	1.2	1.2	.5							6.4	8.0
SW	1.0	2.7	1.5	.2								5.4	6.5
WSW	.5	2.	1.0	.2								4.4	5.7
W	3.2	4.0	.5			.2						7.9	4.4
WNW	1.7	1.5	.5	.2								4.0	4.8
NW	2.5	1.7	.7									4.9	4.3
NNW	3.0	1.2	.5		.2							4.9	4.1
VARBL													
CALM												16.8	
	23.5	30.6	18.3	8.9	1.5	.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 405

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] WILLIAMS AFB AZ — 69-70,73-80 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.3	.4	.1							2.0	6.3
NNE	.3	.1	.4	.3	.1							1.2	8.2
NE	.4	.3	.3	.1	.0							1.1	6.5
ENE	.7	.6	.3	.1	.0							1.7	5.0
E	1.6	2.9	.9	.3	.1	.1	.0					5.9	5.8
ESE	1.2	3.9	2.7	.5	.0	.1						8.4	6.3
SE	1.4	3.5	3.1	.6								8.5	6.3
SSE	1.1	1.6	1.7	.2	.1	.0						4.7	6.2
S	1.1	1.7	1.2	.3	.1	.0						4.5	6.2
SSW	.8	1.1	.7	.2	.1	.0						2.9	6.2
SW	.8	1.6	1.1	.4	.1							4.0	6.6
WSW	1.0	2.7	1.9	.2								5.8	5.9
W	2.1	8.1	8.1	.8	.0	.0						19.2	6.5
WNW	1.0	4.0	5.3	1.3	.0							11.6	7.2
NW	1.0	2.6	2.9	.6								7.2	6.7
NNW	1.0	1.6	1.0	.2	.0							3.8	5.6
VARBL													
CALM												7.6	
	16.0	37.1	31.8	6.6	.7	.2	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 4803

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A R WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4											.4	3.0
NNE	.4		.4									.8	6.0
NE	1.2	.8										2.0	3.8
ENE	2.0	2.0										4.0	3.6
E	6.1	16.6	4.9	.4								27.9	4.9
ESE	2.0	18.6	4.0	.8								25.5	5.4
SE	4.0	7.3	3.6	.4								15.4	5.2
SSE	.4	.8	.8									2.0	5.4
S	1.2	.4		.4								2.0	5.6
SSW	.4											.4	2.0
SW	.8	.4	.4									1.6	4.3
WSW													
W		.4										.4	4.0
WNW	.4											.4	2.0
NW	.8	.4										1.2	3.7
NNW	.8	.4										1.2	2.7
VARBL													
CALM												14.6	
	21.1	48.2	14.2	2.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 247

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 034 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE	.1	.5										.6	4.6
NE	.3	.6	.1									1.0	4.3
ENE	1.6	1.5	.6									3.8	4.0
E	4.3	14.8	5.6	.3								25.0	5.2
ESE	3.1	12.9	11.8	.5								28.4	6.2
SE	2.1	9.0	6.8	.6								18.6	6.1
SSE	.8	1.9	1.3									3.9	5.4
S	.5	.8	.1	.1								1.5	4.9
SSW	.1	.4		.1								.6	6.4
SW	.3	.3										.5	3.5
WSW		.3	.1									.4	5.7
W	.3											.3	2.5
WNW	.3	.3	.1									.6	3.8
NW	.3	.8	.1									1.1	4.6
NNW	.3	.4	.1									.8	4.3
VARBL													
CALM												12.9	
	14.2	48.4	26.9	1.6								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3										.4	4.5
NNE	.6		.1									.8	3.0
NE	.4	.1	.2									.8	4.4
ENE	.2	.5	.1									.9	4.0
E	1.3	1.3	.8	.4								3.8	5.6
ESE	1.4	4.6	3.7	1.1								10.8	6.7
SE	3.1	7.4	6.9	1.1								18.5	6.1
SSE	3.3	7.0	4.0	.5								14.9	5.5
S	4.4	3.9	1.7	.1								10.1	4.3
SSW	1.4	2.0	.5	.1								4.1	4.6
SW	1.6	2.0	.3	.1								4.1	4.5
WSW	1.8	.5	.4	.1								2.9	3.9
W	2.6	4.3	.4									7.3	4.2
WNW	1.2	1.7	.2	.1								3.2	4.5
NW	.9	1.0	.5									2.4	4.5
NNW	.1	.3	.3	.1								.9	7.0
VARBL													
CALM												14.3	
	24.5	37.1	20.2	3.8								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 IC4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.2	.2	.1								1.3	4.5
NNE	.1											.1	2.0
NE	.1	.1	.1	.1								.4	7.5
ENE		.2										.2	4.0
E	.3	.6	.4	.1								1.5	6.4
ESE	.4	1.3	1.0	.1								2.8	5.8
SE	.5	2.0	1.5	1.0	.1							5.2	7.5
SSE	.9	1.9	2.0	.3								5.2	6.4
S	2.4	2.7	1.1									6.1	4.6
SSW	1.2	1.8	1.1	.3								4.4	5.7
SW	1.5	2.0	1.3	.4								5.3	5.7
WSW	1.2	5.6	3.5	.9								11.2	6.4
W	2.7	14.2	10.6	.4								28.0	6.2
WNW	1.9	4.5	6.1	1.0								13.5	6.7
NW	1.0	2.8	2.3	.2								6.2	5.9
NNW	1.5	.9	.5	.1								3.0	4.3
VARBL													
CALM												5.6	
	16.5	51.0	31.8	5.1	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.5									1.6	5.2
NNE		.2	.1									.3	6.7
NE		.1										.1	4.0
ENE		.1										.1	4.0
E	.1	.6	.2	.1	.1	.1						1.3	8.9
ESE	.1	.2	.1	.1								.6	7.4
SE	.1	.3	.6	.2	.2							1.5	9.2
SSE	.6	.6	.5									1.6	5.2
S	.3	.9	.8	.2	.1	.2						2.7	8.7
SSW	.2	.8	.6			.1						1.7	6.9
SW	.3	1.2	.8	.6								2.9	6.8
WSW	1.4	4.0	5.5	.8								11.6	6.8
W	1.9	11.9	17.9	2.7								34.3	7.1
WNW	1.6	6.3	11.0	.6								19.5	7.1
NW	1.4	5.0	5.7	.8								12.9	6.7
NNW	.6	2.8	2.0	.2								5.6	6.3
VARBL													
CALM												1.5	
	9.1	35.8	46.3	6.4	.5	.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 860

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 0 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.2	1.0	.8	.6							6.8	6.5
NNE	.3		.6	.4	.3	.4						1.9	13.3
NE	.3	.4	.3	.1	.1							1.2	8.1
ENE	.4	.4	.7	.3								1.8	7.1
E	.4	.1	.6	.8	.1	.1						2.2	10.5
ESE	.3	.6	.4	.4	.3							1.9	9.1
SE	.3	.4	.4	.1		.1						1.4	8.2
SSE	.3	.3	.8	.3	.3			.1				2.1	10.7
S	1.1	.4	.3	.7	.4	.3						3.2	10.1
SSW	.3	.7	.7	.3								1.9	6.9
SW	.8	1.2	1.2	.6	.1	.1						4.2	7.5
WSW	1.0	1.9	1.4	.4								4.7	5.9
W	2.4	9.0	4.4	.3								16.1	5.5
WNW	2.9	7.8	7.5	.4								18.6	6.0
NW	2.4	6.0	6.1	.6	.1							15.1	6.3
NNW	3.2	6.2	1.1	.6								11.1	4.7
VARBL													
CALM												5.7	
	18.4	37.7	27.5	7.1	2.4	1.1		.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 721

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.1	1.1	.8	1.3								9.3	4.5
NNE	.8	.5	.5	.5								2.4	7.1
NE	1.1	1.1	.5		.3							2.9	5.6
ENE	1.3	.5	.5									2.4	4.2
E	1.1	1.9	1.6	.8	.3							5.6	7.2
ESE	3.2	2.1	1.3	.5								7.1	4.9
SE	1.9	2.6	1.9	.5	.5							7.4	6.6
SSE	1.9	1.6	.5	.5	.3	.3						5.0	6.6
S	1.9	1.1	1.1	1.3	.3							5.6	7.2
SSW	.3	.8	.5	.5								2.1	7.6
SW	1.1	1.9	1.6									4.5	5.5
WSW	.5	1.3	.3									2.1	5.1
W	1.9	2.9	.5	.3								5.6	4.7
WNW	1.3	1.3	1.1									3.7	5.3
NW	.5	1.3	.5									2.4	4.8
NNW	2.9	2.9	.5	.3								6.6	3.9
VARBL													
CALM												25.4	
	27.5	24.9	13.8	6.6	1.6	.3						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 378

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 x 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7	.3	.2	.1							2.4	5.4
NNE	.3	.2	.2	.1	.0	.1						.8	6.0
NE	.3	.3	.2	.0	.0							.9	5.6
ENE	.6	.6	.3	.0								1.5	4.5
E	1.5	3.9	1.6	.4	.1	.0						7.5	5.7
ESE	1.3	4.5	3.2	.5	.0							9.5	6.2
SE	1.5	4.0	3.2	.6	.1	.0						9.4	6.3
SSE	1.2	2.3	1.6	.2	.1	.0		.0				5.6	6.0
S	1.9	1.7	.8	.3	.1	.1						4.8	5.7
SSW	.6	1.1	.6	.2		.0						2.5	5.8
SW	.9	1.4	.8	.3	.0	.0						3.4	5.8
WSW	1.0	2.3	2.0	.4								5.7	6.2
W	1.9	7.2	6.0	.6								15.7	6.2
WNW	1.5	3.6	4.4	.4								9.8	6.4
NW	1.1	2.7	2.5	.3	.0							6.6	6.1
NNW	1.2	2.0	.7	.2								4.1	5.0
VARBL													
CALM												9.7	
	17.7	38.5	28.4	4.8	.6	.3		.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 4862

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH EXPLANATION SEE FIRST PAGE

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

2 1 4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 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	.9	.4	.4									1.8	4.5
NNE		.4										.4	4.0
NE	.4	.4		.4								1.3	7.3
ENE	1.2	2.7	.4									5.3	3.8
E	8.4	22.7	3.1	1.3								35.6	4.9
ESE	4.9	10.2	5.3									20.4	5.0
SE	2.7	7.6	.9									11.1	4.3
SSE	1.3	1.8										3.1	3.9
S	.9		.4									1.3	3.7
SSW	.4											.4	3.0
SW	.4											.4	2.0
WSW													
W	.4		.4									.9	6.5
WNW		.4										.4	4.0
NW	.4		.9									1.3	5.5
NNW	.9	.4										1.3	3.3
VARBL													
CALM												14.7	
	25.4	47.1	12.0	1.8								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 225

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 034 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	.7	.4	.4									1.1	6.1
NNE	.8	.1	.4									1.4	4.2
NE	1.8	.8	.3									2.9	3.1
ENE	3.1	2.2	.7	.3								6.3	4.2
E	6.3	13.9	6.7	.8								27.7	5.4
ESE	3.4	14.3	8.4	.8								27.0	5.9
SE	2.9	6.9	3.1	.1								13.1	5.1
SSE	2.5	1.5	.1									4.1	3.2
S	.5	.5	.1									1.2	4.0
SSW		.1										.1	4.0
SW	.5	.1										.7	2.4
WSW		.1	.1									.3	6.0
W	.3	.3	.3									.8	5.3
WNW	.3			.1								.4	6.7
NW	.3	.1		.1								.5	5.8
NNW	.3	.5	.3									1.1	4.9
VARBL													
CALM												11.4	
	23.2	42.1	21.0	2.3								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 734

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 STATION — WILLIAMS AFB AZ STATION NAME — 69-70,73-80 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	.5	.3	1.1			.1						1.9	7.1
NNE	.3	.2										.6	4.0
NE	.5	.3	.1	.2								1.1	6.2
ENE	.9	.7	.3	.5								2.4	6.0
E	1.5	1.7	3.2	2.7	.6							9.7	9.2
ESE	2.3	4.3	3.3	1.8	.2	.1						12.1	7.2
SE	2.2	8.1	7.4	.8	.2							18.8	6.5
SSE	3.7	4.0	2.7	.2								10.6	5.1
S	3.7	3.5	1.3	.5								8.9	4.6
SSW	1.8	1.5	.1									3.4	3.6
SW	1.7	1.0	.5									3.2	3.7
WSW	.9	1.3	.3	.1								2.6	4.3
W	1.1	2.2	.5	.1								3.9	4.7
WNW	1.0	1.4	.2									2.6	3.8
NW	.5	1.1	.1	.1								1.8	4.9
NNW	.7	.6	.1									1.4	4.0
VARBL													
CALM												14.8	
	23.2	32.4	21.3	7.1	1.0	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 874

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] WILLIAMS AFB AZ — 69-70,73-80 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400

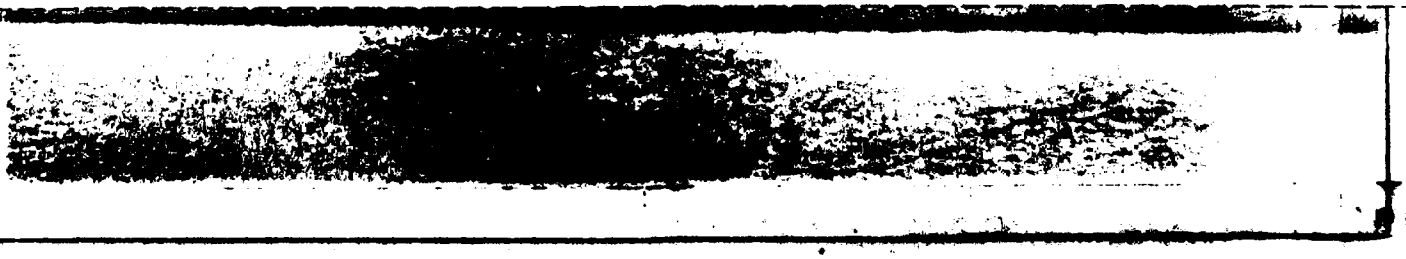
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.5	.2	.2								1.5	5.5
NNE	.1	.7		.2	.2							1.3	9.2
NE	.1	.2	.2	.1								.7	7.7
ENE	.2	.9	.6	.1								1.8	5.9
E	.1	1.4	1.7	1.5	.7	.1						6.5	9.0
ESE	.7	.9	1.5	.9	.3	.2						4.6	9.4
SE	.7	1.1	2.7	1.5		.2						6.3	8.7
SSE	.6	2.3	2.6	.9	.1							6.5	7.5
S	1.5	4.2	2.3	.5								8.4	5.6
SSW	.6	2.6	1.0									4.2	5.4
SW	1.6	3.2	1.4	.2								6.4	5.4
WSW	2.4	5.9	2.9	.1								11.3	5.3
W	2.7	9.7	7.2									19.6	5.8
WNW	1.5	4.0	2.9									8.3	5.7
NW	2.1	2.4	1.0	.1								5.6	4.7
NNW	.5	.8	.7									1.9	5.0
VARBL													
CALM												5.0	
	16.9	60.9	28.9	6.4	1.4	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 876

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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	.8	.9	.3									1.9	4.3
NNE	.1	.4	.1	.3			.1					1.0	9.8
NE		.1	.5	.4								1.0	10.4
ENE	.4	.6	.4	.1								1.5	5.9
E	.1	1.1	1.3	1.0	.9							4.4	10.8
ESE		.3	1.6	1.0	.3	.1						3.3	11.1
SE	.5	.9	1.3	.6	.1	.1						3.5	8.2
SSE	.1	.6	1.3	.3	.1							2.4	8.2
S	1.0	1.4	.8	.3								3.4	5.6
SSW	.3	1.4	1.0	.1			.1					2.9	7.4
SW	.6	1.2	1.5	.4								3.5	6.6
WSW	.8	2.3	3.6	.4								7.0	6.8
W	1.4	14.3	12.9	.9								29.4	6.5
WNW	1.1	6.9	7.9	.9								16.8	6.7
NW	.8	5.5	4.3	.5								11.0	6.4
NNW	.1	1.9	2.0				.1					4.1	7.4
VARBL													
CALM												3.0	
	8.0	39.4	40.6	7.0	1.4	.3	.4					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 799

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.[illegible]	1.2	.3								5.1	5.3
NNE	1.1	.8	.2	.6		.2	.3					3.1	9.6
NE	.9	.5	.3	.2	.2							2.0	5.7
ENE	.6	.6	1.2	.5		.2						3.1	8.5
E	.6	1.4	1.1	1.5	.5							5.1	9.2
ESE	.9	1.1	1.1	.5	.3							3.8	7.2
SE	.3	.6	1.1	.6								2.6	7.9
SSE	.3	.8	.5	.5		.2						2.1	8.0
S	.9	.2	.6	.3		.2						2.1	7.1
SSW	.3	1.1	.5									1.8	5.7
SW	1.1	1.1	.8	.2								3.1	5.5
WSW	1.5	1.7	.9									4.1	5.0
W	2.8	7.4	1.4									11.5	4.7
WNW	4.3	5.1	2.8	.3	.2							12.6	5.[illegible]
NW	3.1	7.1	3.7			.2						14.0	5.3
NNW	4.3	5.2	2.0	.2								11.7	4.6
VARBL													
CALM												12.3	
	24.5	36.3	19.2	5.5	1.1	.8	.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 652

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 .04 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	3.2	.6	.3		.3						8.7	4.7
NNE	2.3	1.3	1.9	.3								5.8	5.3
NE	1.0	1.3	.6									2.9	4.8
ENE	3.2	.3	.6									4.2	3.4
E	6.8	5.2	3.9	.6	.6	.3						17.5	6.0
ESE	5.2	4.2	1.3	.3	.3							11.3	4.7
SE	2.3	1.9	1.3									5.5	4.4
SSE	.6	.3	1.3									2.3	5.4
S	.3	.6	.3		.3							1.6	7.8
SSW	.6	.6	.6									1.9	5.5
SW	.6	2.3	1.0									3.9	5.8
WSW		1.3	.3	.3								1.9	6.7
W	1.0	.6	.6									2.3	4.4
WNW	.6	.6										1.3	3.3
NW	1.9	2.6	.3	.3								5.2	4.4
NNW	2.3	.6										2.9	2.4
VARBL													
CALM												20.7	
	33.0	27.2	14.9	2.3	1.3	.6						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 309

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	.9	.9	.6	.1		.0						2.6	5.4
NNE	.6	.5	.2	.2	.0	.0	.1					1.6	7.3
NE	.6	.4	.3	.2	.0							1.6	5.7
ENE	1.2	1.4	.6	.2		.0						3.1	5.3
E	2.6	4.8	2.9	1.5	.5	.0						12.2	6.9
ESE	1.9	4.4	3.1	.9	.2	.1						10.7	6.7
SE	1.5	3.7	3.0	.7	.1	.1						9.0	6.4
SSE	1.4	1.8	1.5	.3	.0	.0						5.1	5.9
S	1.5	1.9	1.0	.3	.0	.0						4.7	5.3
SSW	.6	1.3	.5	.0			.0					2.5	5.3
SW	1.1	1.3	.8	.1								3.4	5.2
WSW	1.3	2.2	1.5	.1								4.8	5.6
W	1.5	6.0	4.1	.2								11.9	5.8
WNW	1.4	3.1	2.4	.2	.0							7.2	5.8
NW	1.3	2.9	1.6	.2		.0						6.0	5.5
NNW	1.1	1.5	.9	.0			.0					3.5	5.1
VARBL													
CALM												10.2	
	21.2	37.9	24.9	5.3	1.0	.4	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 4469

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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		1.3										1.3	4.7
NNE		.4										.4	5.0
NE	1.3	1.7										3.0	3.7
ENE	3.4	5.1		.4								8.9	4.1
E	12.3	21.3	3.8									37.4	4.3
ESE	5.1	11.5	4.7	.4								21.7	5.2
SE	3.0	3.4	2.6	.4								9.4	5.2
SSE	.9	.9										1.7	3.5
S	.4	.9	.4									1.7	5.3
SSW		.4	.9									1.3	8.0
SW	.4		.9									1.3	7.7
WSW	.4											.4	2.0
W		.4										.4	4.5
WNW	.4	.4										.9	4.0
NW			.4									.4	7.0
NNW													
VARBL													
CALM												9.8	
	27.7	57.7	13.6	1.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 235

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 . .4 (STATION) | .ILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	? ?	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.1									1.2	4.6
NNE		.7	.3									.9	6.1
NE	.3	.1	.3									1.4	3.4
ENE	.2	2.0	.1									4.3	3.7
E	8.5	16.8	3.5	.3								29.0	4.6
ESE	4.9	13.3	6.0	.1								24.3	5.1
SE	3.1	7.7	3.3	.8								14.8	5.5
SSE	1.3	1.8	.4									3.5	4.0
S	.5	.9	.1	.1								1.7	4.9
SSW	.4	.4	.1									.9	4.4
SW	.3	.3	.7									1.2	5.9
WSW		.4	.4									.8	6.7
W	.3	.1										.4	3.3
WNW	.5											.5	2.0
NW	.4		.1									.5	3.5
NNW	.1	.1										.3	4.0
VARBL													
CALM												14.3	
	23.9	45.1	15.3	1.3								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 769

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible]4 — WILLIAMS AFB AZ — 69-70,73-80 — OCT

STATION — STATION NAME — YEARS — 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	.2	.2	.3	.1							1.6	7.0
NNE	.7	.8	.3	.2								2.0	5.6
NE	.4	.7	.2	.3								1.7	6.3
ENE	1.2	.6	.7	.4								2.9	5.9
E	1.7	2.2	1.6	1.7	.1							7.2	7.4
ESE	2.3	3.8	3.8	1.6	.2							11.6	6.8
SE	3.4	6.2	3.9	1.1	.1							14.7	6.0
SSE	2.5	3.4	2.1	.6	.1							8.7	5.5
S	2.8	1.7	.8	.4								5.6	4.7
SSW	1.1	.1	.7	.4								2.3	6.4
SW	1.4	1.0	.7	.6	.1							3.8	6.3
WSW	1.0	1.8	.2	.1								3.1	4.6
W	2.1	1.8	.1	.2								4.2	4.1
WNW	1.8	.7	.4	.1								3.0	3.7
NW	1.3	.3	.3									2.0	3.9
NNW	.6	.3	.1									1.0	3.9
VARBL													
CALM												24.6	
	25.0	25.5	16.1	8.1	.8							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 923

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 164 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	.6	1.2	.4	.2	.1							2.5	5.9
NNE	.4	.4	.4	.2								1.6	6.9
NE	.8	.2	.6	.1		.1						1.8	6.6
ENE	.8	.7	1.2	.2	.1							3.0	6.6
E	1.0	1.2	1.2	.9	.2	.1						4.7	7.9
ESE	1.2	1.6	1.8	1.3								5.9	7.3
SE	.6	1.1	2.0	.7								4.3	7.3
SSE	1.0	2.2	1.0	.2								4.4	5.6
S	2.3	2.5	1.7	.6	.1							7.2	5.6
SSW	2.4	1.7	1.4	.2		.1						5.9	5.6
SW	1.6	2.2	1.6	.7	.1	.1						6.2	6.6
WSW	3.7	3.1	2.0	.4								9.2	4.9
W	4.7	6.4	3.7	.8	.3	.2						16.1	5.8
WNW	1.9	2.5	1.2	.1								5.8	4.7
NW	.8	1.4	.9	.1								3.2	5.4
NNW	1.3	.9	.2	.1								2.5	4.0
VARBL													
CALM												15.8	
	24.9	29.5	21.3	6.9	1.0	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	1.1	.5	.7	.1	.1	.2						2.8	7.3
NNE	.6	.6	.7	.1	.1							2.2	6.9
NE	.5	.6	.1	.4								1.6	6.5
ENE	.6	1.[illegible]	.7									2.3	5.5
E	.2	1.2	1.1	.1								2.7	7.0
ESE	.4	.7	1.7	.2	.1							3.2	7.8
SE	.7	.9	1.5		.1	.1						3.3	7.4
SSE	.5	1.[illegible]	1.2		.1							2.8	6.6
S	1.0	1.[illegible]	1.0	.4								3.3	5.9
SSW	.6	1.3	.5	.2	.1							2.8	6.0
SW	1.2	1.8	1.3	1.0		.1	.1					5.6	7.7
WSW	1.2	4.4	3.4	.4	.1							9.5	6.4
W	3.5	15.0	8.5	.6	.2	.1						28.0	6.0
WNW	2.1	7.2	3.5	.4		.2						13.4	6.1
NW	1.8	4.3	2.4		.1							8.7	5.6
NNW	.5	1.7	.5	.1	.1							2.9	6.2
VARBL													
CALM												4.9	
	16.6	43.2	29.0	4.0	1.3	.9	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 820

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	3.7	1.2	.4	.1								5.4	3.5
NNE	1.9	1.3	.4	.1								3.8	4.2
NE	.9	1.2	.1		.1							2.4	4.7
ENE	1.8	1.9	.3	.3								4.3	4.6
E	3.2	2.8	.6	.4								7.1	4.2
ESE	1.3	1.6		.1								3.1	4.0
SE	.6	2.4	.1									3.1	4.5
SSE	.9	.6	.4									1.9	4.5
S	1.2	.6	.1	.1								2.1	4.2
SSW	.3	.3	.4	.1								1.2	6.1
SW	.1	.3	.3	.1								.9	8.0
WSW	1.6	1.2	1.0	.3								4.1	5.1
W	5.4	5.0	1.2	.1	.1							11.9	4.1
WNW	5.0	2.8	.6	.1	.4							9.0	4.5
NW	2.2	2.9		.1								5.3	3.8
NNW	3.2	2.6	.3		.1							6.3	3.9
VARBL													
CALM												28.2	
	33.4	28.7	6.5	2.4	.9							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 . 4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 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	1.2		.6									1.6	4.4
NNE	1.3	.3										1.6	2.4
NE	1.6	1.9	.6	.3								4.5	4.5
ENE	3.8	1.6										5.4	2.8
E	7.6	6.7	1.6									17.9	3.6
ESE	7.4	7.4	1.3									16.0	3.8
SE	5.1	4.5	1.3									10.9	3.8
SSE	2.9	2.6	.3	.3								6.1	4.2
S	2.6	.3	.3									3.2	2.8
SSW	.3	.3	1.0	.3								1.9	6.7
SW		1.3										1.0	4.0
WSW	.3											.3	3.5
W	.3	.6	1.3	.3								2.6	7.0
WNW	.3	.3										.6	3.5
NW	.3	1.		.3								1.6	5.8
NNW	.3		.6									1.0	6.5
VARBL													
CALM												23.7	
	37.2	28.5	9.0	1.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 312

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[ ]4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	1.1	.7	.4	.2	.1	.0						2.5	5.3
NNE	.7	.7	.4	.1	.0							1.9	5.5
NE	.8	.7	.3	.2	.0	.0						2.0	5.3
ENE	1.5	1.4	.6	.2	.0							3.7	4.8
E	1.7	5.6	1.7	.6	.1	.0						11.8	5.1
ESE	2.5	4.7	2.7	.7	.1							10.7	5.7
SE	1.3	3.7	2.2	.5	.0	.0						8.4	5.8
SSE	1.4	1.9	1.0	.2	.0							4.4	5.2
S	1.6	1.3	.7	.3	.0							4.0	5.1
SSW	.9	.7	.7	.2	.0	.0						2.6	5.9
SW	.9	1.1	.9	.4	.0	.0	.0					3.4	6.8
WSW	1.4	2.0	1.3	.2	.0							4.9	5.4
W	2.8	5.1	2.5	.3	.1	.0						10.9	5.5
WNW	1.9	2.4	1.2	.1	.1	.0						5.6	5.1
NW	1.1	1.6	.7	.1	.0							3.5	4.9
NNW	1.0	1.0	.2	.0	.0							2.3	4.5
VARBL													
CALM												17.4	
	25.5	34.5	17.2	4.4	.7	.3	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 4622

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

...L CLIMATOLOGY BRANCH
...SFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

STATION	STATION NAME	YEARS	MONTH
2...4	WILLIAMS AFB AZ	69-70,73-80	NOV

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.9									.9	9.0
NNE			.5									.5	8.0
NE	1.8	1.8										3.7	3.6
ENE	2.8	3.2	.5									6.4	3.9
E	13.3	15.6	3.2									32.1	4.1
ESE	4.1	11.5	1.4									17.0	4.6
SE	.9	8.3	.9									10.1	4.7
SSE	1.8	.9										2.8	3.3
S													
SSW	.5				.5							.9	11.0
SW			.5									.5	9.0
WSW		.5										.5	4.0
W	.5											.5	2.0
WNW													
NW													
NNW	.5											.5	3.0
VARBL													
CALM												23.9	
	26.1	41.7	7.8		.5							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 218

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 124 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1										.4	3.0
NNE	.7	.5	.1									1.4	3.7
NE	.3	1.0	.5									1.8	5.4
ENE	3.3	3.1	.7	.4								7.4	4.2
E	10.5	15.3	1.6	.1								27.7	4.0
ESE	6.8	13.4	4.2									24.5	4.7
SE	2.3	6.6	2.1									11.0	4.8
SSE	1.0	1.1	.5									2.6	4.3
S	1.1	.4				.1	.1					1.8	6.5
SSW	.3	.1	.1			.1						.7	8.2
SW	.1	.3	.7									1.1	7.4
WSW	.1		.1									.3	6.5
W	.3	.3	.1									.7	4.4
WNW				.1								.1	12.0
NW	.4		.1									.5	4.0
NNW	.5		.1									.7	3.4
VARBL													
CALM												17.4	
	28.1	42.2	11.2	.7		.3	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 730

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

[redacted]

[redacted] CLIMATOLOGY BRANCH
[redacted] ETAC
A[redacted] WEATHER SERVICE/MAC

SURFACE WINDS

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

2[redacted]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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	.7	.5	.4	.1	.1							1.8	5.9
NNE	.7	.7	.2	.4								2.0	5.5
NE	.7	.4	.2									1.3	4.0
ENE	.9	.7		.4	.2							2.2	6.6
E	2.8	1.5	.8	1.1	.4							6.5	6.4
ESE	2.8	4.3	2.1	.8								10.0	5.5
SE	2.6	6.3	2.7	.5								12.0	5.3
SSE	2.7	2.1	1.3	.2								6.3	4.6
S	2.2	1.9	.8	.1								5.0	4.5
SSW	1.5	1.3	.1	.4								3.3	4.5
SW	1.1	.5	.9	.6	.1							3.2	6.7
WSW	1.3	.9	.5	.4	.1							3.2	5.9
W	2.6	1.3	.4	.1								4.3	3.7
WNW	1.3	.7	.2	.4								2.6	5.0
NW	1.1	.5	.2									1.8	3.7
NNW	1.3	.2										1.5	2.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.1	
	26.1	23.7	10.9	5.3	.9							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 857

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	.7	1.2	.6									2.4	4.9
NNE	.5	.8	.9	.1								2.3	6.3
NE	.3	.9	.2	.3								1.9	6.5
ENE	.8	.2	.8	.5								2.3	7.2
E	1.0	1.4	2.2	.7	.3	.1						5.8	8.3
ESE	.5	.7	1.4	.6								3.1	7.6
SE	.1	.5	1.2	.7	.1							2.6	9.5
SSE	.5	1.5	.5	.2	.2							2.9	6.6
S	1.4	1.7	.8	.1								4.1	5.0
SSW	1.6	1.9	.5	.3								4.3	4.9
SW	2.0	1.7	.6	.8	.2							5.4	6.0
WSW	2.4	2.6	1.4	.6	.1							7.1	5.7
W	3.8	6.1	1.9	.2	.1							12.1	4.7
WNW	4.2	4.4	1.0	.2								9.9	4.3
NW	2.1	1.3	.6	.1	.1							4.2	4.8
NNW	1.9	.3	.5	.2								2.9	4.3
VARBL													
CALM												26.7	
	23.9	27.2	15.0	5.8	1.3	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 859

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 L 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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	1.1	1.7	1.5									4.3	5.4
NNE	.6	.5	.3	.1								1.5	4.9
NE	1.0	.5	.1									1.7	3.4
ENE	.1	.8	.4	.1								1.4	7.0
E	.8	2.0	1.9	.3	.5							5.5	7.8
ESE	.4	1.0	1.0	.4								2.8	7.0
SE	.6	.6	.8	.8								2.8	7.1
SSE	.9	.9	.3	.3								2.3	5.2
S	1.4	.8	.6									2.8	4.6
SSW	.9	.5	.3	.3	.5							2.4	8.5
SW	.9	1.3	.6	.1	.1							3.1	6.0
WSW	1.5	4.5	1.0	.5	.4							7.9	6.0
W	5.5	12.9	4.6	1.1	.3							25.4	5.3
WNW	3.1	7.4	1.9	.8	.3							13.4	5.5
NW	2.7	2.7	1.7									7.0	4.5
NNW	1.5	1.3	.8	.3								3.8	5.1
VARBL													
CALM												12.0	
	24.1	39.2	17.7	5.0	2.0							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 785

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible] 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.6	.2									3.7	3.6
NNE	1.5	1.3	.2									2.9	3.4
NE	1.9	4.0	.3									6.3	3.9
ENE	2.9	4.0	.3	.2								7.4	3.9
E	5.0	3.4	1.0	.8								10.2	4.5
ESE	1.9	1.8	.8									4.5	4.1
SE	1.8	1.3	.3									3.4	4.0
SSE	1.1	.2	.2									1.5	3.3
S	1.3	.5	.2	.2								2.1	4.2
SSW	1.0	.2	.2	.3	.2							1.8	6.6
SW	.5	.5	.2									1.1	4.3
WSW	1.0	1.1	.2									2.3	3.8
W	3.7	2.3	.6	.6								7.3	4.4
WNW	2.1	2.4	.3									4.8	3.8
NW	1.5	.6	.2									2.3	3.3
NNW	3.1	1.3	.3									4.7	3.4
VARBL													
CALM												33.8	
	32.1	26.5	5.3	2.1	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 619

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 1?4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 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		.4										.4	4.0
NNE	.4		.8									1.2	6.3
NE	.8	3.2	.4									4.5	5.1
ENE	1.2	3.2	.8									5.3	4.6
E	12.1	14.6	1.6	.8								29.1	3.9
ESE	8.9	10.1	1.6									20.6	3.9
SE	5.3	5.3										10.5	3.3
SSE	2.0	2.0	1.2									5.3	4.8
S	1.2	1.2										2.4	3.2
SSW		.8	1.2	.4								2.4	6.8
SW													
WSW		.4										.4	5.0
W		.4										.4	4.0
WNW													
NW		.8	.4									1.2	5.7
NNW	.4											.4	2.0
VARBL													
CALM												15.8	
	32.4	42.5	8.1	1.2								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 247

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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	.0	.0							2.3	4.9
NNE	.7	.7	.4	.1								1.9	5.0
NE	.9	1.4	.3	.1								2.6	4.5
ENE	1.6	1.8	.5	.3	.0							4.1	4.9
E	4.8	5.7	1.6	.6	.2	.0						12.9	5.0
ESE	3.9	4.9	1.9	.3								10.0	5.0
SE	1.6	3.5	1.3	.4	.0							6.9	5.3
SSE	1.3	1.3	.6	.1	.0							3.3	4.9
S	1.4	1.1	.5	.1		.0	.0					3.1	4.8
SSW	1.0	.8	.3	.3	.1	.0						2.5	6.1
SW	.9	.8	.6	.3	.1							2.6	6.2
WSW	1.2	1.7	.6	.3	.1							3.9	5.7
W	3.1	4.2	1.4	.4	.1							9.1	4.9
WNW	1.9	2.7	.6	.3	.0							5.6	4.9
NW	1.4	1.0	.5	.0	.0							2.9	4.4
NNW	1.5	.5	.3	.1								2.4	4.0
VARBL													
CALM												24.0	
	26.3	32.7	11.9	3.6	.9	.1	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 4315

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

USE WITH CAUTION
SEE FIRST PAGE

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5										.5	4.0
NNE	2.2		.5	.5								3.3	4.8
NE	.5	1.6	.5									2.7	5.2
ENE	4.9	3.8	1.1									9.8	3.8
E	12.0	20.7	2.7									35.3	4.1
ESE	6.5	9.2	1.6									17.4	4.1
SE	1.6	7.6	1.1									10.3	4.5
SSE	.5	.5										1.1	3.5
S			.5									.5	8.0
SSW													
SW			.5									.5	8.0
WSW	.5											.5	3.0
W	.5		.5	.5								1.6	8.3
WNW	.5		.5									1.1	6.0
NW	.5											.5	2.0
NNW	1.1											1.1	2.0
VARBL													
CALM												13.6	
	31.5	44.0	9.8	1.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 184

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2...4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1600-2800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.6									1.3	5.6
NNE	.4	.6	.3	.1								1.4	5.5
NE	.7	1.3	.3									2.3	4.6
ENE	3.6	3.8	.4									7.8	3.6
E	11.1	18.9	1.3									31.3	3.9
ESE	7.8	10.5	1.9									20.2	4.1
SE	3.6	3.9	.6									8.1	3.9
SSE	1.3	1.4	.3									2.7	3.9
S	.7	.1	.1									1.0	3.3
SSW	.3	.3										.6	3.3
SW	.3		.1									.4	4.7
WSW			.7									.7	8.2
W	.1	.7		.1								1.0	6.6
WNW	.1	.3										.4	3.3
NW	.4	.4										.9	3.5
NNW	.3		.1									.4	4.3
VARBL													
CALM												19.3	
	31.0	42.6	6.8	.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 693

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 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	.7	.6	.4									1.6	4.3
NNE	1.1	.7	.1	.1								2.0	4.2
NE	.6	1.2	.2	.1								2.1	4.6
ENE	1.2	.7	.2	.1								2.2	3.9
E	4.2	3.6	.8	.4	.1							9.2	4.3
ESE	4.[illegible]	7.1	2.8	.1								14.0	4.8
SE	3.8	4.6	2.4	.6								11.3	5.1
SSE	1.8	1.8	.5									4.0	4.1
S	1.1	1.1	.2									2.4	4.0
SSW	.6	.5	.1									1.2	3.7
SW	1.5	.7	.1	.1								2.5	3.5
WSW	1.8	.6	.2									2.6	3.3
W	.7	1.5	.7	.6								3.5	6.4
WNW	1.2	.6	.2	.2								2.2	4.9
NW	.9	.6	.2									1.8	3.9
NNW	.6	.2										.8	2.9
VARBL													
CALM												36.7	
	25.6	26.0	9.3	2.4	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 851

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 034 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.5	.1								3.1	4.8
NNE	.7	.9	.6	.1								2.3	5.6
NE	.2	.4	.6									1.2	6.2
ENE	.6	.4	.2									1.2	4.8
E	.6	.9	1.5	1.9								4.9	9.1
ESE	.6		.4	.2								1.2	6.1
SE	.7	.8	1.3	.1								2.9	6.2
SSE	1.2	1.3	.9	.1								3.5	5.2
S	2.1	1.4	.5	.1	.1							4.2	4.3
SSW	1.1	.5	.1	.1								1.8	4.1
SW	2.5	1.5	.5									4.5	3.8
WSW	2.7	2.1	1.2	.4								6.3	4.9
W	5.9	5.2	2.2	.6								13.8	4.5
WNW	4.1	2.5	1.1	.1								7.7	4.2
NW	3.6	1.1	.6	.4								5.6	4.0
NNW	1.6	.8	.2									2.7	3.6
VARBL													
CALM												33.0	
	39.2	21.1	12.3	4.2	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 852

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

...AL CLIMATOLOGY BRANCH
...FETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

2 ...4 (STATION) | ...ILLIAMS AFB AZ (STATION NAME) | 69-7...73-8... (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	...3	1.5	.4	.1								4.1	4.2
NNE	.7	.4	.7									1.8	5.1
NE	.7	.4	.7	.4								2.2	6.5
ENE	.5	.7	.8	.3								2.3	7.1
E	.7	1.1	1.4	1.4								4.5	7.7
ESE	.7	.3	.1	.1								1.4	5.3
SE	1.1	.3	.3	.3								1.9	4.9
SSE	.7	.8		.1								1.6	4.5
S	.7	.5	.3			.1						1.6	5.8
SSW	1.4	.9	.3		.1							2.7	4.5
SW	1.2	1.6	.5	.3								3.7	4.7
WSW	2.3	3.1	.7									5.8	4.3
W	7.9	9.9	2.8	.9								21.6	4.7
WNW	4.3	7.3	1.9	.1								13.7	4.4
NW	2.6	2.6	.5	.4								6.1	5.0
NNW	1.2	1.1	.3	.1								2.7	4.1
VARBL													
CALM												22.4	
	28.0	33.1	11.7	4.6	.1	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 737

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

[illegible]EAL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

2[illegible]4 (STATION) | [illegible]ILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	1.6	.2	.2								5.0	3.4
NNE	1.4	1.[illegible]										2.4	3.3
NE	1.4	2.6	.4	.2								4.6	4.5
ENE	2.8	2.2										5.0	3.5
E	5.0	5.6										10.6	3.4
ESE	2.4	2.[illegible]	.2									4.6	3.3
SE	2.2	.6	.2	.2								3.2	3.8
SSE	.8	.6										1.4	3.0
S	1.[illegible]	.6										1.6	2.9
SSW	1.[illegible]	.4										1.4	3.0
SW	1.4	1.2										2.6	3.5
WSW	1.8	.2										2.0	2.3
W	2.6	2.6	.2									5.4	3.6
WNW	2.8	1.[illegible]	.2									4.0	3.1
NW	1.6	1.2										2.8	3.1
NNW	2.[illegible]	1.[illegible]										3.0	3.1
VARBL													
CALM												40.2	
	33.3	24.5	1.4	.6								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 498

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

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

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

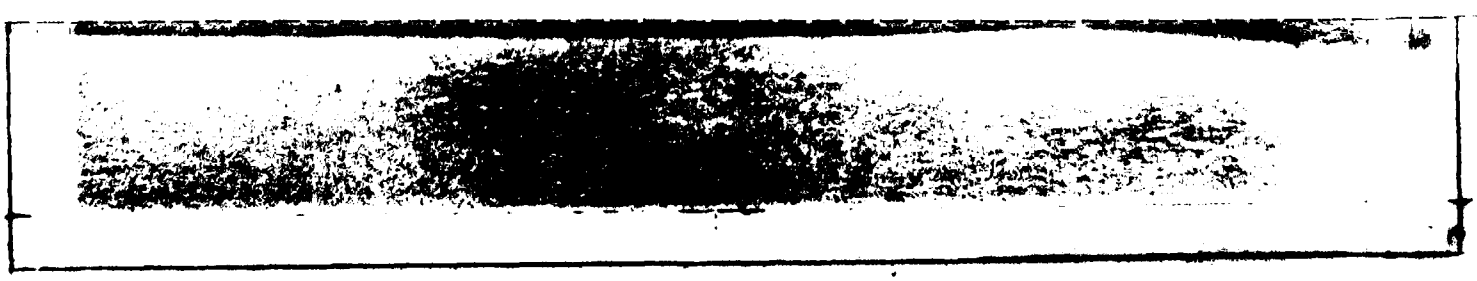
2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3		.5									2.7	3.5
NNE	.9	.5	1.4									2.7	5.8
NE	1.4		1.4									2.7	5.5
ENE	4.1	2.7	.5									7.2	3.7
E	13.6	10.9	.5									24.9	3.4
ESE	8.6	7.7	1.4									17.6	3.6
SE	1.8	5.4										7.2	3.9
SSE	2.7	1.4										4.1	2.8
S	.9	1.4	.5									2.7	4.8
SSW	.9		.5									1.4	3.7
SW	1.4	.5										1.8	2.8
WSW	.5											.5	2.0
W		.5										.5	4.0
WNW		.5										.5	4.0
NW	.5			.5								.9	9.0
NNW													
VARBL													
CALM												22.6	
	39.4	31.2	6.3	.5								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 221

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 1 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-73,73-80 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.4	.1								2.8	4.2
NNE	.9	.7	.4	.1								2.1	4.8
NE	.7	1.0	.5	.1								2.3	5.2
ENE	1.9	1.6	.4	.1								3.9	4.1
E	5.0	6.6	1.1	.7	.0							13.5	4.5
ESE	3.4	4.5	1.2	.1								9.2	4.3
SE	2.2	2.6	1.0	.2								6.0	4.7
SSE	1.2	1.2	.3	.0								2.8	4.2
S	1.1	.8	.3	.0	.0	.0						2.2	4.3
SSW	.8	.5	.1	.0	.0							1.5	3.9
SW	1.4	.9	.3	.1								2.7	3.9
WSW	1.6	1.2	.5	.1								3.4	4.4
W	2.2	3.7	1.2	.5								8.5	4.8
WNW	1.3	2.2	.7	.1								5.3	4.2
NW	1.8	1.0	.3	.2								3.2	4.3
NNW	1.0	.5	.1	.0								1.7	3.5
VARBL													
CALM												28.9	
	29.7	30.0	8.8	2.4	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 4036

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 . 4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-81 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.8	.4	.1	.0	.0						2.5	5.0
NNE	.5	.5	.3	.1	.0	.0	.0					1.5	5.9
NE	.7	.6	.3	.1	.0	.0						1.7	4.9
ENE	1.2	1.1	.4	.1	.0	.0	.0					2.9	4.6
E	3.1	5.2	1.6	.6	.1	.0	.0					10.6	5.3
ESE	2.1	4.4	2.7	.5	.1	.0						9.7	5.8
SE	1.6	3.1	2.2	.4	.0	.0	.0					7.4	5.8
SSE	1.3	1.6	1.0	.2	.0	.0		.0				4.1	5.5
S	1.4	1.4	.9	.3	.1	.0	.0					4.1	5.9
SSW	.9	1.1	.8	.4	.1	.0	.0					3.3	6.8
SW	1.0	1.4	1.1	.5	.1	.0	.0					4.0	6.6
WSW	1.2	2.2	1.7	.5	.1	.0						5.7	6.3
W	2.3	5.2	4.0	.7	.1	.2	.0					12.4	6.1
WNW	1.5	2.9	2.3	.5	.1	.0						7.3	6.1
NW	1.2	1.9	1.3	.3	.0	.0						4.7	5.7
NNW	1.1	1.3	.6	.1	.0		.0					3.1	4.9
VARBL													
CALM												14.9	
	22.2	34.7	21.5	5.6	.9	.2	.0	.0				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 54917

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2 [illegible]4 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-81 (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	.8	2.4		.8								4.0	6.6
NNE		1.6	.8			.8	1.6					4.8	17.0
NE	.8		.8	.8								2.4	8.7
ENE	2.4	3.2										5.6	3.6
E	1.6	1.6	1.6	2.4	.8	1.6						9.5	11.2
ESE	1.6	2.4	.8	2.4		1.6						8.7	10.7
SE	3.2	2.4			.8	.8	.8					7.9	10.3
SSE				.8	.8	1.6						3.2	19.8
S	.8	1.6			.8	2.4						5.6	14.9
SSW	1.6	.8			3.2		.8					6.3	14.1
SW	.8	2.4		.8		.8						4.8	9.3
WSW		.8	.8									1.6	7.0
W	.8	3.2	.8	.8	1.6	.8						7.9	10.6
WNW	.8	1.6	.8	.8	1.6	1.6						7.1	13.3
NW		.8	.8									1.6	7.0
NNW	.8	.8	.8				.8					3.2	10.8
VARBL													
CALM												15.9	
	15.9	25.4	7.9	9.5	9.5	11.9	4.0					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 126

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

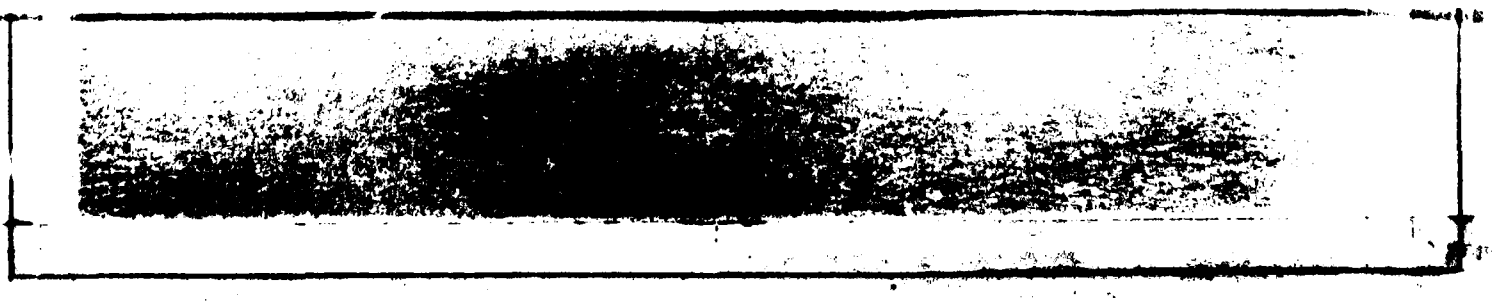
Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently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

D

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

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

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 104	WILLIAMS AFB AZ	70,73-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.3	73.6	74.0	74.5	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	74.5	75.7	76.2	76.6	77.0	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	74.9	76.2	76.6	77.0	77.4	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	74.9	76.2	76.6	77.0	77.4	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	77.0	78.3	78.7	79.1	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	80.4	81.7	82.1	82.6	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	85.1	86.4	86.8	87.2	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	86.0	87.2	87.7	88.1	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	88.9	90.2	90.6	91.1	91.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	89.8	91.1	91.5	91.9	92.3	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	91.9	93.2	93.6	94.0	94.5	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	93.6	95.3	95.7	96.6	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	93.6	95.3	95.7	96.6	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	93.6	95.3	95.7	96.6	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	93.6	95.3	95.7	96.6	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	94.5	96.2	97.0	97.9	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	94.5	96.2	97.0	97.9	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	94.5	96.2	97.0	97.9	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	94.5	96.2	97.0	97.9	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.9	97.0	97.9	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 235

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] | WILLIAMS AFB AZ | 70,73-81 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.1	67.9	68.3	68.6	69.0	69.0	69.1	69.5	69.5	69.6	69.8	69.8	69.8	69.9	70.0	70.2
≥ 20000	70.2	72.1	72.5	72.8	73.2	73.3	73.5	73.9	73.9	74.0	74.1	74.1	74.1	74.2	74.4	74.5
≥ 18000	71.1	73.1	73.5	73.7	74.1	74.2	74.4	74.8	74.8	74.9	75.0	75.0	75.0	75.2	75.3	75.4
≥ 16000	71.1	73.1	73.5	73.7	74.1	74.2	74.4	74.8	74.8	74.9	75.0	75.0	75.0	75.2	75.3	75.4
≥ 14000	74.1	76.2	76.6	76.9	77.3	77.4	77.5	77.9	77.9	78.1	78.2	78.2	78.2	78.3	78.4	78.6
≥ 12000	77.3	79.2	79.6	79.9	80.3	80.4	80.6	80.9	80.9	81.1	81.2	81.2	81.2	81.3	81.5	81.6
≥ 10000	80.8	83.2	83.6	83.8	84.4	84.5	84.6	85.0	85.0	85.2	85.3	85.3	85.3	85.4	85.5	85.7
≥ 9000	82.0	84.5	84.9	85.2	85.7	85.8	85.9	86.3	86.3	86.5	86.6	86.6	86.6	86.7	86.9	87.0
≥ 8000	84.5	87.1	87.5	87.8	88.3	88.4	88.6	89.0	89.0	89.1	89.2	89.2	89.2	89.4	89.5	89.6
≥ 7000	85.7	88.4	88.8	89.1	89.6	89.8	89.9	90.3	90.3	90.4	90.5	90.5	90.5	90.7	90.8	90.9
≥ 6000	88.1	90.8	91.2	91.5	92.0	92.1	92.2	92.6	92.6	92.8	92.9	92.9	92.9	93.0	93.2	93.3
≥ 5000	91.7	94.5	94.9	95.1	95.7	95.8	95.9	96.3	96.3	96.5	96.6	96.6	96.6	96.7	96.8	97.0
≥ 4500	92.1	94.7	95.1	95.4	95.9	96.1	96.2	96.6	96.6	96.7	96.8	96.8	96.8	97.0	97.1	97.2
≥ 4000	92.1	94.9	95.3	95.5	96.1	96.2	96.3	96.7	96.7	96.8	97.0	97.0	97.0	97.1	97.2	97.4
≥ 3500	92.2	95.0	95.4	95.7	96.3	96.5	96.6	97.0	97.0	97.1	97.2	97.2	97.2	97.4	97.5	97.6
≥ 3000	92.3	95.8	96.3	96.6	97.4	97.6	97.9	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.9	99.1
≥ 2500	92.9	95.8	96.3	96.6	97.4	97.6	97.9	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.9	99.1
≥ 2000	92.9	95.8	96.3	96.6	97.4	97.6	97.9	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.9	99.1
≥ 1800	92.9	95.8	96.3	96.6	97.4	97.6	97.9	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.9	99.1
≥ 1500	93.0	96.2	96.7	97.0	97.8	98.0	98.3	98.8	98.8	98.9	99.1	99.1	99.1	99.2	99.3	99.5
≥ 1200	93.0	96.2	96.7	97.0	97.8	98.0	98.3	98.8	98.8	98.9	99.1	99.1	99.1	99.2	99.3	99.5
≥ 1000	93.3	96.5	97.0	97.2	98.0	98.3	98.6	99.1	99.1	99.2	99.3	99.3	99.3	99.5	99.6	99.7
≥ 900	93.3	96.5	97.0	97.2	98.0	98.3	98.6	99.1	99.1	99.2	99.3	99.3	99.3	99.5	99.6	99.7
≥ 800	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.9
≥ 700	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.9
≥ 600	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.9
≥ 500	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.9
≥ 400	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.9
≥ 300	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	100.0
≥ 200	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	100.0
≥ 100	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	100.0
≥ 0	93.3	96.5	97.0	97.2	98.0	98.3	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 761

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (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	66.2	69.0	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	73.1	76.0	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	73.6	76.4	77.2	77.6	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	74.0	76.9	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	76.6	79.9	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	79.4	82.9	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	82.1	85.6	86.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	82.9	86.3	87.2	87.6	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	84.7	87.4	88.3	88.7	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	84.8	88.2	89.1	89.4	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	87.8	91.3	92.7	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	90.3	94.2	95.7	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	91.8	94.7	96.1	96.6	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	90.9	94.8	96.2	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	91.1	95.0	96.4	96.9	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	91.8	95.8	97.4	97.9	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	91.9	95.9	97.6	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	92.1	96.0	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	92.2	96.2	97.9	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	92.2	96.2	97.9	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	92.2	96.2	97.9	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	92.2	96.2	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	92.2	96.2	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	92.3	96.3	98.0	98.4	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	92.3	96.3	98.1	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 200	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0
≥ 100	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0
≥ 0	92.3	96.3	98.0	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 70,73-81 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.1	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
≥ 20000	72.9	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
≥ 18000	74.7	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	74.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	76.7	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
≥ 12000	79.4	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
≥ 10000	82.4	85.3	85.4	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
≥ 9000	83.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	85.2	88.2	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
≥ 7000	86.8	89.8	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
≥ 6000	90.0	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	91.9	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	92.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	92.9	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	93.6	97.0	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
≥ 3000	94.7	98.3	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
≥ 2500	94.9	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	95.2	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	95.2	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	95.2	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	95.2	99.1	99.3	99.4	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	95.2	99.2	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
≥ 900	95.2	99.2	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
≥ 800	95.2	99.2	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
≥ 700	95.2	99.2	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
≥ 600	95.2	99.2	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
≥ 500	95.2	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.2	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	99.2	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 — STATION
ILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	72.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	74.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 17000	75.7	77.7	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
≥ 14000	78.3	81.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	81.3	83.6	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
≥ 10000	84.1	86.4	86.7	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	85.5	88.0	88.3	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
≥ 8000	86.7	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	88.1	90.6	91.0	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
≥ 6000	91.2	93.8	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	93.2	95.9	96.2	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	93.4	96.1	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	93.9	96.6	97.1	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	94.2	96.8	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	95.7	98.4	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	95.7	98.4	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	95.7	98.5	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	95.9	98.9	99.3	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
≥ 1500	95.9	98.9	99.3	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
≥ 1200	95.9	98.9	99.3	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
≥ 1000	95.9	98.9	99.3	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
≥ 900	95.9	98.9	99.3	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
≥ 800	95.9	98.9	99.3	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
≥ 700	95.9	98.9	99.3	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
≥ 600	95.9	98.9	99.3	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
≥ 500	95.9	98.9	99.3	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
≥ 400	95.9	98.9	99.3	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
≥ 300	95.9	98.9	99.3	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
≥ 200	95.9	98.9	99.3	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	95.9	98.9	99.3	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
≥ 0	95.9	98.9	99.3	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

TOTAL NUMBER OF OBSERVATIONS 223

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

GL PAL CLIMATOLOGY BR NCH
AFETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.7	71.7	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	75.5	77.6	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
≥ 18000	76.3	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	76.7	78.9	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
≥ 14000	79.6	81.8	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	82.1	84.2	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
≥ 10000	85.1	87.3	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	86.2	88.7	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	88.8	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	89.3	91.7	92.3	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
≥ 6000	92.2	94.9	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	93.6	96.3	96.9	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	93.6	96.3	96.9	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	94.1	96.8	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	94.6	97.4	98.1	98.5	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	95.3	98.0	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	98.0	98.6	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 653

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.4	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
≥ 20000	84.3	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
≥ 18000	85.1	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
≥ 16000	85.1	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
≥ 14000	88.3	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
≥ 12000	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 10000	94.3	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	95.4	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	96.8	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	96.8	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	98.2	98.9	98.9	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
≥ 5000	98.6	99.3	99.3	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	98.6	99.3	99.3	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	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	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.6	99.6	100.0	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 281

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

...L CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

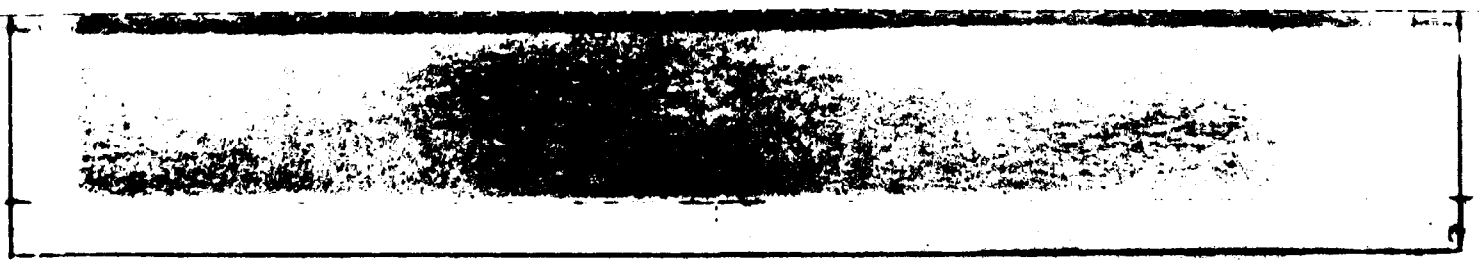
2 ...4 (STATION) | ...WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.9	70.0	70.2	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 20000	73.6	75.8	76.1	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 18000	74.6	76.8	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 16000	75.3	77.2	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
≥ 14000	77.7	80.0	80.3	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 12000	80.6	83.0	83.4	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 10000	83.7	86.1	86.6	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 9000	84.8	87.3	87.8	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 8000	86.6	89.2	89.6	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 7000	87.6	90.2	90.7	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	90.4	93.1	93.7	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 5000	92.5	95.5	96.0	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 4500	92.8	95.7	96.3	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	93.1	96.0	96.6	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 3500	93.5	96.4	96.9	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	94.3	97.3	98.0	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	94.4	97.5	98.1	98.4	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 2000	94.5	97.6	98.2	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1800	94.6	97.7	98.3	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
≥ 1500	94.6	97.8	98.4	98.8	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	94.6	97.8	98.4	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000	94.6	97.8	98.5	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 900	94.6	97.8	98.5	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	94.7	97.9	98.5	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
≥ 700	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	94.7	97.9	98.5	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4552



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
FEB — MONTH
0300-0500 — 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	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.9	75.9
≥ 20000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.5	79.5
≥ 18000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.5	79.5
≥ 16000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.5	79.5
≥ 14000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8	81.8
≥ 12000	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	83.6	83.6
≥ 10000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.3	87.3
≥ 9000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6
≥ 8000	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	90.9	90.9
≥ 7000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8	91.8
≥ 6000	93.6	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	94.5	94.5
≥ 5000	96.4	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	97.3	97.3
≥ 4500	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.2	98.2
≥ 4000	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.2	98.2
≥ 3500	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6
≥ 3000	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.1	99.1
≥ 2500	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 2000	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 1800	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 1500	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 1200	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 1000	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 900	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 800	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 700	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 600	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 500	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 400	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 300	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 200	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 100	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 0	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 220

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2114 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (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	72.2	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 20000	76.2	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	77.1	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
≥ 16000	77.4	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	80.4	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	82.2	83.2	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
≥ 10000	85.1	86.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	86.3	87.5	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
≥ 8000	87.4	88.6	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
≥ 7000	88.1	89.3	89.5	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
≥ 6000	91.3	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	94.5	96.2	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
≥ 4500	94.8	96.5	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
≥ 4000	95.5	97.2	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	96.2	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
≥ 3000	96.8	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	96.8	98.7	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
≥ 2000	96.9	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	96.8	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	96.8	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	96.8	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	96.8	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.8	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.8	99.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.8	99.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.8	99.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.8	99.0	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.8	99.0	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.8	99.0	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	99.0	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.8	99.0	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 713

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.4	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	77.3	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	78.8	80.2	80.2	80.2	80.4	80.4	8 .4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	79.1	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	81.1	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	83.3	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	85.2	86.8	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	86.3	87.9	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	88.4	90.0	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	88.9	90.5	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	90.9	92.7	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	93.8	96.1	96.3	96.5	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	93.8	96.1	96.3	96.5	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	94.8	97.3	97.6	97.7	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	94.9	97.4	97.7	97.8	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	95.4	97.9	98.2	98.3	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	95.5	98.2	98.4	98.5	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	95.5	98.2	98.4	98.7	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	95.5	98.2	98.4	98.7	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	95.5	98.4	98.7	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	95.5	98.4	98.7	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	95.5	98.4	98.7	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	95.5	98.4	98.7	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.5	98.4	98.7	98.9	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] | WILLIAMS AFB AZ | 70,73-81 | FEB

STATION | STATION NAME | YEARS | MONTH

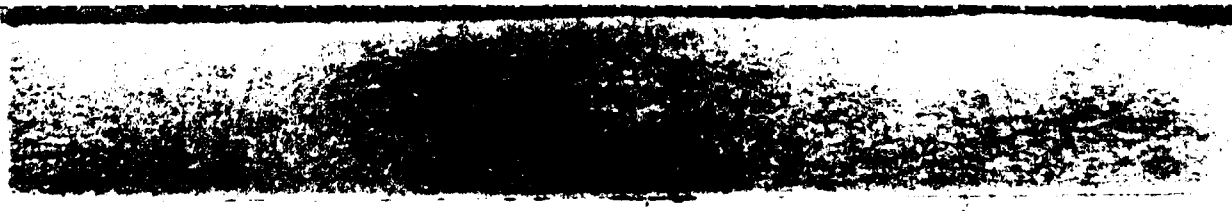
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.7	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	77.9	79.0	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	78.6	79.7	79.9	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	78.8	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	81.4	82.5	82.7	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
≥ 12000	83.1	84.2	84.4	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
≥ 10000	84.9	86.0	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	85.8	86.9	87.1	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	87.0	88.1	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	87.6	88.7	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	90.7	91.2	91.5	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
≥ 5000	92.5	93.2	94.4	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
≥ 4500	92.8	94.5	94.8	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	94.4	95.2	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
≥ 3500	95.3	97.1	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	96.6	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	96.6	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	96.6	98.4	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
≥ 1800	96.6	98.4	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
≥ 1500	96.6	98.5	98.9	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.6	98.7	99.0	99.4	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	96.6	98.7	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.6	98.7	99.0	99.4	99.6	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 822

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.0	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	76.4	76.9	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
≥ 18000	77.8	78.3	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
≥ 16000	78.3	78.9	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
≥ 14000	80.7	81.2	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	82.6	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	85.9	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	87.1	87.6	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	88.6	89.2	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	89.2	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	91.8	92.5	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	94.1	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	94.3	95.1	95.8	95.8	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	95.9	96.8	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	96.6	97.5	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	97.4	98.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	97.4	98.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	97.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	97.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.4	99.2	99.3	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	97.4	98.4	99.2	99.3	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 757

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 70,73-81 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	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	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	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	90.9
≥ 8000	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
≥ 7000	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
≥ 6000	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 617

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (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	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
≥ 20000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 10000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 9000	94.9	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
≥ 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	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	98.5	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
≥ 4500	98.5	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
≥ 4000	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	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	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	100.0	100.0	100.0	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 273

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFGWC/WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
FEB — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	78.2	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	79.2	79.9	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
≥ 16000	79.7	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 14000	82.1	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	84.0	84.8	84.9	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
≥ 10000	86.7	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	87.7	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	89.2	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	89.7	90.5	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
≥ 6000	92.1	93.2	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	94.6	95.9	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	94.9	96.2	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	95.9	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	96.4	97.9	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	97.1	98.6	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 2500	97.1	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	97.1	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1800	97.1	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1500	97.1	98.9	99.2	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
≥ 1200	97.1	98.9	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.1	98.9	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.1	98.9	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.1	98.9	99.2	99.4	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	97.1	98.9	99.2	99.4	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	97.1	98.9	99.2	99.4	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	97.1	98.9	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.1	98.9	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.1	98.9	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	98.9	99.2	99.4	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	97.1	98.9	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.1	98.9	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4222

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (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	72.9	73.3	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
≥ 20000	78.1	78.5	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
≥ 18000	78.5	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	78.9	79.4	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
≥ 14000	81.0	81.4	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	82.6	83.0	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
≥ 10000	86.6	87.0	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	87.0	87.4	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
≥ 8000	88.7	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	89.9	90.3	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	92.3	92.7	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
≥ 5000	95.1	95.5	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	95.1	95.5	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	96.3	96.8	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	96.4	97.2	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	96.8	98.0	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
≥ 2500	97.2	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	97.2	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	97.2	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	97.6	98.8	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
≥ 1200	97.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.6	98.8	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
≥ 900	97.6	98.8	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
≥ 800	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.8	99.6	99.6	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 247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.8	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000	77.1	77.9	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
≥ 18000	77.6	78.4	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
≥ 16000	77.7	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 14000	78.6	79.7	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	81.2	82.3	82.7	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
≥ 10000	84.2	85.3	85.7	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
≥ 9000	84.3	85.4	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
≥ 8000	85.3	86.4	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
≥ 7000	86.3	87.4	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
≥ 6000	89.5	90.6	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
≥ 5000	93.3	94.4	94.8	94.8	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	93.8	94.9	95.3	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
≥ 4000	95.1	96.4	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	96.3	97.5	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
≥ 3000	96.9	98.3	98.9	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	97.1	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	97.1	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	97.1	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	97.3	98.6	99.3	99.3	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	97.3	98.6	99.3	99.3	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	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	98.8	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	70.6	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	77.1	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	77.6	78.4	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.1	78.7	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	79.0
≥ 14000	79.2	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	81.4	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	84.5	85.5	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	85.8
≥ 9000	84.9	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	86.0	87.0	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
≥ 7000	87.1	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	89.5	90.5	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
≥ 5000	92.0	93.2	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	92.7	93.9	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	94.2	95.5	95.8	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	96.4	97.4	97.7	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	97.1	98.6	98.9	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	97.1	98.6	98.9	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	97.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	97.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	97.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	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	97.3	98.9	99.2	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 : 4 (STATION) | ...ILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (MONTH)

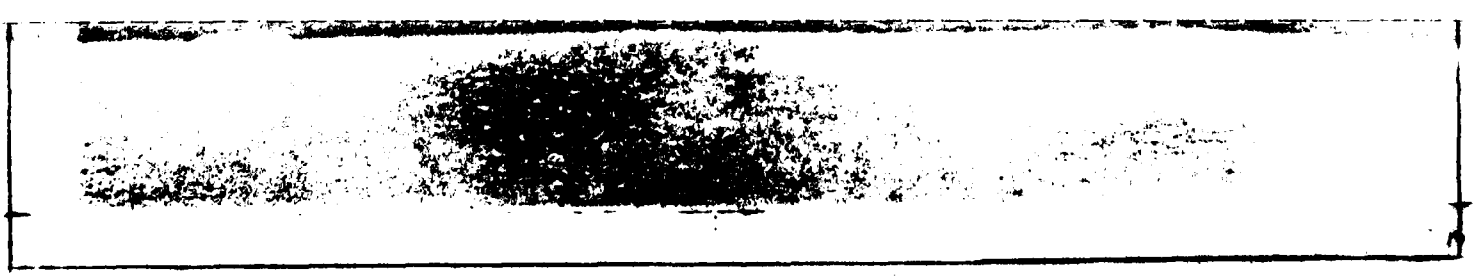
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	74.4	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	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	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	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	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
≥ 8000	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	90.3	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
≥ 4500	91.1	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
≥ 4000	94.1	94.9	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
≥ 3500	96.2	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	97.3	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	97.5	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	97.7	98.8	99.0	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	97.7	98.8	99.0	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	97.7	98.8	99.0	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.7	98.8	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.7	98.8	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.7	98.8	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.9	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	77.2	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
≥ 18000	78.3	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
≥ 16000	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	80.2	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
≥ 12000	81.7	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	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	90.6	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
≥ 5000	94.5	95.4	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
≥ 4500	94.6	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
≥ 4000	95.8	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	96.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	97.3	98.4	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
≥ 2500	97.4	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.5	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.5	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.8	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 654

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.5	73.5	73.7	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	78.5	79.5	79.8	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	79.5	80.5	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	79.6	80.6	80.9	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	81.2	82.2	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	82.3	83.3	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 10000	84.4	85.4	85.7	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	84.8	85.8	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	85.8	86.8	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	87.4	88.3	88.6	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	89.9	90.9	91.2	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	94.2	95.4	95.8	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	94.5	95.6	96.1	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	95.2	96.3	96.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.6	97.8	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	97.1	98.5	98.9	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
≥ 2500	97.1	98.5	98.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	97.3	98.7	99.2	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	97.3	98.7	99.2	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	98.9	99.3	99.3	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	97.5	98.9	99.3	99.3	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 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1?4	WILLIAMS AFB AZ	70,73-81	MAR
STATION	STATION NAME	YEARS	MONTH

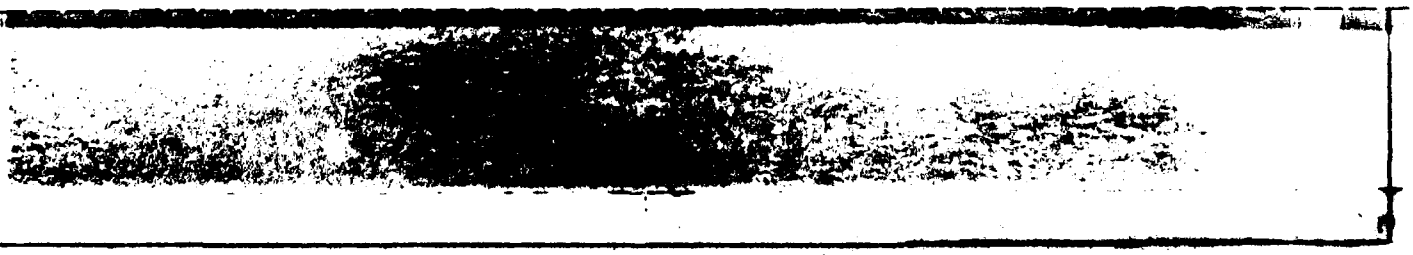
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 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	85.4	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
≥ 16000	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
≥ 14000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 12000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 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	90.1	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	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 7000	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	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
≥ 5000	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4000	98.2	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
≥ 3500	98.2	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
≥ 3000	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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	98.8	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 342

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



CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 174 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (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	70.6	71.2	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	77.4	78.0	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	78.2	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	78.5	79.1	79.2	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
≥ 14000	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	81.8	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	84.7	85.3	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	85.6
≥ 9000	85.1	85.7	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
≥ 8000	86.0	86.7	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
≥ 7000	87.1	87.8	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
≥ 6000	89.7	90.5	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
≥ 5000	93.2	94.1	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	93.7	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	95.1	96.2	96.5	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
≥ 3500	96.5	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	97.2	98.5	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	97.4	98.6	99.0	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
≥ 2000	97.5	98.8	99.2	99.2	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	97.5	98.8	99.2	99.2	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	97.6	98.9	99.3	99.3	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	97.6	98.9	99.3	99.3	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	97.6	98.9	99.3	99.4	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	97.6	98.9	99.3	99.4	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	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4817

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1?4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.6	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
≥ 20000	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	90.9
≥ 18000	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
≥ 16000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 14000	92.6	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	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	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 9000	97.9	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
≥ 8000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 7000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	99.2	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
≥ 5000	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
≥ 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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 242

USAF ETAC FORM JUL 68 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1'4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	88.7	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	89.1	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
≥ 16000	89.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 12000	92.6	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
≥ 10000	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 8000	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 7000	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 6000	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	99.1	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	99.1	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	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.5	99.9	99.9	99.9	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	99.9	99.9	99.9	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	99.6	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 781

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (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	85.9	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
≥ 20000	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 18000	90.4	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
≥ 16000	90.7	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	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 12000	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 10000	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	98.9	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
≥ 4500	98.9	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	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.6	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | APR (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	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 20000	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 18000	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 16000	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 14000	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	91.4	91.4	91.4
≥ 12000	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	91.9	91.9	91.9
≥ 10000	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 9000	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 8000	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	94.9
≥ 7000	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 6000	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	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	98.0	98.0	98.0
≥ 4500	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	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	99.7
≥ 3500	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	99.7
≥ 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 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

2 1 1 4	WILLIAMS AFB AZ	70,73-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.6	82.1	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
≥ 20000	87.2	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 18000	87.4	87.8	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
≥ 16000	87.6	88.1	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
≥ 14000	88.7	89.2	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
≥ 12000	90.4	90.9	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
≥ 10000	92.8	93.3	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
≥ 9000	92.8	93.3	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	94.3	94.8	94.9	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
≥ 7000	95.2	95.7	95.8	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	96.1	96.5	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	97.5	98.0	98.1	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
≥ 4500	98.3	98.8	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	98.8	99.3	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 831

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.7	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
≥ 20000	88.7	88.8	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
≥ 18000	88.8	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	89.2
≥ 16000	88.8	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	89.2
≥ 14000	89.8	89.9	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
≥ 12000	91.1	91.2	91.4	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
≥ 10000	93.5	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	93.9	94.1	94.2	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
≥ 8000	94.3	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	95.0	95.2	95.3	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
≥ 6000	95.8	95.9	96.2	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	97.7	98.3	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4500	98.2	98.7	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.0	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (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	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 20000	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
≥ 18000	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
≥ 16000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	93.1	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
≥ 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	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
≥ 9000	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
≥ 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	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
≥ 6000	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
≥ 5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 346

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 70,73-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 20000	89.3	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
≥ 18000	89.6	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
≥ 16000	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 14000	90.9	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
≥ 12000	92.2	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
≥ 10000	94.1	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
≥ 9000	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	95.4	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
≥ 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	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	98.7	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	99.3
≥ 4000	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	99.8
≥ 3500	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
≥ 3000	99.4	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
≥ 2500	99.4	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
≥ 2000	99.4	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
≥ 1800	99.4	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
≥ 1500	99.4	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
≥ 1200	99.4	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
≥ 1000	99.4	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
≥ 900	99.4	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
≥ 800	99.4	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
≥ 700	99.4	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
≥ 600	99.4	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
≥ 500	99.4	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
≥ 400	99.4	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
≥ 300	99.4	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
≥ 200	99.4	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	99.4	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
≥ 0	99.4	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

TOTAL NUMBER OF OBSERVATIONS 4706

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 14000	94.2	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
≥ 12000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 10000	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
≥ 9000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 8000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 7000	99.2	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
≥ 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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 241

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAY (MONTH)

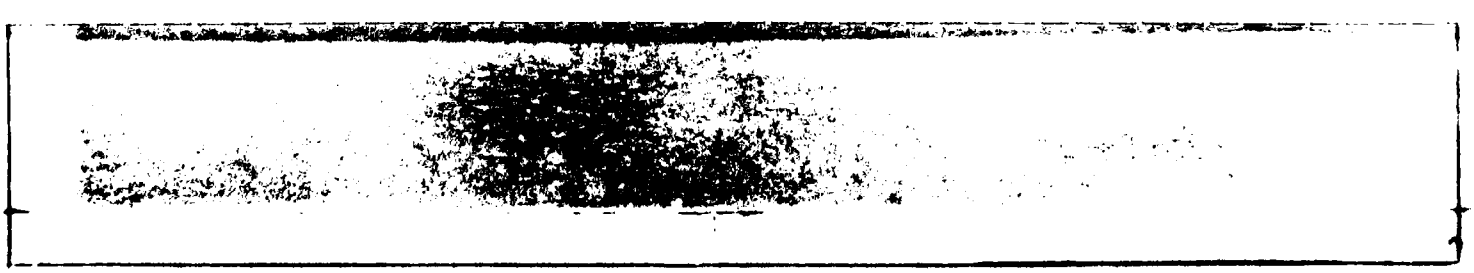
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-080... (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	87.7	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.
≥ 20000	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.
≥ 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.
≥ 16000	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.
≥ 14000	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.
≥ 12000	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	95.
≥ 10000	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.
≥ 9000	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.
≥ 8000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 7000	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.
≥ 6000	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.
≥ 5000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 4500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 4000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 3500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 3000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 2500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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.
≥ 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	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.

TOTAL NUMBER OF OBSERVATIONS 78

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



...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS

2 ...4 (STATION) | ...ILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89
≥ 20000	94.3	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
≥ 18000	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95
≥ 16000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95
≥ 14000	95.4	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
≥ 12000	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97
≥ 10000	97.8	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
≥ 9000	97.8	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
≥ 8000	98.3	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
≥ 7000	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98
≥ 6000	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
≥ 5000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99
≥ 4500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99
≥ 4000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 3500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | .ILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAY (MONTH)

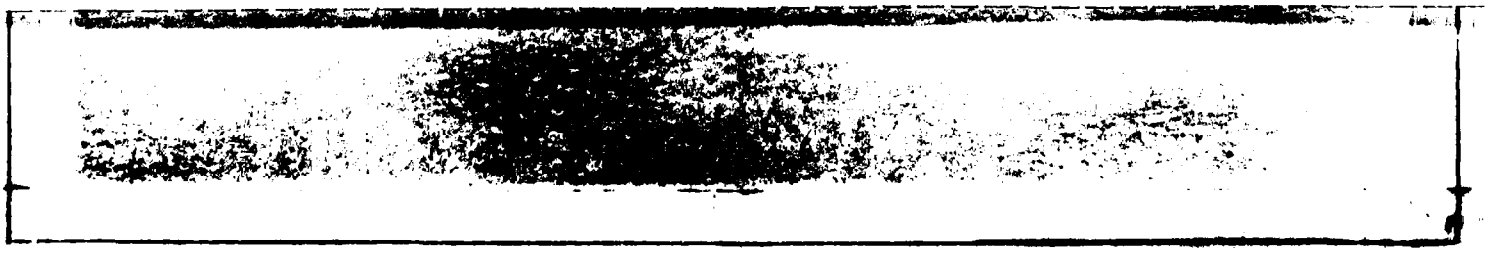
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.0 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	87.1	87.1	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
≥ 20000	92.8	93.1	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
≥ 18000	94.1	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 14000	94.3	95.1	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
≥ 2000	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	96.6
≥ 10000	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 9000	96.4	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	96.8	96.8
≥ 8000	96.6	96.7	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
≥ 7000	97.1	97.1	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
≥ 6000	98.3	98.5	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
≥ 5000	99.2	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
≥ 4500	99.6	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
≥ 4000	99.6	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
≥ 3500	99.6	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
≥ 3000	99.6	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
≥ 2500	99.6	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
≥ 2000	99.6	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
≥ 1800	99.6	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
≥ 1500	99.6	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
≥ 1200	99.6	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
≥ 1000	99.6	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
≥ 900	99.6	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
≥ 800	99.6	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
≥ 700	99.6	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
≥ 600	99.6	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
≥ 500	99.6	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
≥ 400	99.6	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
≥ 300	99.6	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
≥ 200	99.6	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	99.6	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
≥ 0	99.6	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

TOTAL NUMBER OF OBSERVATIONS 907

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 70,73-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	<¼
NO CEILING	84.4	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 20000	91.3	92.0	92.1	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 18000	92.4	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 16000	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
≥ 14000	93.5	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 12000	94.6	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 10000	95.3	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 9000	95.6	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2
≥ 8000	95.9	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 7000	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8
≥ 6000	98.3	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 5000	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 4500	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 4000	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 3500	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 3000	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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	99.1	99.5	99.5	99.5	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 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-2000 (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	79.9	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	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	89.8	89.9	89.9	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
≥ 12000	90.9	90.9	90.9	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
≥ 10000	92.7	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	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	95.1	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
≥ 6000	95.5	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
≥ 5000	98.3	98.3	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
≥ 4500	99.4	99.7	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 716

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1.4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (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	86.1	86.0	86.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.0
≥ 20000	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
≥ 18000	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
≥ 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
≥ 14000	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
≥ 2000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	96.4	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	96.4
≥ 8000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	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
≥ 5000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2½	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 387

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 70,7[illegible]-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	92.2	92.3	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
≥ 18000	92.8	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	93.0
≥ 16000	93.1	93.2	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
≥ 14000	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 12000	95.3	95.4	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
≥ 10000	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 9000	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000	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	97.3	97.3	97.3
≥ 7000	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 6000	98.3	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
≥ 5000	99.3	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	99.9	99.9
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 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 4775

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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

TOTAL NUMBER OF OBSERVATIONS 238

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 4 | WILLIAMS AFB AZ | 69-70,73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 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	99.9	100.0	100.0	100.0	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 773

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 18000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 16000	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
≥ 14000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 12000	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
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 18000	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
≥ 16000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 14000	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
≥ 12000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 10000	99.8	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
≥ 9000	99.8	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
≥ 8000	99.8	99.8	99.8	99.8	99.8	9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] 4 | WILLIAMS AFB AZ | 69-70,73-80 | JUN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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	99.4
≥ 7000	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	99.4
≥ 6000	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 5000	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	100.0	100.0
≥ 4500	99.6	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
≥ 4000	99.6	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
≥ 3500	99.6	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
≥ 3000	99.6	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
≥ 2500	99.6	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
≥ 2000	99.6	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
≥ 1800	99.6	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
≥ 1500	99.6	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
≥ 1200	99.6	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
≥ 1000	99.6	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	99.6	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	99.6	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
≥ 700	99.6	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
≥ 600	99.6	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
≥ 500	99.6	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
≥ 400	99.6	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
≥ 300	99.6	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
≥ 200	99.6	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
≥ 100	99.6	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
≥ 0	99.6	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

TOTAL NUMBER OF OBSERVATIONS 829

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] 4 | WILLIAMS AFB AZ | 69-70,73-80 | JUN
STATION | STATION NAME | YEARS | MONTH

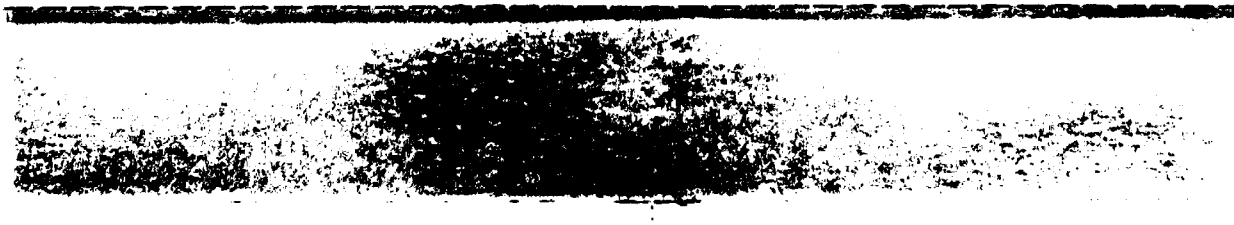
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2300
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	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 20000	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 18000	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 16000	94.3	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
≥ 14000	94.6	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
≥ 12000	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 10000	96.4	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
≥ 9000	96.4	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
≥ 8000	96.7	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	97.3	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	98.0	98.0
≥ 6000	97.9	98.7	99.0	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 5000	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 4500	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 4000	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 3500	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 3000	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 2500	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 2000	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 1800	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 1500	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 1200	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 1000	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 900	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 800	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 700	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 600	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 500	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 400	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 300	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 200	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 0	98.3	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 656

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 69-7[illegible],73-8[illegible] | JUN
STATION | STATION NAME | YEARS | MONTH

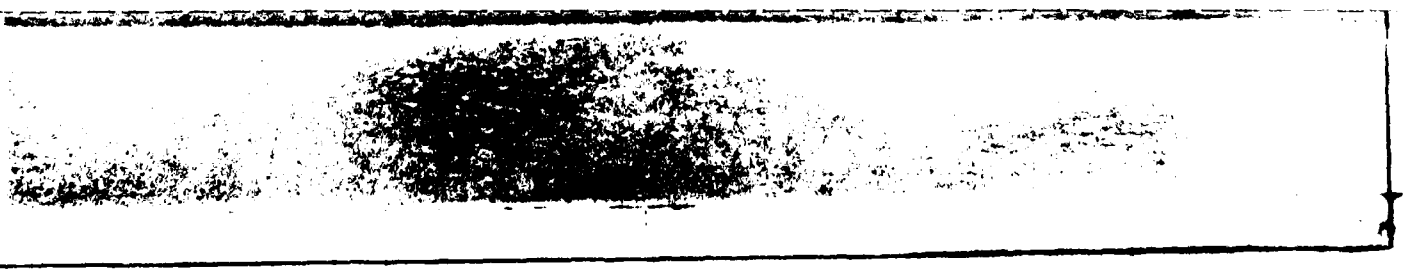
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 20000	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 18000	94.5	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
≥ 16000	94.5	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 6000	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 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	99.5	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
≥ 200	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
≥ 100	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 401

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIB

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-8[illegible]
STATION | STATION NAME | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	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.
≥ 20000	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.
≥ 18000	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.
≥ 16000	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.
≥ 14000	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.
≥ 12000	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.
> 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.
≥ 9000	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.
≥ 8000	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.
≥ 7000	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.
≥ 6000	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.
≥ 5000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 4500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 4000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 3500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 3000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 2500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 2000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.
≥ 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	100.0	100.0	100.

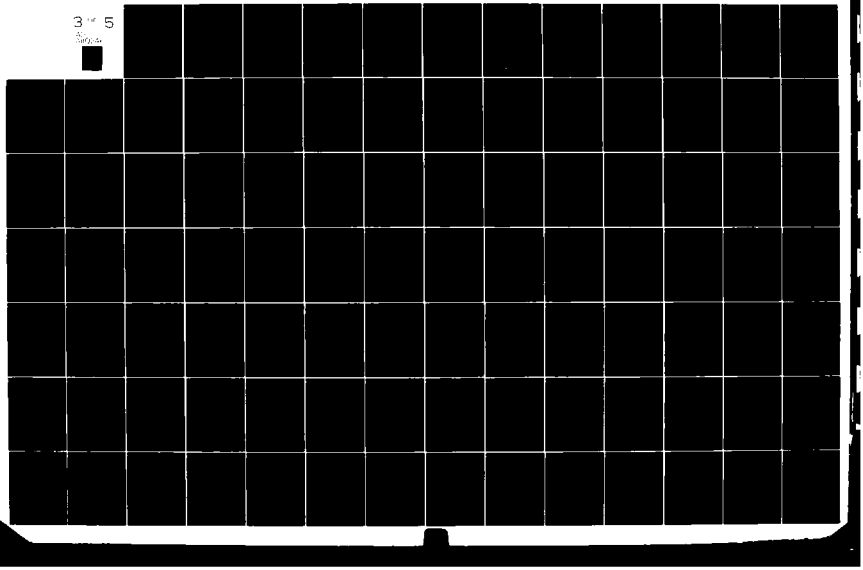
TOTAL NUMBER OF OBSERVATIONS

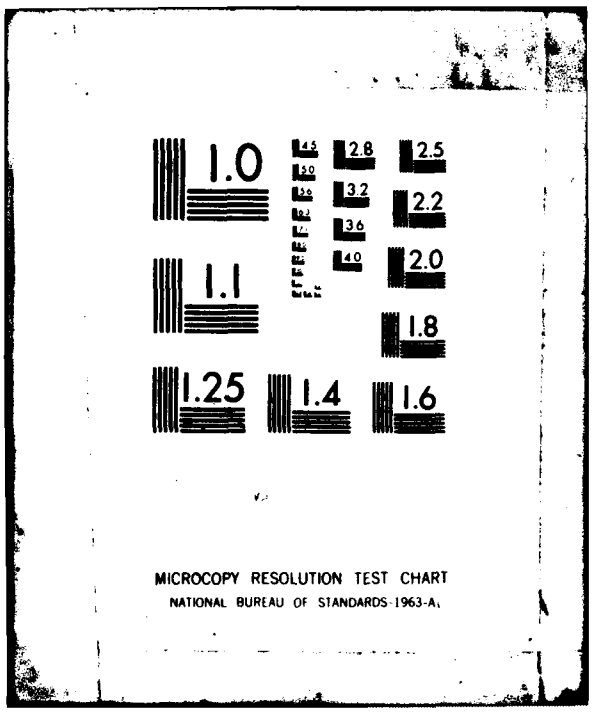
USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A110 246 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS AFB, ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(U)
OCT 81

UNCLASSIFIED USAFETAC/DS-81/096 SBI-AD-E850 129 NL

3 of 5

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1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	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
≥ 12000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 10000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

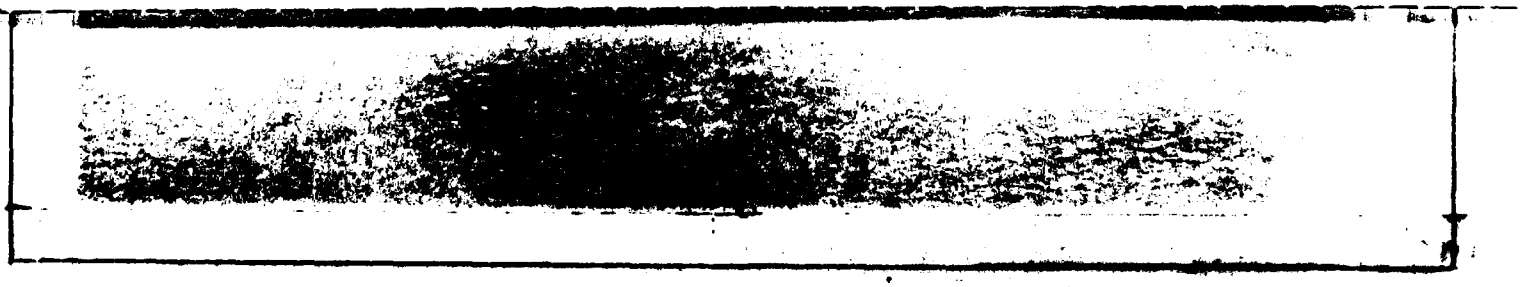
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	77.9	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	77.9	77.9
≥ 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	87.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 10000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 9000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 784

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	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
≥ 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	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
≥ 12000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 10000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 9000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 7000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 904

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.7	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
≥ 20000	90.0	90.0	90.0	90.0	90.	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18000	90.6	90.6	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
≥ 16000	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	91.4	91.4
≥ 14000	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 12000	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	99.3	99.3
≥ 10000	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 9000	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	82.2
≥ 20000	90.5	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
≥ 18000	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 16000	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 12000	97.4	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	97.7
≥ 10000	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	98.2
≥ 9000	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	98.2
≥ 8000	98.1	98.2	98.3	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
≥ 7000	98.9	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
≥ 6000	99.2	99.3	99.4	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
≥ 5000	99.3	99.4	99.5	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
≥ 4500	99.3	99.4	99.5	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
≥ 4000	99.3	99.4	99.5	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
≥ 3500	99.3	99.4	99.5	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
≥ 3000	99.3	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.3	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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	99.3	99.4	99.5	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 841

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.3	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	77.4	77.6	77.7	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	78.4	78.6	78.7	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	79.1	79.2	79.4	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	84.4	84.5	84.7	84.7	85.	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	91.5	91.8	92.1	92.1	92.5	92.6	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 10000	92.1	92.3	92.6	92.6	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	92.1	92.3	92.6	92.6	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	92.3	92.6	92.9	92.9	93.5	93.6	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	94.0	94.4	94.8	94.8	95.5	95.7	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	97.9	98.6	98.6	99.3	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	76.3	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	76.5	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	77.1	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	83.5	83.7	83.7	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	92.1	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 10000	94.1	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	94.1	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	94.8	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000	95.8	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	98.3	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 405

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUL (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	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	96.8	96.9	96.9	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
≥ 10000	97.5	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 9000	97.5	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 8000	97.7	97.8	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
≥ 7000	98.3	98.4	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	99.3	99.5	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
≥ 5000	99.3	99.5	99.6	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
≥ 4500	99.3	99.5	99.6	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
≥ 4000	99.3	99.5	99.6	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
≥ 3500	99.3	99.5	99.6	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
≥ 3000	99.3	99.5	99.6	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
≥ 2500	99.3	99.5	99.6	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
≥ 2000	99.3	99.5	99.6	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
≥ 1800	99.3	99.5	99.6	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
≥ 1500	99.3	99.5	99.6	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
≥ 1200	99.3	99.5	99.6	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
≥ 1000	99.3	99.5	99.6	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
≥ 900	99.3	99.5	99.6	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
≥ 800	99.3	99.5	99.6	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
≥ 700	99.3	99.5	99.6	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
≥ 600	99.3	99.5	99.6	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
≥ 500	99.3	99.5	99.6	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
≥ 400	99.3	99.5	99.6	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
≥ 300	99.3	99.5	99.6	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
≥ 200	99.3	99.5	99.6	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	99.3	99.5	99.6	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	99.3	99.5	99.6	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 4803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | ~ILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	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
≥ 12000	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
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.3	83.3	83.3	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	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 18000	86.8	86.8	86.8	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
≥ 16000	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	87.3	87.3	87.3
≥ 14000	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	92.2	92.2	92.2
≥ 12000	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 10000	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	99.7
≥ 9000	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	99.7
≥ 8000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.9	99.9	99.9	100.0	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 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 20000	88.6	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
≥ 18000	88.8	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
≥ 16000	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	93.9	93.9	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
≥ 12000	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	98.9	98.9
≥ 10000	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	99.7
≥ 9000	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	99.7
≥ 8000	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
≥ 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	99.8	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 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 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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	93.4
≥ 18000	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	93.4
≥ 16000	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	93.5
≥ 14000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 12000	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
≥ 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	99.5	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
≥ 8000	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
≥ 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	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.9	100.0	100.0	100.0	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 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 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	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
≥ 14000	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 12000	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	98.8	98.8
≥ 10000	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	98.8	98.8
≥ 9000	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	98.8	98.8
≥ 8000	98.8	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
≥ 7000	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	99.3	99.3
≥ 6000	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 260

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | AUG

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	84.5	84.7	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
≥ 18000	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 14000	89.9	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	90.6
≥ 12000	95.0	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 10000	96.0	96.3	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	96.7
≥ 9000	96.1	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 8000	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 7000	97.4	97.8	97.9	98.1	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 6000	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 5000	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 4500	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 4000	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3500	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3000	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2500	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 721

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible]4	WILLIAMS AFB AZ	69-70,73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.1	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	82.1	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	82.5	82.5	82.5	82.5	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	82.5	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	87.3	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 12000	91.5	91.8	91.8	91.8	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	94.4	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 9000	95.0	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	95.5	96.0	96.0	96.0	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	96.6	97.1	97.1	97.1	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	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.2	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 378

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 20000	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 18000	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 16000	89.5	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	89.7
≥ 14000	93.3	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	93.6
≥ 12000	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
≥ 10000	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 9000	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	98.8	98.8
≥ 8000	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
≥ 7000	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	99.4	99.4	99.4
≥ 6000	99.4	99.6	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
≥ 5000	99.4	99.6	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
≥ 4500	99.4	99.6	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
≥ 4000	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3500	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3000	99.5	99.7	99.7	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
≥ 2500	99.5	99.7	99.7	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
≥ 2000	99.5	99.7	99.7	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
≥ 1800	99.5	99.7	99.7	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
≥ 1500	99.5	99.7	99.7	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
≥ 1200	99.5	99.7	99.7	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
≥ 1000	99.5	99.7	99.7	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
≥ 900	99.5	99.7	99.7	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
≥ 800	99.5	99.7	99.7	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
≥ 700	99.5	99.7	99.7	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
≥ 600	99.5	99.7	99.7	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
≥ 500	99.5	99.7	99.7	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
≥ 400	99.5	99.7	99.7	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
≥ 300	99.5	99.7	99.7	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
≥ 200	99.5	99.7	99.7	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	99.5	99.7	99.7	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
≥ 0	99.5	99.7	99.7	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

TOTAL NUMBER OF OBSERVATIONS 4862

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2[illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.1	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
≥ 20000	90.2	90.7	90.7	90.7	9 .7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 18000	90.2	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	90.7	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	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 10000	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 9000	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 8000	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	99.6	100.0	100.0	100.0	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	99.6	100.0	100.0	100.0	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	99.6	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 225

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	81.1	81.2	81.2
≥ 20000	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.1	83.2	83.2
≥ 18000	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.7	83.8	83.8
≥ 16000	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.9	84.1	84.1
≥ 14000	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.4	88.6	88.6
≥ 12000	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.5	95.6	95.6
≥ 10000	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.5	97.7	97.7
≥ 9000	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.5	97.7	97.7
≥ 8000	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.7	97.8	97.8
≥ 7000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.4	98.5	98.5
≥ 6000	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.5	99.6	99.6
≥ 5000	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.7	99.7
≥ 4500	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.7	99.7
≥ 4000	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.7	99.7
≥ 3500	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.7	99.7
≥ 3000	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 2500	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 2000	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 1800	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 1500	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 1200	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 1000	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 900	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 800	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 700	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 600	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 500	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 400	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 300	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 200	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 100	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0
≥ 0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 734

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.9	86.2	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
≥ 20000	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 14000	91.1	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
≥ 12000	96.2	96.5	96.6	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
≥ 10000	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6000	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.6	99.1	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	98.6	99.1	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874

USAF ETAC FORM JUL 84 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1.4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 20000	91.6	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
≥ 18000	92.1	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	92.5	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	93.9	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
≥ 12000	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 10000	97.6	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	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 8000	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 7000	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 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	99.5	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
≥ 200	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
≥ 100	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 876

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2[illegible]4	WILLIAMS AFB AZ	69-70,73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	[illegible]	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.2	85.5	8[illegible].5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 20000	90.0	90.2	9[illegible].2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 18000	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 16000	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 14000	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 12000	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 10000	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.5	97.5	97.5	97.5
≥ 9000	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 8000	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 7000	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.6	98.6	98.6	98.6
≥ 6000	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.7
≥ 5000	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.7
≥ 4500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.9	99.9
≥ 4000	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 3500	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 3000	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 2500	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 2000	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 1800	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 1500	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 1200	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 1000	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 900	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 800	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 700	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 600	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 500	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 400	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 300	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 200	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 100	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 194 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.2	80.5	80.5	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
≥ 20000	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2
≥ 18000	85.9	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7
≥ 16000	85.9	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7
≥ 14000	88.9	89.0	89.1	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
≥ 12000	93.4	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5
≥ 10000	94.6	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 9000	94.6	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 8000	94.6	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 7000	95.2	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 6000	97.7	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 5000	98.0	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 4500	98.1	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 4000	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 3500	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 3000	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 2500	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 2000	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1800	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1500	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1200	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1000	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 900	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 800	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	98.2	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.9	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	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 18000	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	88.0	88.3	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 12000	93.9	94.2	94.5	94.5	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	94.5	94.8	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 9000	94.5	94.8	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 8000	94.8	95.1	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000	95.5	95.8	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 | 134 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (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	84.4	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
≥ 20000	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	88.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
≥ 16000	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 14000	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 12000	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2
≥ 10000	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 9000	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4
≥ 8000	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 7000	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 6000	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 5000	98.7	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8
≥ 4500	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 4000	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 3500	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 3000	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 2500	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 2000	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 1800	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 1500	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 1200	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 1000	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 900	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 800	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 700	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 600	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 500	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4469

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 . 4	WILLIAMS AFB AZ	69-70,73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 20000	90.6	91.1	91.1	91.1	9 .1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 18000	90.6	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
≥ 16000	91.1	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
≥ 14000	92.3	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
≥ 12000	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 10000	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 7000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	99.6	100.0	100.0	100.0	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	99.6	100.0	100.0	100.0	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	99.6	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	100.0	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 235

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

214	WILLIAMS AFB AZ	69-70,73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.7	86.1	86.2	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
≥ 20000	87.9	88.3	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
≥ 18000	88.2	88.6	88.8	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
≥ 16000	88.2	88.6	88.8	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	89.9	89.9	90.2	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	93.9	93.9	94.3	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	94.7	95.1	95.6	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	94.9	95.3	95.8	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	95.4	95.8	96.4	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 7000	96.2	96.6	97.1	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	97.4	97.8	98.3	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
≥ 5000	97.9	98.3	98.8	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
≥ 4500	98.0	98.4	99.0	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	98.2	98.6	99.1	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
≥ 3500	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 769

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] 4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — MONTH

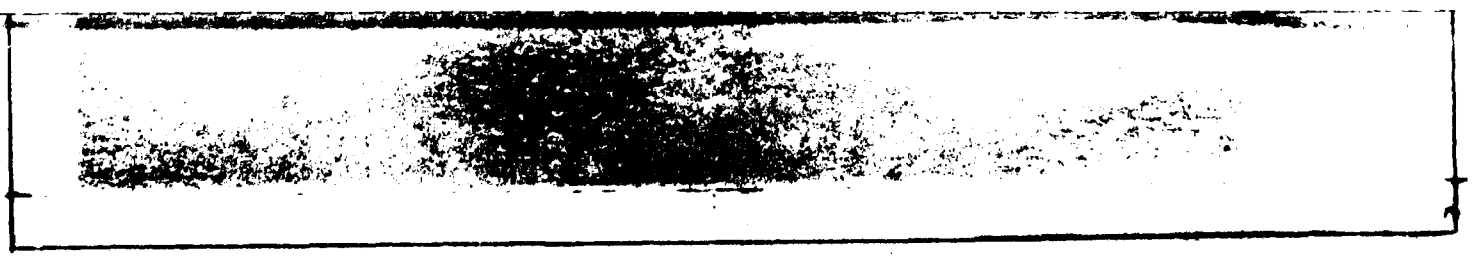
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.1	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 20000	87.5	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	87.6	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 16000	87.9	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000	88.9	89.4	89.5	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
≥ 12000	92.7	93.1	93.3	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
≥ 10000	94.3	94.8	95.0	95.2	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	94.3	94.8	95.0	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	94.8	95.3	95.6	95.8	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	95.5	96.0	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	97.1	97.6	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	98.1	98.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.1	98.6	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	98.1	98.7	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	98.1	98.7	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.1	98.7	99.0	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.2	98.8	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	98.9	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 992

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 20000	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18000	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 16000	90.1	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
≥ 14000	91.1	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
≥ 12000	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	95.7	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	95.8	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
≥ 8000	96.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	96.5	97.5	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
≥ 6000	97.8	98.8	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
≥ 5000	98.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	98.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	98.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 20000	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	91.7
≥ 18000	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	91.7
≥ 16000	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 14000	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 12000	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 10000	96.8	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
≥ 9000	96.8	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
≥ 8000	97.2	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	97.8	97.8
≥ 7000	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 6000	98.4	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 5000	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 4500	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 4000	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3500	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3000	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2500	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2000	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1500	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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	88.2	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
≥ 20000	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 16000	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 14000	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 12000	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	97.2	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 8000	97.8	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	98.1	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
≥ 6000	98.4	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
≥ 5000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 | WILLIAMS AFB AZ | 69-70,73-80 (YEARS) | OCT (MONTH)

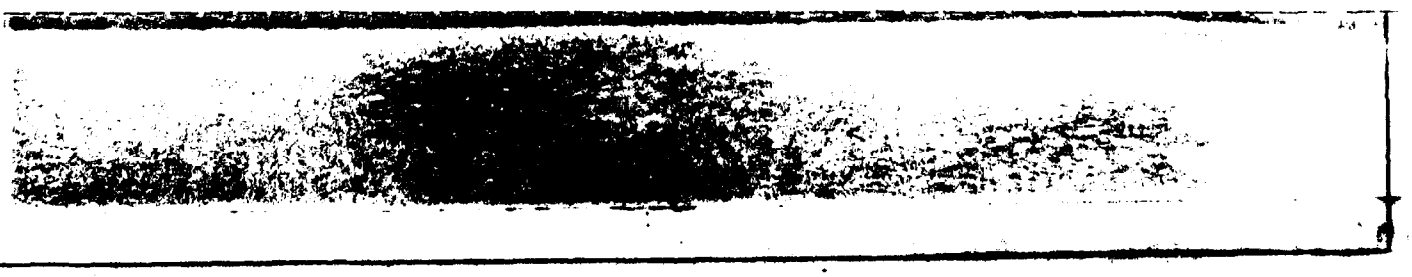
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	94.3	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
≥ 16000	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
≥ 14000	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	95.5
≥ 12000	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
≥ 10000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 8000	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 312

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	86.3	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 20000	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 18000	90.2	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
≥ 16000	90.4	90.7	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 14000	91.4	91.7	91.8	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
≥ 12000	94.4	94.7	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
≥ 10000	95.9	96.3	96.4	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
≥ 9000	96.0	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	96.4	97.0	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000	97.0	97.6	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
≥ 6000	98.0	98.6	98.8	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
≥ 5000	98.5	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.6	99.3	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
≥ 3500	98.7	99.3	99.5	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
≥ 3000	98.7	99.3	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
≥ 2500	98.7	99.4	99.6	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
≥ 2000	98.7	99.4	99.6	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
≥ 1800	98.7	99.4	99.6	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
≥ 1500	98.7	99.4	99.6	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
≥ 1200	98.7	99.4	99.6	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
≥ 1000	98.7	99.4	99.6	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
≥ 900	98.7	99.4	99.6	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
≥ 800	98.7	99.4	99.6	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
≥ 700	98.7	99.4	99.6	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
≥ 600	98.7	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.4	99.6	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	98.7	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4621

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible]4	WILLIAMS AFB AZ	69-70,73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.8	86.7	89.1	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
≥ 20000	89.4	90.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 18000	89.4	90.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 16000	89.4	90.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 14000	89.4	90.4	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 12000	91.7	92.7	95.0	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 10000	92.7	93.6	95.9	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	92.7	93.6	95.9	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 8000	93.6	94.5	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	94.0	95.0	97.2	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	94.5	95.4	97.7	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	95.9	96.8	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	95.9	96.8	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	97.2	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 218

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 14 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | NOV (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	83.2	84.8	85.6	85.6	85.8	85.8	85.8	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 20000	86.6	88.2	89.0	89.0	89.2	89.2	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 18000	87.3	88.9	89.7	89.7	89.9	89.9	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 16000	87.4	89.0	89.9	89.9	90.0	90.0	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥ 14000	87.8	89.5	90.3	90.3	90.4	90.4	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	91.1	91.1
≥ 12000	89.7	91.4	92.2	92.2	92.5	92.5	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	93.2	93.2
≥ 10000	91.5	93.2	94.0	94.0	94.2	94.2	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.9	94.9
≥ 9000	91.6	93.3	94.1	94.1	94.4	94.4	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	95.1	95.1
≥ 8000	92.2	93.8	94.7	94.7	94.9	94.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.6	95.6
≥ 7000	92.9	94.7	95.5	95.5	95.8	95.8	95.8	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.4	96.4
≥ 6000	94.4	96.3	97.1	97.1	97.4	97.4	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	98.1	98.1
≥ 5000	95.5	97.4	98.2	98.2	98.5	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.2	99.2
≥ 4500	95.5	97.4	98.2	98.2	98.5	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.2	99.2
≥ 4000	95.9	97.8	98.6	98.8	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 3500	95.9	97.8	98.6	98.8	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 3000	95.9	97.8	98.6	98.8	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 2500	95.9	97.8	98.6	98.8	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 2000	95.9	97.8	98.6	98.8	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 1800	95.9	97.8	98.6	98.8	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 1500	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 1200	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 1000	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 900	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 800	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 700	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 600	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 500	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 400	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 300	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 200	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	95.9	97.8	98.6	98.8	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	79.3	81.2	82.1	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 20000	83.0	84.8	85.6	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 18000	83.7	85.5	86.3	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 16000	84.5	85.9	86.7	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 14000	85.8	87.6	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 12000	87.3	89.1	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 10000	89.4	91.2	92.1	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	90.4	92.3	93.1	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	91.0	93.1	93.9	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	91.8	93.9	94.7	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	93.9	96.1	96.8	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	94.6	96.7	97.5	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	94.6	96.7	97.5	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	95.1	97.3	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	95.0	97.3	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	95.2	97.7	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	95.2	97.7	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	95.2	97.7	98.6	98.8	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	95.3	97.8	98.7	98.9	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	95.3	97.8	98.7	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	95.3	97.8	98.7	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	95.3	97.8	98.7	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	95.3	97.8	98.7	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.3	97.8	98.7	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	97.8	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 857

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.0	82.1	83.0	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	84.3	86.4	87.3	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 18000	84.7	86.8	87.8	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	85.2	87.3	88.2	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	86.1	88.2	89.2	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 12000	87.3	89.5	90.5	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000	88.8	91.0	92.0	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 9000	89.4	91.6	92.5	93.1	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	90.2	92.4	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	91.4	93.6	94.5	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	92.8	95.0	95.9	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5000	93.5	95.7	96.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	93.5	95.7	96.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	93.8	96.6	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	93.9	96.7	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	94.9	97.7	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	94.9	97.7	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	95.0	97.8	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	95.0	97.8	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	95.0	97.8	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	95.1	97.8	98.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	95.1	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.1	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.1	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.1	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.0	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.0	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.0	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.0	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.0	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.1	97.9	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.1	97.9	98.8	99.4	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 659

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 . 4	WILLIAMS AFB AZ	69-70,73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.1	82.4	82.9	83.3	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
≥ 20000	85.1	87.4	87.9	88.3	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9
≥ 18000	85.5	87.8	88.3	88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
≥ 16000	85.7	88.0	88.5	88.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6
≥ 14000	87.6	89.9	90.4	90.8	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5
≥ 12000	89.6	92.0	92.5	92.9	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
≥ 10000	90.2	92.6	93.1	93.5	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 9000	90.3	92.7	93.2	93.6	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3
≥ 8000	90.7	93.1	93.6	94.0	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6
≥ 7000	91.6	94.0	94.5	94.9	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5
≥ 6000	92.7	95.4	95.9	96.3	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
≥ 5000	93.8	96.4	96.9	97.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 4500	93.9	96.6	97.1	97.5	97.6	97.6	98.	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 4000	94.5	97.5	98.0	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 3500	94.5	97.5	98.1	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 3000	95.2	98.2	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 2500	95.2	98.2	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 2000	95.2	98.3	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 1800	95.3	98.3	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 1500	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.2	98.5	99.	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	98.5	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 785

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.6	86.8	88.[illegible]	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.[illegible]	89.[illegible]
≥ 20000	87.7	88.9	90.1	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 18000	88.[illegible]	89.2	90.5	90.6	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	88.[illegible]	89.2	90.5	90.6	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	90.[illegible]	91.1	92.4	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 12000	91.3	92.4	93.7	93.9	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	92.1	93.2	94.5	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 9000	92.7	93.9	95.2	95.3	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	93.1	94.2	95.5	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 7000	93.1	94.2	95.5	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	93.9	95.2	96.8	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	94.8	96.1	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	94.8	96.4	98.1	98.2	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	95.3	96.9	98.5	98.7	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	95.6	97.4	99.[illegible]	99.2	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	95.6	97.4	99.[illegible]	99.2	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	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.6	97.4	99.	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.6	97.4	99.[illegible]	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.6	97.4	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.6	97.4	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.6	97.4	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.6	97.4	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.6	97.4	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.6	97.4	99.[illegible]	99.2	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 619

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 . 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | NOV (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	88.7	89.5	91.9	91.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 20000	89.5	90.3	92.7	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 18000	89.9	90.7	93.1	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	89.9	90.7	93.1	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 14000	91.1	91.9	94.3	94.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 12000	91.9	92.7	95.1	95.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	91.9	92.7	95.1	95.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 9000	92.3	93.1	95.5	95.5	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	93.5	94.3	96.8	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 7000	93.5	94.3	96.8	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	93.9	94.7	97.2	97.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	94.7	95.5	98.0	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	94.7	95.5	98.0	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	95.1	96.0	98.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.1	96.4	98.8	98.8	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	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.1	96.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 247

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 | 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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	82.0	83.8	84.6	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6
≥ 20000	85.6	87.3	88.4	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 18000	86.1	87.8	88.9	89.1	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 16000	86.3	88.1	89.1	89.3	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9
≥ 14000	87.6	89.4	90.4	90.6	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 12000	89.2	91.0	92.0	92.2	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 10000	90.5	92.3	93.3	93.5	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 9000	91.3	92.7	93.8	94.0	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	91.6	93.4	94.4	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 7000	92.3	94.1	95.1	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 6000	93.6	95.5	96.6	96.8	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 5000	94.5	96.4	97.5	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 4500	94.5	96.5	97.6	97.8	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	94.9	97.1	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	95.1	97.3	98.3	98.6	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 3000	95.4	97.7	98.7	99.0	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	95.4	97.7	98.7	99.0	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	95.4	97.7	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1800	95.4	97.7	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1500	95.4	97.8	98.8	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	95.4	97.8	98.8	99.1	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	95.4	97.8	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	95.4	97.8	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	95.4	97.8	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	95.4	97.8	98.9	99.2	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	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	95.4	97.8	98.9	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4315

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 1 4 — STATION
ILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
DEC — MONTH
0300-0500 — 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	84.8	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 20000	87.1	87.5	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
≥ 18000	87.0	87.5	88.1	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
≥ 16000	87.5	88.0	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	88.7	88.6	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	89.1	89.7	90.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 10000	91.8	92.4	92.9	92.9	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	91.8	92.4	92.9	92.9	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	92.4	92.9	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	92.9	93.5	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	94.6	95.1	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	94.6	95.1	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	94.6	95.1	95.7	95.7	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	94.6	95.1	95.7	95.7	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	95.1	95.7	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	96.2	96.7	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	96.7	97.3	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.5
≥ 200	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.5
≥ 100	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.5	100.0
≥ 0	96.7	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 184

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.2	78.6	79.1	79.2	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.1
≥ 20000	81.2	82.7	83.1	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	84.1
≥ 18000	81.7	83.1	83.5	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.6
≥ 16000	82.1	83.5	84.0	84.1	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	85.0
≥ 14000	83.8	85.3	85.7	85.9	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.7
≥ 12000	85.4	87.0	87.4	87.6	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.6
≥ 10000	87.9	89.5	89.9	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	91.1
≥ 9000	88.3	89.9	90.5	90.8	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.8
≥ 8000	89.6	91.2	91.8	92.1	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.2
≥ 7000	90.0	91.6	92.2	92.5	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.7
≥ 6000	91.1	92.8	93.4	93.7	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.9
≥ 5000	91.3	93.4	93.9	94.2	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.7
≥ 4500	91.9	93.9	94.5	94.8	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.2
≥ 4000	92.4	94.4	94.9	95.2	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.7
≥ 3500	92.6	94.7	95.2	95.5	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	97.0
≥ 3000	93.2	95.2	95.8	96.1	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.7
≥ 2500	93.5	95.5	96.1	96.4	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	98.0
≥ 2000	93.8	96.0	96.5	96.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.6
≥ 1800	93.8	96.0	96.5	96.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.6
≥ 1500	93.8	96.0	96.5	96.8	97.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.7
≥ 1200	93.9	96.1	96.7	97.0	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.8
≥ 1000	93.9	96.1	96.7	97.0	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.8
≥ 900	93.9	96.1	96.7	97.0	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.8
≥ 800	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.0
≥ 700	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.0
≥ 600	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.0
≥ 500	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.0
≥ 400	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.0
≥ 300	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.1
≥ 200	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	99.4
≥ 100	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	99.9
≥ 0	93.9	96.1	96.7	97.0	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 693

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

GL..PAL CLIMATOLOGY BRANCH
..AFETAC
A.. ..EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 ..4 (STATION) | ..ILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (MONTH)

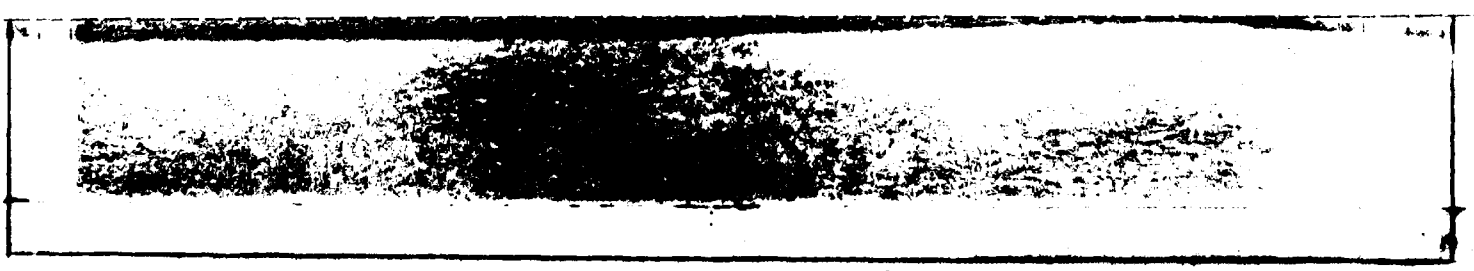
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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	74.6	76.9	77.6	77.9	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 20000	78.4	80.6	81.3	81.7	82.0	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 18000	79.1	81.2	81.9	82.3	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0
≥ 16000	79.3	81.6	82.3	82.6	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 14000	82.1	84.3	85.0	85.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 12000	83.8	86.0	86.7	87.2	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 10000	86.1	88.5	89.2	89.7	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4
≥ 9000	86.5	88.8	89.5	90.0	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 8000	87.9	90.1	90.8	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 7000	88.1	90.7	91.4	91.9	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 6000	89.1	91.7	92.5	92.9	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0
≥ 5000	90.4	93.2	94.1	94.5	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.7	95.7
≥ 4500	90.5	93.3	94.1	94.6	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.8	95.8
≥ 4000	91.1	93.9	94.7	95.2	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.6	96.6
≥ 3500	91.3	94.2	95.2	95.7	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.1	97.1
≥ 3000	91.4	94.4	95.3	95.8	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.2	97.2
≥ 2500	91.7	94.6	95.5	96.0	96.9	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5
≥ 2000	91.8	95.1	96.2	96.7	97.8	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.4	98.4
≥ 1800	91.8	95.1	96.2	96.7	97.8	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.4	98.4
≥ 1500	91.9	95.2	96.4	96.8	97.9	97.9	98.1	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7
≥ 1200	92.0	95.3	96.5	96.9	98.1	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 1000	92.1	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 900	92.1	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 800	92.1	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 700	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 600	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 500	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 400	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 300	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 200	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.2	99.2	99.6	99.6
≥ 100	92.1	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.2	99.2	99.6	99.8
≥ 0	92.0	95.5	96.7	97.2	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 851

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.7	77.6	77.8	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	78.7	81.6	81.8	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	79.1	82.2	82.4	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	80.0	83.0	83.2	83.8	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	82.4	85.5	85.7	86.4	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	83.7	86.8	87.0	87.7	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	86.0	89.3	89.6	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	87.1	90.4	90.6	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	87.6	91.0	91.2	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	88.2	91.6	91.8	92.5	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	89.6	93.0	93.2	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	91.1	94.5	94.7	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	91.2	94.7	95.0	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	91.9	95.4	95.7	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	91.9	95.7	95.9	96.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	92.4	96.5	96.8	97.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	92.4	96.5	96.8	97.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	92.5	96.7	97.1	97.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	92.5	96.7	97.1	97.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	92.5	97.0	97.3	98.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.5	97.1	97.4	98.1	99.5	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 653

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] 4 | WILLIAMS AFB AZ | 69-70,73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

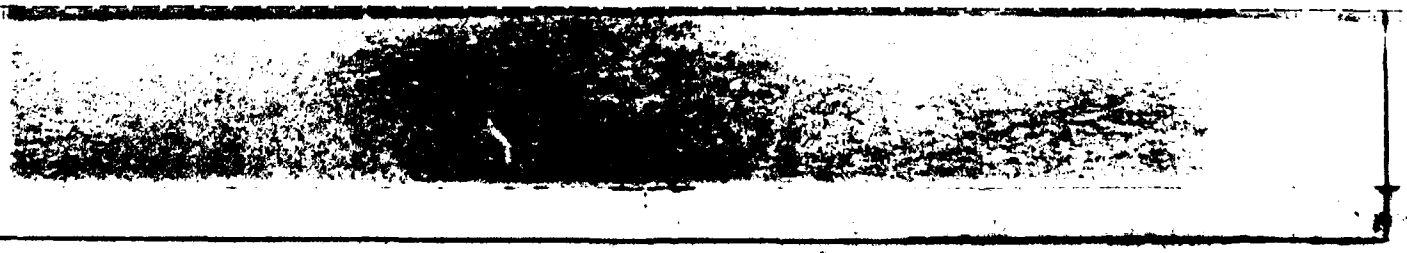
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.7	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	80.2	85.1	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 18000	80.9	85.8	85.9	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
≥ 16000	81.3	86.2	86.3	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
≥ 14000	84.3	89.1	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	85.1	90.1	90.4	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
≥ 10000	87.4	92.4	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 9000	88.1	93.1	93.4	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
≥ 8000	88.6	93.6	93.9	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
≥ 7000	89.3	94.3	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 6000	89.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	90.6	95.7	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	91.2	96.2	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	92.1	97.0	97.3	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
≥ 3500	92.4	97.6	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	92.4	97.6	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	92.4	97.6	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	92.8	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	92.8	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	93.2	98.4	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	93.2	98.4	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	93.2	98.4	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	93.2	98.4	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	98.4	98.8	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 737

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.7	82.1	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 20000	82.3	86.1	86.7	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	82.9	86.7	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 16000	83.5	87.3	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000	86.5	90.8	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 12000	87.1	91.4	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	89.4	93.6	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 9000	89.4	93.6	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	90.0	94.2	94.8	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
≥ 7000	90.4	94.6	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	91.4	95.6	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	92.1	96.2	96.8	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
≥ 4500	92.4	96.6	97.2	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
≥ 4000	92.6	96.8	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	93.4	97.6	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	93.6	97.8	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	93.8	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	94.0	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	94.0	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.1	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.1	98.2	98.8	99.2	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 498

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | DEC

STATION | STATION NAME | YEARS | MONTH

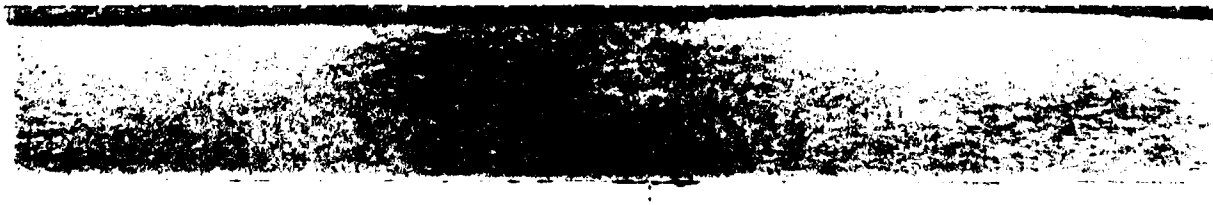
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.2	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	86.4	89.1	89.1	89.1	89.	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 18000	86.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	86.9	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
≥ 14000	88.7	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
≥ 12000	90.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	92.3	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
≥ 9000	93.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	94.1	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
≥ 7000	94.1	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
≥ 6000	95.1	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
≥ 5000	95.1	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
≥ 4500	95.1	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
≥ 4000	95.9	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
≥ 3500	95.9	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
≥ 3000	95.9	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
≥ 2500	95.9	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
≥ 2000	95.9	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
≥ 1800	95.9	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
≥ 1500	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.9	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 221

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (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	76.8	79.6	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 20000	80.6	83.5	83.8	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 18000	81.1	84.0	84.4	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 16000	81.6	84.5	84.9	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 14000	84.1	87.0	87.4	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 12000	85.3	88.3	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 10000	87.6	90.7	91.2	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 9000	88.3	91.3	91.7	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 8000	89.0	92.1	92.6	93.0	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 7000	89.5	92.7	93.1	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 6000	90.5	93.7	94.2	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 5000	91.4	94.7	95.1	95.5	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4500	91.7	95.0	95.5	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 4000	92.2	95.6	96.0	96.4	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 3500	92.5	96.0	96.5	96.9	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 3000	92.8	96.3	96.9	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 2500	93.1	96.5	97.0	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 2000	93.2	96.8	97.4	97.8	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1800	93.2	96.8	97.4	97.8	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1500	93.3	97.0	97.6	98.0	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1200	93.3	97.1	97.6	98.0	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	93.3	97.1	97.7	98.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	93.3	97.1	97.7	98.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 200	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8
≥ 100	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.9
≥ 0	93.3	97.1	97.7	98.1	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4037

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-81 (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	80.5	81.2	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
≥ 20000	85.3	86.1	86.3	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
≥ 18000	85.8	86.6	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	86.2	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 14000	88.4	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 12000	91.1	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 10000	92.7	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 9000	93.1	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	93.8	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 7000	94.3	95.2	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 6000	95.7	96.6	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 5000	96.8	97.8	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 4500	96.9	97.9	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	97.3	98.3	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 3500	97.5	98.6	98.8	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
≥ 3000	97.7	98.8	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	97.8	98.9	99.2	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
≥ 2000	97.8	99.0	99.3	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
≥ 1800	97.8	99.0	99.3	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
≥ 1500	97.8	99.0	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.8	99.0	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.9	99.0	99.3	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
≥ 900	97.9	99.0	99.3	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
≥ 800	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	97.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 54917

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

23154 — STATION
WILLIAMS AFB AZ — STATION NAME
70.73-81 — PERIOD
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02													
	03-05	45.7			19.2						15.0	20.1	3.9	234
	06-08	32.9			24.8						19.9	22.3	4.8	757
	09-11	23.7			29.9						21.2	25.2	5.3	900
	12-14	19.8			29.1						24.0	27.1	5.7	900
	15-17	17.0			28.1						27.5	27.4	6.1	822
	18-20	25.1			27.7						24.0	23.1	5.3	653
	21-23	41.3			24.9						16.4	17.4	4.0	281
TOTALS		29.4			26.2						21.1	23.2	5.0	4547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

23194 WILLIAMS AFB AZ 70.73-81 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													
	03-05	50.2			15.5						17.4	16.9	3.7	219
	06-08	32.0			27.5						22.6	17.8	4.6	712
	09-11	24.0			31.5						22.8	21.7	5.2	820
	12-14	20.9			31.7						26.1	21.2	5.4	819
	15-17	21.3			30.9						24.8	23.9	5.6	757
	18-20	25.4			28.4						26.1	20.1	5.2	617
	21-23	44.0			20.9						21.6	13.6	3.9	273
TOTALS		31.0			26.6						23.1	19.3	4.8	4217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

23104 (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05	43.1			24.0						13.8	19.1	3.9	246
	06-08	32.9			28.1						20.0	19.0	4.5	800
	09-11	27.6			28.7						21.7	22.1	5.0	928
	12-14	20.8			32.0						23.9	23.3	5.4	928
	15-17	19.8			33.5						25.0	21.7	5.4	852
	18-20	29.5			32.2						19.0	19.3	4.6	709
	21-23	45.9			25.7						12.9	15.5	3.5	342
TOTALS		31.4			29.2						19.5	20.0	4.6	4805

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

USE WITH CAUTION
SEE FIRST PAGE

23174	WILLIAMS AFB AZ	70,73-81	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													
	03-05	61.6			19.4						11.6	7.4	2.4	242
	06-08	42.5			31.6						15.7	10.1	3.4	781
	09-11	43.4			31.9						15.1	9.6	3.3	900
	12-14	35.2			35.7						19.0	10.1	3.8	900
	15-17	34.9			33.5						18.1	13.5	4.0	830
	18-20	38.2			32.8						15.5	13.5	3.7	704
	21-23	51.4			28.6						11.6	8.4	2.7	346
TOTALS		43.9			30.5						15.2	10.4	3.3	4703

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

2?1?4 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 PERIOD | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	0-02													
	03-05	49.8			31.5						14.9	3.7	2.7	241
	06-08	49.3			28.7						14.7	7.3	2.9	783
	9-11	48.3			29.8						14.7	7.2	2.9	905
	12-14	40.3			36.0						16.8	7.0	3.3	906
	15-17	36.4			36.0						19.0	8.6	3.7	833
	18-20	39.3			30.6						21.1	9.0	3.7	715
	21-23	52.7			26.1						13.7	7.5	2.8	387
TOTALS.		45.2			31.2						16.4	7.2	3.1	4770

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

231 4	WILLIAMS AFB AZ	69-70,73-80	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													
	03-05	53.4			29.8						14.3	2.5	2.4	238
	06-08	51.4			32.5						12.3	3.9	2.5	773
	09-11	54.2			30.7						11.5	3.7	2.3	899
	12-14	52.7			32.3						10.9	4.1	2.4	900
	15-17	49.2			34.0						11.3	5.4	2.6	829
	18-20	49.3			30.6						13.1	7.0	2.8	696
	21-23	60.3			21.9						13.2	4.5	2.3	401
TOTALS		52.9			30.3						12.4	4.4	2.5	4736

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

USE WITH CAUTION
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

27134 WILLIAMS AFB AZ 69-70,73-80 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													
	03-05	13.9			42.0						26.5	17.6	5.4	245
	06-08	13.4			38.4						30.7	17.5	5.7	78
	09-11	17.2			41.6						29.2	12.1	5.1	902
	12-14	15.5			51.8						26.5	6.2	4.6	905
	15-17	12.6			52.0						29.4	6.1	4.8	841
	18-20	11.8			32.2						41.1	14.9	6.2	718
	21-23	17.3			29.4						35.1	18.3	5.9	405
TOTALS		14.5			41.1						31.2	13.2	5.4	4800

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

23104	WILLIAMS AFB AZ	69-70,73-80	AUG
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		
AUG	00-02													
	03-05	35.2			38.9						18.2	7.7	3.6	247
	06-08	24.8			45.6						21.8	7.8	4.1	798
	09-11	31.0			45.3						18.6	5.1	3.5	929
	12-14	26.2			53.4						17.1	3.2	3.5	930
	15-17	21.4			56.2						19.3	3.1	3.7	860
	18-20	24.0			38.7						28.0	9.3	4.6	721
	21-23	36.2			28.0						22.5	13.2	4.2	378
TOTALS		28.4			43.7						20.8	7.1	3.9	4863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

2314	WILLIAMS AFB AZ	69-70,73-80	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	0-02													
	3-05	60.4			25.3						6.7	7.6	2.1	225
	6-08	41.1			34.7						17.2	6.9	3.3	734
	09-11	40.7			39.3						14.1	6.0	3.0	873
	12-14	34.0			46.7						12.2	7.1	3.2	874
	15-17	29.4			48.7						14.4	7.4	3.5	798
	18-20	38.2			33.0						17.6	11.2	3.7	652
	21-23	45.6			26.2						16.8	11.3	3.4	309
TOTALS		41.3			36.3						14.1	8.2	3.2	4465

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

23134 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	03-05	65.5			19.6						8.1	6.8	2.0	235
	06-08	52.3			25.5						15.0	7.2	2.8	768
	09-11	46.0			30.3						15.1	8.6	3.1	900
	12-14	38.6			35.5						19.4	6.4	3.5	903
	15-17	37.9			36.0						20.1	7.0	3.6	820
	18-20	51.9			27.1						15.3	5.7	2.8	680
	21-23	63.8			21.5						11.5	3.2	2.0	312
TOTALS		50.9			27.8						14.9	6.4	2.8	4618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

23184 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-80 (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													
	03-05	64.2			17.9						8.7	9.2	2.2	218
	06-08	45.2			31.6						13.8	9.3	3.1	730
	09-11	35.5			36.3						16.2	11.9	3.7	856
	12-14	32.4			36.8						17.6	13.2	4.0	856
	15-17	31.9			35.3						18.8	14.0	4.1	781
	18-20	48.4			28.5						14.4	8.7	3.0	618
	21-23	68.0			19.4						6.1	6.5	1.8	247
TOTALS		46.5			29.4						13.7	10.4	3.1	4306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

23104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 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													
	03-05	59.8			20.7						6.5	13.0	2.5	184
	06-08	43.6			25.6						15.0	15.8	3.7	692
	09-11	34.0			27.2						20.4	18.4	4.5	849
	12-14	29.4			32.8						17.2	20.5	4.6	853
	15-17	29.9			31.5						18.5	20.2	4.6	737
	18-20	41.0			28.0						18.1	12.9	3.8	497
	21-23	54.8			20.8						13.1	11.3	2.9	221
TOTALS		41.8			26.7						15.5	16.0	3.8	4033

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23194	WILLIAMS AFB AZ	69-70,73-81	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	29.4			26.2						21.1	23.2	5.0	4547
FEB		31.0			26.6						23.1	19.3	4.8	4217
MAR		31.4			29.2						19.5	20.0	4.6	4805
APR		43.9			30.5						15.2	10.4	3.3	4703
MAY		45.2			31.2						16.4	7.2	3.1	4770
JUN		52.9			30.3						12.4	4.4	2.5	4736
JUL		14.5			41.1						31.2	13.2	5.4	4800
AUG		28.4			43.7						20.8	7.1	3.9	4863
SEP		41.3			36.3						14.1	8.2	3.2	4465
OCT		50.9			27.8						14.9	6.4	2.8	4618
NOV		46.5			29.4						13.7	10.4	3.1	4306
DEC		41.8			26.7						15.5	16.0	3.8	4033
TOTALS		38.1			31.6						18.2	12.2	3.8	54863

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (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.

[illegible] CLIMATOLOGY BRANCH
[illegible] AFETAC
[illegible] FATHER SERVICE/MAC
2 [illegible]4 WILLIAMS AFB AZ
STATION STATION NAME

42-81
YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 11[illegible]						.1	.2						.[illegible]
≥ .1					.1	5.5	5.8	.8	1.1				1.1
≥ 10[illegible]					1.9	24.0	35.7	16.3	8.9				7.3
≥ [illegible]0				.1	9.7	55.8	74.3	57.6	33.7	2.3			19.7
≥ 9[illegible]				5.7	33.3	80.5	93.5	87.7	66.6	15.7			32.3
≥ [illegible]		.1	1.1	18.8	60.9	93.1	98.5	97.1	87.3	39.1	1.1		41.9
≥ 85		1.1	7.7	40.6	79.6	99.0	99.7	99.2	96.1	62.4	7.0		50.0
≥ [illegible]	1.4	7.8	22.5	63.6	89.6	99.9	100.0	99.8	98.7	78.8	25.6	2.1	58.1
≥ 75	7.4	21.9	42.7	77.6	95.8			99.9	99.7	89.1	47.1	11.7	66.6
≥ 7[illegible]	23.9	43.6	62.3	87.9	98.8	100.0		100.0	100.0	95.2	68.8	30.9	76.4
≥ 65	46.1	66.7	78.5	95.4	99.9					98.1	84.4	56.1	85.7
≥ 60	70.8	84.3	92.0	98.9	100.0					99.5	94.5	78.0	93.3
≥ 55	87.7	95.5	97.8	99.7						99.7	98.7	91.0	97.5
≥ [illegible]	96.2	99.3	99.8	100.0						100.0	99.6	96.7	99.3
≥ 45	99.2	100.0	100.0								99.9	99.5	99.9
≥ 40	99.9										100.0	100.0	100.0
≥ 35	100.0												100.0
≥													
≥													
≥													
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MEAN	63.6	68.0	72.2	81.4	90.5	99.9	102.3	99.9	96.6	85.9	73.3	65.3	83.2
S D	7.692	7.912	8.725	8.926	7.854	6.311	4.974	4.855	6.278	8.652	8.228	7.767	15.752
TOTAL OBS.	1176	1[illegible]57	1193	1183	1216	1159	1184	1201	1142	1188	1135	1150	13984

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

[redacted]

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC
... 4 WILLIAMS AFB AZ 42-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]						.1							.0
[illegible]						.3	.1	.1					.0
[illegible]					.1	1.5	2.7	1.2	.6				.6
[illegible]5					.7	4.1	12.1	5.4	1.7	.1			2.0
[illegible]				.2	2.1	12.8	49.2	31.0	10.1	.5			9.0
75				.3	4.9	28.9	83.7	72.4	29.9	1.7	.2		18.8
70		.1	.3	3.0	13.2	54.1	97.3	95.2	62.3	8.4			28.2
65		.2	.8	7.2	33.1	81.6	99.9	99.3	86.2	26.1	.7	.1	36.7
[illegible]	.2	.5	2.7	20.9	64.2	95.9	100.0	99.9	96.6	49.2	3.0	.3	45.0
55	.9	3.2	11.2	42.9	86.4	99.7		100.0	99.5	74.3	11.5	1.7	53.3
50	6.1	15.0	30.7	69.4	95.8	100.0			100.0	89.1	32.9	7.0	62.9
45	20.3	36.7	61.5	89.4	99.1					96.3	62.6	22.6	74.6
40	44.7	65.5	84.6	97.9	99.8					98.9	82.6	49.2	85.6
35	73.4	85.6	96.4	99.9	100.0					99.9	95.9	78.2	94.2
33	87.9	93.9	98.3	100.0						100.0	98.0	86.5	96.3
30	90.5	96.2	99.6								99.7	94.7	98.4
25	97.6	99.6	99.8								99.8	99.6	99.7
20	99.7	100.0	100.0								100.0	100.0	100.0
15	100.0												100.0
MEAN	35.7	42.1	46.3	53.5	61.9	70.9	79.2	77.1	71.3	59.2	46.4	39.6	57.2
S.D.	6.996	7.102	6.753	7.477	7.298	7.287	4.824	4.744	6.389	7.791	6.973	6.521	15.777
TOTAL OBS.	1165	1057	1193	1183	1216	1159	1184	1201	1142	1188	1135	1150	13966

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
AT-S SERVICE/MAC
ILLIAMS AFB AZ 42-61

STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥						.1							.2
≥						.9	1.3	.2	.1				.2
≥					.2	6.3	16.7	4.9	2.0				3.9
≥					2.8	26.7	66.3	45.8	15.8	.1			13.3
≥				.3	9.1	58.9	94.2	85.3	49.6	3.1			25.4
≥				4.3	33.0	83.6	99.5	97.9	80.4	19.7	.2		35.3
≥		.1	.9	18.3	65.3	96.0	100.0	99.8	95.7	42.9	.5		43.9
≥		.8	5.9	40.9	83.7	99.7		100.0	99.2	70.3	6.3	.2	51.3
≥	.6	6.6	22.1	68.2	94.4	100.0			99.9	85.9	26.7	1.0	59.5
≥	8.	24.9	51.1	84.9	98.8				100.0	94.9	55.5	11.3	69.8
≥	30.9	55.1	76.4	95.8	99.9					98.6	79.1	39.0	81.6
≥	64.1	81.5	92.5	99.4	100.0					99.5	94.2	70.8	92.2
≥	85.9	94.3	99.3	100.0						99.9	99.2	91.3	97.6
≥	96.6	99.3	99.8							100.0	99.9	98.3	99.5
≥	99.3	100.0	100.0								100.0	99.3	99.9
≥	100.0											100.0	100.0
≥													
≥													
≥												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2 104 — WILLIAMS AFB AZ — 42-81

STATION — STATION NAME — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			90	94	108	111	114	108	106	101	87	81	
43	76	93	92	101	104	108	112	105	107	98	87	77	112
44	80	78	82	90	99	110	108	112	105	99	87	75	112
45	79	80	85	96	99	108	110	108	111	94	86	74	111
46	77*	73		98	98	108	110	110	106	90	81	80	
47	76	88	88	95	108	107	113	110	111	100	90	76	113
48	80	83	82	99	101	110	112	111	110	100	82	75	112
49	69	81	82	98	104	110	110	109	107	96	91	80	110
50	80	83	89	97	100	113	112	111	113	102	86	83	113
51	84	84	84	95	110	108	112	107	104	99	80	76	112
52	73	77	81	95	102	110	110	108	108	101	87	77	110
53	84	80	90	97	99	111	113	109	107	103	92	76	113
54	81	86	86	98	101	110	112	108	109	101	89	78	112
55	74	79	87	92	103	114	112	105	108	101	87	84	114
56	84	77	93	92	107	112	110	106	105	100	89	75	112
57	70	89	85	92	99	114	113	107	105	100	79	78	114
58	76	84	81	99	109	109	116	107	105	99	85	82	116
59	78	77	84	97	100	111	111	104	105	101	83	82	111
60	75	74	90	93	106	111	109	108	106	96	87	75	111
61	* 78*	79*	83*	95*	98*	110*	108*	105*	97*	96*	74*	73	* 110
62	* 75*	77*	88*	97*	99*	109*	105*	110*	106*	95*	86*	78	* 110
63	* 76*	86*	83*	91	102	103	108	103	103	99	86	75	108
64	72	73	89	93	101	108	108	105	102	97	85	70	108
65	77	80	89	99	102	103	110	108*	100	96*	88*	81	110
66	* 70*	70	88	91*	99	109*	107	106*	102	92*	85*	75	109
67	* 76*	80	87	84*	103	106*	108	105*	100	94*	91*	67	* 108
68	* 72*	82	86	90*	102	112*	106	100*	105	92*	79*	75	112
69	* 70*	75*	9	94*	103	107*	110	110*	106	94*	80*	75	* 110
70	* 72*	82	78	88*	106	117*	110	109*	106	90*	82*	78	117
71	* 84*	82	93	91*	96	108*	111	102*	112*	92*	87*	71	* 112
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2 124 — STATION
WILLIAMS AFB AZ — STATION NAME
42-81 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* 74	* 82	92	94	* 98	112	* 114	114	* 104	* 103	* 79	* 74	* 114
73	* 74	* 75	73	93	* 103	113	* 112	108	* 105	* 96	* 85	* 80	113
74	* 75	* 81	86	93	* 107	112	* 109	105	* 106	* 100	81	* 71	112
75	* 79	76	80	86	98	103	107	109	101	96	* 91	80	109
76	81	80	86	90	100	105	111	105	98	92	85	75	111
77	76	86	84	93	105	108	106	107	* 105	* 98	* 87	* 77	108
78	* 71	* 80	89	90	* 103	107	* 111	103	* 101	* 98	* 87	* 70	* 111
79	* 67	* 76	79	90	* 99	110	* 107	103	* 106	* 96	* 83	* 78	110
80	* 71	* 80	74	96	* 98	110	* 110	107	* 103	* 103	* 91	* 82	110
81	* 74	* 84	85	96	* 96								
MEAN	77.4	81.3	85.4	93.7	102.6	109.4	110.8	107.1	106.2	97.3	85.7	77.6	111.9
S.D.	4.249	5.044	4.930	3.873	3.640	3.122	2.314	2.947	3.420	3.754	3.454	3.422	1.747
TOTAL OBS	1176	1057	1193	1183	1216	1159	1184	1201	1142	1188	1135	1150	13984

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2 104 — STATION — WILLIAMS AFB AZ — STATION NAME — 42-81 — YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 42-81 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	* 22	* 24	37	42 *	51	68 *	74	73 *	60 *	39 *	34 *	27	* 22
73	* 27	* 33	35	38 *	48	61 *	69	68 *	58 *	42 *	33 *	29	* 27
74	* 25	* 28	35	39 *	43	61 *	68	67 *	65 *	43	35 *	26	* 25
75	* 27	27	35	34	39	62	70	67	59	35 *	34	31	* 27
76	23	34	33	37	52	55	71	66	61	43	31	30	23
77	29	29	30	35	48	63	74	73 *	64 *	53 *	40 *	35	29
78	* 32	* 41	43	42 *	52	63 *	66	70 *	57 *	56 *	39 *	24	* 24
79	* 30	* 34	39	38 *	45	56 *	68	62 *	64 *	43 *	31 *	32	* 30
80	* 33	* 34	40	38 *	47	59 *	73	70 *	62 *	47 *	40 *	35	* 33
81	* 36	* 32	43	47 *	56								
MEAN	27.2	30.1	34.7	40.4	49.0	59.4	71.0	69.1	60.3	44.9	34.0	29.5	25.1
S.D.	4.105	3.866	4.490	3.996	5.276	3.847	2.336	3.631	3.759	4.877	4.385	3.369	3.643
TOTAL OBS	1160	1057	1193	1183	1216	1159	1184	1201	1142	1188	1135	1150	13968

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 1?4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
JAN — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥/ 61							.4											1	1		
≥/ 59						.4												1	1		
5 / 55		.4	.9	.4			.4	.4										6	6		
4/ 53	.4	1.7	.9		3.0		.4											15	15	4	2
2/ 51		1.3	.4	1.3	.9	.4	.4											11	11	4	3
5 / 49		2.1	1.3	.4	1.3	1.7	.9											18	18	8	3
4 / 47		3.0	3.4	.4	.9	.4	.9											21	21	9	10
4 / 45		2.6	4.3	.9	.9	.9												22	22	21	6
4/ 43		1.3	3.4	2.6	.9	.4												20	21	23	8
2/ 41		.9	3.4	3.4	1.7													22	22	16	10
4 / 39		3.8	5.1	2.1	3.0	.9												35	35	19	17
3 / 37	.4	1.7	1.7	2.6	.9													17	17	30	15
3 / 35		1.3	.9	3.3	.9													14	14	28	21
3 / 33		1.7	1.3	1.7														11	11	17	14
2/ 31		.9	1.7	1.3														9	9	19	23
1 / 29		.9	.9	.9	.4													7	7	15	12
0 / 27		.4	.4															2	2	13	13
0 / 25			.4															1	1	3	14
4/ 23			.4															1	1	3	13
2/ 21																				1	19
1 / 19																				1	13
1 / 17																					7
1 / 15																					2
1/ 13																					5
1 / 11																					1
1/ 7																					1
0/ 5																					1
0/ 3																					1
TOTAL	.9	23.9	30.8	20.9	14.5	5.1	3.4	.4										234	235	234	234

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.	1103198	15570	66.5	16.982	234							
Dry Bulb	439798	10028	42.7	7.125	235		7.9					93
Wet Bulb	350102	8904	38.1	6.962	234		21.9					93
Dew Point	254339	7369	31.5	9.778	234		49.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2'104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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
[illegible] 61							.1											1	1		
[illegible] 59				.1	.1	.1	.1											4	4		
57				.3	.1			.1										4	4		
55		.5	.8		.5	.3	.1	.3										19	19		
53		1.3	1.2	.3	1.6	.1	.3	.1										37	37	8	5
51		1.1	1.1	.8	.7	.5	.5	.4										38	38	19	8
49	.1	1.3	2.5	.5	.8	.9	.7											52	52	23	11
47	.1	1.1	2.2	.8	.3	1.2	.1											44	44	29	20
45	.1	2.5	4.6	.5	1.6	.9	.3											80	80	53	20
43	.3	1.6	3.4	2.0	.7	.3												62	62	54	27
41	.1	1.4	3.3	2.5	.8	.3												64	64	66	35
39		2.1	4.2	3.5	1.4	.7												91	91	62	54
37	.3	2.5	3.9	2.6	.7	.1												77	77	93	50
35		1.6	2.4	2.9	.3													54	54	77	52
33	.1	2.0	2.0	2.1	.1													48	48	71	44
31		.5	2.8	.8	.1													32	32	74	70
29	.1	.9	.8	.4	.5													21	21	46	53
27		.8	.5	.5														14	14	37	50
25		1.1	.7	.1														14	14	20	53
23		.1	.5															5	5	13	38
21																				13	57
19																				3	45
17																					25
15																					14
13																					14
11																					4
9																					3
5																					4
3																					3
1																					1
-1																					1
TOTAL	1.3	22.3	36.8	20.8	10.2	5.4	2.2	.9											761		761
																		761		761	

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.	3645279	51171	67.2	16.402	761							
Dry Bulb	1362275	31693	41.6	7.467	761		10.5					93
Wet Bulb	1094439	28343	37.2	7.147	761		25.2					93
Dew Point	795348	23462	30.8	9.733	761	.1	53.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
JAN — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73													.1					1	1		
72/ 71											.1							1	1		
70/ 69										.2								2	2		
68/ 67							.1		.1	.1	.1							4	4		
66/ 65					.1	.1		.1	.2	.2								7	7		
64/ 63						.1	.3	.3	.1									8	8		
62/ 61			.2	.1	.1	.7	.7	1.0	.6									30	30		
60/ 59		.1	.1	.8	.8	1.3	.4	1.3	.6									49	49		
58/ 57		.1	.6	.8	.8	1.4	.8	1.1	.3									53	53	4	
56/ 55		.7	.8	1.1	3.3	1.3	2.0	1.0	.2	.1								95	95	7	2
54/ 53		.7	1.6	2.4	2.1	1.9	1.2	1.2		.1								101	101	27	6
52/ 51		.3	2.1	2.8	1.1	2.0	1.7	.2										92	92	44	12
50/ 49		.6	2.9	2.7	2.6	1.2	1.4	.3	.2									107	107	69	18
48/ 47	.1	.8	2.1	2.2	2.0	1.0	.6	.3										82	82	111	27
46/ 45	.1	1.1	2.4	2.8	1.8	1.3	.3	.1										90	90	119	36
44/ 43		.9	1.2	1.6	1.3	.6	.3											53	53	106	54
42/ 41	.1	.6	1.3	1.6	1.1	.4												46	46	117	62
40/ 39		.3	.9	.7	.9	.3												28	28	87	106
38/ 37		.4	.8	.9	.2	.1												22	22	68	55
36/ 35			.7	.9		.3												17	17	52	72
34/ 33			.2	.2														4	4	40	68
32/ 31		.2		.1														3	3	26	66
30/ 29		.1	.2															3	3	11	60
28/ 27			.2															2	2	7	64
26/ 25																				3	41
24/ 23																				2	37
22/ 21																					39
20/ 19																					25
18/ 17																					15
16/ 15																					12
14/ 13																					6
12/ 11																					4
10/ 9																					2
8/ 7																					1

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (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
≥ 5																					4
4 / 3																					4
2 / 1																					1
1 / -1																					1
TOTAL	.3	6.9	18.3	21.6	18.2	14.2	9.9	7.1	2.3	.8	.2		.1					900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3115197	50467	56.1	17.814	900							
Dry Bulb	2309267	45149	50.2	7.023	900		.8	.8	.1			93
Wet Bulb	1684311	38557	42.8	6.011	900		5.1					93
Dew Point	1103397	30353	33.7	9.417	900	.1	39.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
JAN — 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
/ 79													.1					1	1		
7 / 77													.1	.1	.1			3	3		
6/ 75											.1			.2				3	3		
4/ 73										.1	.7	.7	.2					15	15		
2/ 71								.1		.9	.4	.4						17	17		
/ 69						.1			.8	.9	1.0	.4						29	29		
/ 67						.1		.9	1.1	1.7	1.0	.4						47	47		
6/ 65					.1	.1	1.0	2.1	2.0	1.7	.2							65	65		
4/ 63				.2	.6	.7	2.1	2.2	1.6	1.4	.7	.1						86	86		
2/ 61			.1	.2	1.4	1.8	2.8	1.7	2.4	1.8								110	110		
/ 59			.1	1.0	2.2	2.4	2.2	1.2	2.3	.4	.2							110	110	3	
/ 57			.8	1.3	1.6	3.2	1.9	1.0	.9	.9	.2							106	106	5	1
/ 55		.2	.4	1.8	2.6	2.2	1.4	1.4	1.0	.3								103	103	24	1
4/ 53		.2	.3	1.1	1.3	1.6	.8	1.2	.6	.3								67	67	80	3
2/ 51			.9	.9	.8	1.2	.8	.8	.6									53	53	140	12
0/ 49		.3	.4	.3	.9	.7	.7	.9	.2									40	40	160	22
8/ 47			.1	.4	.7	.8	.3	.4										25	25	142	26
6/ 45		.3		.1	.4	.6	.2	.1										16	16	111	45
4/ 43				.1			.2											3	3	7	59
2/ 41						.1												1	1	53	69
/ 39																				44	85
36/ 37																				28	82
34/ 35																				22	69
32/ 33																				6	43
2/ 31																				3	72
/ 29																					39
26/ 27																					56
24/ 25																					53
22/ 23																					26
20/ 21																					39
/ 19																					29
/ 17																					11
16/ 15																					10
14/ 13																					14

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (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
1 / 11																					9
/ 9																					10
/ 7																					6
/ 5																					3
/ 3																					2
/ 1																					2
/ -1																					2
TAL		1.1	3.2	7.6	12.6	15.6	14.4	14.1	13.4	10.4	4.6	2.1	.4	.3	.1				900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1782397	37047	41.2	16.922	900							
Dry Bulb	3190865	53279	59.2	6.399	900			11.9	2.3			93
Wet Bulb	2030752	42514	47.2	5.001	900		.3					93
Dew Point	1102423	30145	33.5	10.156	900	.2	39.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 81														.2				2	2		
/ 79														.1	.2			3	3		
7 / 77												.1	.2	.1				4	4		
6/ 75											.2	.4	.6					10	10		
4/ 73										.5	1.0	1.5	1.1					33	33		
/ 71								.4	.5	1.1	.6	1.3						32	32		
/ 69								.4	1.1	1.6	1.8	.7	.4					49	49		
8 / 67							.4	.5	2.4	1.5	1.8	.6						59	59		
6/ 65						.1	1.7	2.9	2.8	3.2	1.8	.4						106	106		
4/ 63				.4	.4	.9	1.8	1.3	1.5	1.9	.6							72	72		
/ 61				.7	.5	1.7	2.6	1.0	2.6	1.5	.4	.1						90	90		
/ 59				1.2	1.7	3.5	2.6	1.8	1.0	.9	.2							106	106		
/ 57	.1		.5	1.0	1.8	2.1	2.4	1.0	1.1	.2								84	84	7	1
5 / 55			.1	.5	1.0	1.7	1.0	1.6	1.2	.6								63	63	47	
4/ 53		.5	.5	.7	1.0	1.0	.5	.5	.6	.2								45	45	93	3
2/ 51		.2	.4	.6	.4	.6	.7	.7	.2									32	32	150	15
/ 49			.1	.2	.2	.4	.4	.2	.2									15	15	138	13
/ 47						.6	.1	.4										9	9	142	25
/ 45		.4		.1		.1	.1	.2										8	8	90	38
4/ 43																				56	44
2/ 41																				36	48
/ 39																				31	61
8/ 37																				20	66
/ 35																				9	75
4/ 33																				3	53
2/ 31																					37
/ 29																					59
8/ 27																					47
6/ 25																					58
4/ 23																					24
2/ 21																					38
/ 19																					31
8/ 17																					14
16/ 15																					12

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | JAN (MONTH)

PAGE 2 | 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 13																					6
1 / 11																					16
/ 9																					13
/ 7																					7
/ 5																					1
/ 3																					2
/ 1																					1
TOTAL	.1	1.1	1.6	5.5	6.9	12.7	14.2	12.9	15.2	13.1	8.5	5.1	2.3	.5	.2				822		822
																		822		822	

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.	1349151	30373	37.0	16.623	822							
Dry Bulb	318300	50860	61.9	6.568	822			21.7	5.9	.2		93
Wet Bulb	1933452	39682	48.3	4.657	822							93
Dew Point	972322	27050	32.9	10.004	822		40.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 | WILLIAMS AFB AZ | 70,73-81 | JAN
STATION | STATION NAME | YEARS | MONTH

 | 1800-2[illegible]
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				
[illegible]4/ 73												.2						1	1		
[illegible]/ 71										.2	.3							3	3		
[illegible]/ 69										.2	.3		.2					4	4		
[illegible]/ 67						.2		.3	.5	.9	.3							14	14		
6/ 65					.3		.3	.6	1.1	1.2	.2							24	24		
4/ 63					.2	.6	.8	1.2	1.1	.9	.2							32	32		
[illegible]/ 61				.5	.2	1.4	1.5	2.0	2.5	.3	.2							55	55		
[illegible]/ 59			.6	.6	1.2	2.5	1.5	3.1	2.5	.2	.5							82	82	1	
[illegible]/ 57		.3	.5	1.4	1.4	3.2	2.1	1.4	1.2	.2								76	76	4	
5/ 55			.9	2.8	2.6	2.8	2.3	.9	.6	.2								85	85	8	
4/ 53	.2	.3	.8	2.1	2.9	2.3	2.5	1.4	.5									84	84	23	1[illegible]
[illegible]/ 51		.3	1.2	1.8	1.5	1.7	1.5	.5	.3									58	58	67	4
[illegible]/ 49		.2	1.4	1.7	.9	1.4	2.3	.3	.2									54	54	98	14
[illegible]/ 47		.2	.8	1.2	.9	.8	.6											29	29	96	18
[illegible]/ 45		.2	.3	.8	.8	1.1	.8											25	25	109	33
[illegible]/ 43		.2	.3	.3	.5	.2	.5											12	12	76	41
[illegible]/ 41		.2		.6	.3	.2	.2											9	9	62	4[illegible]
[illegible]/ 39			.2	.2	.3	.2												5	5	42	45
[illegible]/ 37																				31	71
[illegible]/ 35																				20	4[illegible]
[illegible]/ 33					.2													1	1	11	3[illegible]
[illegible]/ 31																				2	4[illegible]
[illegible]/ 29																				2	55
[illegible]/ 27																				1	44
[illegible]/ 25																					3[illegible]
[illegible]/ 23																					31
2/ 21																					24
[illegible]/ 19																					2[illegible]
[illegible]/ 17																					[illegible]
1[illegible]/ 15																					[illegible]
[illegible]/ 13																					[illegible]
1 / 11																					7
[illegible]/ 9																					4
[illegible]/ 7																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
/ 5																					1
-/ 3																					1
TOTAL	.2	1.7	6.9	13.9	14.1	18.2	16.8	11.6	10.3	4.1	1.8	.2	.2					653	653	653	653

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.	1609986	30378	46.5	17.373	653							
Dry Bulb	2039763	36274	55.5	6.161	653			3.1	.1			9
Wet Bulb	1369967	29725	45.5	5.086	653		.7					9
Dew Point	795744	21938	33.6	9.490	653		42.2					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMM

2 [illegible] 4 — STATION

WILLIAMS AFB AZ — STATION NAME

70,73-81 — YEARS

21-0 — HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
4/ 63								.4	.4									2	2	
2/ 61					.4		.4	.4	.4									4	4	
/ 59			.4			.4		1.4	.4									7	7	
/ 57		.4		1.1		1.1		1.8	.4									13	13	
5 / 55		.7	.4	.4	2.1	1.1	.7	.7	.4									18	18	4
-/ 53			1.1	.7	2.5	1.8	2.5		.4									25	25	[illegible]
/ 51		.4	1.8	2.8	2.8	3.9	1.8											38	38	3
/ 49		.4	5.0	1.4	3.2	2.5	1.4		.4									40	40	1[illegible]
/ 47		.4	2.5	2.5	2.1	4.3	.4											34	34	2[illegible]
/ 45		.4	2.5	2.1	2.5	1.8												26	26	3[illegible]
4/ 43		.7	3.2	2.5	2.1	.4	.4	.7										28	28	37
2/ 41			2.1	.7	4.3	.4												21	21	45
/ 39	.7		1.1	.7														7	7	35
/ 37			1.1	.7	1.1													8	8	31
/ 35				1.8	.4													6	6	21
3 / 33				.7														2	2	14
/ 31																				[illegible]
/ 29			.7															2	2	5
/ 27																				3
/ 25																				[illegible]
/ 23																				
2/ 21																				
/ 19																				
/ 17																				
/ 15																				
/ 13																				
1 / 11																				
/ 9																				
/ 5																				
/ 3																				
TOTAL	.7	3.2	21.7	18.1	23.5	17.4	7.5	5.3	2.5									281	281	
																		281		281

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
Rel. Hum.	931219	15463	55.0	16.936	281						
Dry Bulb	670062	13612	48.4	6.176	281		.7				
Wet Bulb	485514	11578	41.2	5.499	281		6.0				
Dew Point	306333	8933	31.8	8.935	281		48.0				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,72-81 — YEARS
JAN — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 81														.0				2	2		
/ 79													.0	.0	.0			4	4		
7 / 77												.0	.1	.0	.0			7	7		
/ 75											.1	.1	.1	.0				13	13		
/ 73										.1	.3	.4	.3					50	50		
/ 71								.1	.1	.4	.3	.3						53	53		
/ 69						.0		.1	.4	.5	.6	.2	.1					84	84		
/ 67						.0	.1	.3	.7	.7	.6	.2						124	124		
/ 65					.1	.1	.5	1.1	1.1	1.1	.4	.1						202	202		
/ 63				.1	.2	.4	.9	.9	.8	.8	.3	.0						200	200		
/ 61			.1	.3	.4	1.0	1.4	1.0	1.4	.7	.1	.0						291	291		
/ 59		.1	.2	.7	1.1	1.8	1.2	1.4	1.1	.3	.2							359	359	4	
/ 57	.1	.1	.4	.9	1.1	1.8	1.3	.9	.6	.2	.0							336	336	[illegible]	
5 / 55		.3	.6	1.1	1.9	1.5	1.3	1.0	.6	.2								389	389	90	2
/ 53	.1	.6	.9	1.2	1.8	1.3	1.1	.8	.3	.1								374	374	237	33
/ 51		.4	1.1	1.5	1.1	1.3	1.1	.5	.2									322	322	427	64
/ 49	.1	.5	1.7	1.1	1.3	1.0	1.1	.3	.2									326	326	506	83
/ 47	.1	.5	1.3	1.1	.9	1.1	.4	.2										244	244	557	130
/ 45	.1	.9	1.7	1.0	1.0	.9	.3	.1										267	267	536	188
4/ 43	.1	.6	1.2	1.0	.6	.2	.2	.0										178	179	431	243
2/ 41	.1	.4	1.1	1.0	.7	.2	.0											163	163	395	269
/ 39	.0	.6	1.2	.9	.6	.2												166	166	320	413
3 / 37	.1	.6	1.0	.8	.3	.0												124	124	301	364
/ 35		.3	.6	.9	.1	.1												91	91	229	356
3 / 33	.0	.4	.4	.5	.0													66	66	162	272
2 / 31		.2	.5	.2	.0													44	44	132	340
/ 29	.0	.2	.3	.1	.1													33	33	79	294
/ 27		.2	.2	.1														18	18	61	298
/ 25		.2	.1	.0														15	15	28	275
/ 23		.1	.1															6	6	18	196
2 / 21																				14	229
/ 19																				4	172
1 / 17																					81
1 / 15																					60

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 70,73-81 | JAN

STATION | STATION NAME | YEARS | MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 17																					
1 / 11																					36
/ 6																					
/ 7																					
/ 5																					
/ 3																					
/ 1																					
/ -																					
TOTAL	.4	7.2	14.6	14.4	13.3	13.0	10.9	8.7	7.5	5.2	2.7	1.4	.5	.2	.1			4551	4552	4551	

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.	13536427	230469	50.6	20.247	4551							
Dry Bulb	13194325	240895	52.9	9.899	4552		19.0	55.1	12.4	.3		744
Wet Bulb	8948537	199303	43.8	6.960	4551		54.9					744
Dew Point	5329902	149250	32.8	9.781	4551	.7	347.6					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 3 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
FEB — 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
87 / 85											.5							1	1		
/ 83				.5			.5	.5		.5								4	4		
/ 81			.9	.5						.9								5	5		
79 / 77		.9	2.3	.5	.9	.5	.9		.5									14	14	2	
/ 75			.9	1.8	.5	.5	.9	.5		.5								12	12	3	
/ 73	.9	1.4	2.3	.5	.5		.5											13	13	8	7
/ 71		.9	2.3	2.3	2.3	.5	1.4		.5									22	22	8	4
/ 69		1.4	3.2	5.0	.9	4.5	.5											34	34	17	5
/ 67	.5	3.2	1.8	2.7	.9	1.4	.5											24	24	13	12
71 / 63		.9	1.8	3.2	5.5	1.8	.9											31	31	23	11
67 / 61		.5	1.8	2.3	2.7	2.3												21	21	26	17
/ 59		1.4	.9	1.4	.9	.9	.5											13	13	19	11
/ 57			.9	2.3	.5													8	8	31	15
/ 55		1.4	.9	1.4	.5													9	9	22	13
53 / 53			.5	1.4	.9													6	6	18	17
/ 51				.5														1	1	15	19
/ 49			.5		.5													2	2	7	8
/ 47																				5	11
/ 45																				2	15
/ 43																				1	19
41 / 41																					13
/ 39																					9
/ 37																					9
/ 35																					7
/ 33																					5
31 / 31																					6
/ 29																					2
/ 27																					1
/ 25																					1
TOTAL	1.4	11.8	20.9	25.9	17.3	12.3	6.4	.9	.9	1.8	.5							220	220	220	220

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.	839722	12936	58.8	19.003	220							
Dry Bulb	474129	10117	46.0	6.370	220		1.1					84
Wet Bulb	356859	8745	39.8	6.497	220		11.5					84
Dew Point	236889	6813	31.0	10.876	220		45.8					84

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 70,73-81 | FEB

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 67											.1							1	1		
6/ 65										.3								2	2		
4/ 63								.1	.3		.3							5	5		
/ 61			.1							.1								2	2		
/ 59		.1	.4	.3			.1		.1	.1								9	9	1	1
/ 57		.1	.7	.3				.3		.1								11	11	1	
5 / 55			1.7	.1	.4		.3	.3										20	20	8	1
/ 53	.3	.7	.7	.7	1.7	.8	.3	.8	.1									44	44	10	6
/ 51	.4	.8	2.4	.8	1.3	1.0	.6	.3	.3									56	56	21	15
/ 49		1.7	2.7	1.7	1.0	1.4	1.0	.3										69	69	13	8
/ 47	.3	1.4	3.2	3.1	2.4	2.1	1.0	.1										97	97	55	2[illegible]
/ 45	.1	1.7	2.1	3.6	1.4	1.1	.4	.3										77	77	51	[illegible]8
4/ 43		.8	2.5	2.7	2.2	.7	1.[illegible]											71	71	63	28
2/ 41		1.1	1.5	3.8	2.9	.4	.1											71	71	65	39
/ 39		1.3	2.1	3.8	1.5	1.0	.4											72	72	91	[illegible]6
/ 37		.8	.7	2.2	.7	.6												36	36	85	4[illegible]
/ 35		.4	1.3	1.3	.8	.1												28	28	72	41
3 / 33		1.1	1.[illegible]	.7	.3	.1												23	23	74	55
[illegible]/ 31			.4	.7	.3													10	10	44	65
/ 29				.1	.3													3	3	25	44
/ 27		.4	.4															6	6	16	41
/ 25																				12	44
/ 23																				6	5[illegible]
2/ 21																					55
/ 19																					[illegible]
[illegible] / 17																					5
[illegible] / 15																					1[illegible]
/ 13																					21
1 / 11																					16
/ 9																					9
/ 7																					5
/ 5																					6
4/ 3																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 04 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
FEB — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	12.6	24.0	25.9	17.3	9.4	5.2	2.5	.8	.7	.4								713	713	713	713

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.	2819269	42833	60.1	18.592	713							
Dry Bulb	1490671	32253	45.2	6.671	713		2.2	.1				84
Wet Bulb	1132086	28018	39.3	6.608	713		12.1					84
Dew Point	761815	22039	30.9	10.639	713		47.1					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (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
o/ 75													.1					1	1		
4/ 73												.1	.2					3	3		
/ 71									.1		.1	.1	.2					5	5		
/ 69								.2	.4	.1	.9	.1	.2					16	16		
/ 67						.1		.4	.7	.6	.6	.7						26	26		
o/ 65					.1	.1	.6	.4	1.1	.7	.4	.2						30	30		
4/ 63				.6	.4	.5	1.2	.5	1.6	.6	.4	.2						49	49		
/ 61			.1	.4	.4	1.6	1.5	1.1	1.0	.1	.5	.1						55	55		
/ 59		.2	.6	1.1	1.3	1.2	1.6	1.8	1.8	.5	.4							87	87	1	
/ 57		.4	.6	1.5	1.5	1.6	2.0	2.1	.7	.2	.1							87	87	12	1
5 / 55		.5	1.1	1.7	2.4	2.2	2.4	2.2	.9	.2								112	112	20	5
4/ 53		.2	2.0	1.7	1.7	2.0	1.6	.7	.2									83	83	39	1
/ 51	.2	.4	1.5	1.1	1.8	1.8	2.1	.6	.4									81	81	84	16
/ 49	.1	.5	1.1	2.1	2.2	1.6	.6	.7										72	72	106	19
/ 47		.2	1.2	1.1	1.0	1.3	.7											46	46	106	41
/ 45		.4	.5	.9	.9	.4	.2	.2										28	28	114	37
4/ 43		.2	.4	.6	.5	.1	.4											18	18	109	46
2/ 41			.2	.4	.4	.5												12	12	92	52
/ 39				.4	.1	.1												5	5	61	60
3 / 37				.1	.2													3	3	33	60
/ 35																				72	51
3 / 33			.1															1	1	11	54
2/ 31																				6	65
/ 29																				4	54
/ 27																					61
/ 25																					42
24/ 23																					42
2/ 21																					14
/ 19																					19
1 / 17																					11
15/ 15																					15
14/ 13																					19
12/ 11																					15
/ 9																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | FEB 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
/ 7																					7
/ 5																					2
TAL	.4	3.0	9.4	13.4	14.9	15.1	14.9	11.0	8.9	3.2	3.3	1.7	.9					820	820	820	820

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.	2143077	38841	47.4	19.244	820							
Dry Bulb	2574991	45621	55.6	6.708	820			5.2	.4			84
Wet Bulb	1731511	37423	45.6	5.369	820		1.0					84
Dew Point	1018656	27614	33.7	10.409	820		37.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 134 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
4/ 83																.4		3	3		
/ 81														.1	.2			3	3		
/ 79												.1	.1	.2	.5			8	8		
7 / 77											.2	.4	.7	.9	.1			19	19		
6/ 75										.2	.2	.9	1.2	1.0	.2			31	31		
4/ 73								.1	.1	.9	1.2	2.4	.7	.5				49	49		
/ 71							.1	.2	.4	.5	2.3	1.3	.7	.2				48	48		
/ 69						.2	.6	1.5	1.0	1.8	2.2	1.2	.9					77	77		
/ 67					.2	.4	.7	2.3	1.8	1.9	1.7	1.5	.1					88	88		
6/ 65				.5	.4	.9	1.2	2.9	1.5	2.2	1.0	1.0						94	94		
4/ 63			.1	.4	.5	1.1	1.8	1.8	1.7	1.7	1.0	.1						84	84		
/ 61				.5	.6	1.9	1.3	1.8	1.6	1.7	.5							82	82		
/ 59		.1	.2	1.2	1.0	.7	2.3	2.2	1.6	.7	.5							85	85	15	
/ 57			.5	.4	.7	.7	1.5	.9	.9	1.0								53	53	29	1
5 / 55			.4	.4	.6	1.0	.5	.4	1.1	.5								39	39	60	3
4/ 53		.2	.4	.5	.7	.5	.7	.5	.2									31	31	117	12
2/ 51	.4		.1	.5	.1	.4	.1	.2										15	15	159	16
5 / 49			.1	.5		.2	.1	.2										10	10	115	25
/ 47		.1		.1				.1										3	3	122	22
4/ 45																				95	33
4/ 43																				49	38
2/ 41																				28	58
4 / 39																				23	44
3 / 37																				7	7
/ 35																				2	49
3 / 33																				1	46
2/ 31																					7
/ 29																					55
2/ 27																					6
/ 25																					45
2 / 23																					25
2/ 21																					31
/ 19																					24
1 / 17																					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	≥ 90 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104	WILLIAMS AFB AZ	70,73-81	FEB
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 15																					19
/ 13																					23
1 / 11																					14
/ 9																					10
/ 7																					5
/ 5																					1
TOTAL	.4	.5	1.8	4.6	4.9	8.0	11.1	15.2	11.8	13.1	10.8	8.9	4.5	2.9	1.1	.4		822	822	822	822

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.	1186760	27912	34.0	17.061	822							
Dry Bulb	3473876	53144	64.7	6.804	822			33.3	11.5	1.2		84
Wet Bulb	2032813	40703	49.5	4.593	822							84
Dew Point	970756	26866	32.7	10.625	822		41.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 134 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
FEB — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 85																	.1	1	1		
4/ 83													.1	.3	.3	.1		6	6		
/ 81														.1	1.1	.5		13	13		
/ 79											.1	.7	.8	2.2	1.1			37	37		
7 / 77											.5	.4	.7	1.3	1.1			30	30		
6/ 75										.4	.5	1.6	1.8	1.1	.1			42	42		
4/ 73										.8	1.7	1.3	2.0	.9				51	51		
/ 71								.3	2.0	1.8	3.2	2.8	1.6					88	88		
/ 69						.4	.4	.7	1.5	.3	2.6	2.5	1.3					73	73		
/ 67						.8	.5	1.7	2.1	1.1	2.9	1.3	.1					80	80		
6/ 65				.4	.4	.1	1.6	2.6	1.3	1.1	1.6	.4						72	72		
4/ 63				.5	.1	.8	1.1	1.1	1.7	2.0	.9							62	62		
/ 61				.4	.9	.9	1.7	2.1	1.2	.8	.9	.1						69	69		
/ 59			.1	.5	.8	1.3	.5	.8	.8	.9	.4							47	47	14	
/ 57			.3	.3	.8	.9	.8	.4	.5	1.2								39	39	34	
5 / 55		.1	.1		.7	.3	.7	.3	.3	.1								19	19	73	1
4/ 53		.4	.4	.3	.4	.1	.3	.1		.1								16	16	149	9
2/ 51	.3		.3	.1	.1			.1	.3									9	9	125	15
0/ 49			.1		.3			.1										4	4	133	19
/ 47																				105	13
6/ 45																				58	29
4/ 43																				27	37
2/ 41																				27	53
/ 39																				7	44
4/ 37																				2	55
0/ 35																				4	43
4/ 33																					50
2/ 31																					48
0/ 29																					42
8/ 27																					45
6/ 25																					59
4/ 23																					42
2/ 21																					42
/ 19																					20

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 70,73-81 | FEB
STATION | STATION NAME | YEARS | 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
≥ / 17																					23
1 - / 15																					26
- / 13																					25
1 / 11																					5
- / 9																					5
- / 7																					5
- / 5																					2
/ 3																					2
TOTAL	.3	.5	1.3	2.5	4.5	5.7	7.5	10.3	11.6	10.6	15.4	11.1	8.4	5.9	3.6	.7	.1	758	758	758	758

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.	895398	22820	30.1	16.592	758							
Dry Bulb	3489036	51140	67.5	7.157	758			46.7	19.9	4.1		84
Wet Bulb	1941090	38220	50.4	4.294	758							84
Dew Point	848852	24068	31.8	10.574	758		43.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

2 1?4 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | FEB 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 Po
/ 81														.2				1	1		
/ 79														.2	.2			2	2		
7 / 77											.5		.3	.8	.2			11	11		
/ 75										.2	.3	.6	.5	.8				15	15		
4/ 73									.5	.2	.6	1.5	.8					22	22		
/ 71									.5	.6	1.1	1.3	.2	.2				24	24		
/ 69								.8	.8	1.5	1.5	1.1	.5					38	38		
/ 67						.2	1.0	.6	1.5	1.8	2.3	1.3						53	53		
6/ 65					.3	1.1	1.1	1.9	1.1	1.9	1.8	.5						61	61		
4/ 63				.2	.3	.6	1.6	1.0	2.1	1.8	1.0	.2						54	54		
/ 61			.2	.6	1.1	1.8	1.6	1.8	2.1	1.3	.3							67	67		
/ 59				1.0	1.5	1.1	1.9	2.6	2.3	1.1	.6							75	75		
/ 57			1.0	1.6	1.3	1.3	1.6	1.5	.6	.8								60	60	18	
5 / 55		.2	.6	.5	1.3	.5	1.5	2.8	.5	.5								51	51	34	
4/ 53		.5	.6	.8	.5	1.1	.5	.8	.5									33	33	71	
/ 51		.2	.6	.8	.2	.8	.5	.5	.2									23	23	102	1
5 / 49			.6	.8	.3			1.3										17	17	84	2
/ 47			.3	.3			.2	.3										7	7	99	3
/ 45						.3												2	2	77	2
4/ 43				.2														1	1	61	3
2/ 41																				36	3
/ 39																				17	4
/ 37																				8	3
/ 35																				1	2
3 / 33																					3
2/ 31																					5
/ 29																					3
/ 27																					3
/ 25																					5
1/ 23																					3
2/ 21																					2
/ 19																					1
/ 17																					1
1 / 15																					1

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

2 1.4 | WILLIAMS AFB AZ | 73,73-81 | FEB

STATION | STATION NAME | YEARS | MONTH

 1800-

HOUR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	De
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
./ 13																					
1 / 11																					
/ 9																					
/ 7																					
/ 5																					
TAL		.8	4.1	6.8	6.8	8.9	11.5	15.6	12.6	11.7	10.0	6.5	2.3	2.1	.3				617		
																		617		617	

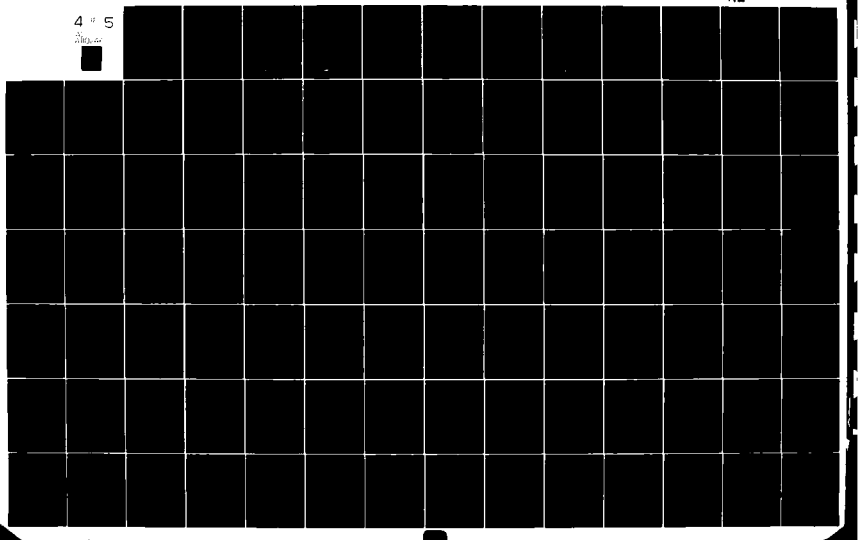
Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	To
Rel. Hum.	1041029	22759	36.9	18.087	617							
Dry Bulb	2412215	38341	62.1	6.940	617			22.6	6.9	.3		
Wet Bulb	1454585	29815	48.3	4.742	617							
Dew Point	724403	20129	32.6	10.485	617		42.5					

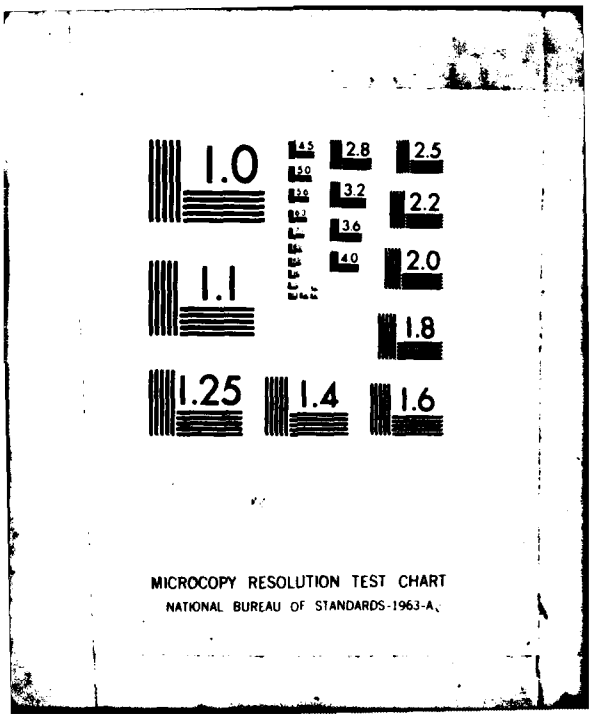
USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AIR 64

AD-A110 246 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS AFB, ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(U)
OCT 81

UNCLASSIFIED USAFETAC/DS-81/096 SBI-AD-E850 129 NL

4 of 5




1.0
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2.2
2.5
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
FEB — 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
/ 69									.4									1	1		
6/ 65									.4									1	1		
4/ 63					.4		1.1	.7	.7	.7	.4							11	11		
/ 61						.4	.4	.4	.7	1.1	.7							10	10		
/ 59				1.5	.7	2.2	1.5	.7	1.1	.4								22	22		
/ 57			.4	1.5		2.6	1.5	2.6	1.1	.4								27	27		
5 / 55		1.1	1.5	1.5	1.1	2.2	1.1	1.8	2.6	1.1								38	38	1	
4/ 53			2.2	2.2	2.6	1.8	3.7	2.9	.7									44	44	12	
/ 51		.4	2.2	2.2	2.2	2.6	2.9	1.5	.4									39	39	15	6
5 / 49		1.1	.7	1.8	2.2	1.8	1.5	1.5										29	29	22	4
/ 47		.4	1.5	.7	.4	2.6	.7											17	17	32	12
4 / 45		1.1		1.8	2.2	.4	1.1											18	18	33	14
4 4/ 43			1.1	1.1	.4	1.1												10	10	41	13
2/ 41				.4	.4	.4	.4											4	4	42	12
/ 39					.4													1	1	39	20
/ 37				.4														1	1	19	18
/ 35																				8	16
34/ 33																				5	21
2/ 31																				3	14
/ 29																				1	12
/ 27																					16
/ 25																					21
/ 23																					23
2/ 21																					13
/ 19																					9
2/ 17																					5
1 / 15																					6
4/ 13																					7
/ 11																					5
/ 9																					1
/ 7																					3
/ 5																					2
TOTAL		4.0	9.5	15.0	12.8	17.9	15.8	12.1	8.1	3.7	1.1							273	273	273	273

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.	715647	12969	47.5	19.131	273							
Dry Bulb	781104	14530	53.2	5.344	273			.3				84
Wet Bulb	529962	11950	43.8	5.028	273		1.2					84
Dew Point	304889	8659	31.7	10.545	273		42.2					84

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

USAFETAC

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 | WILLIAMS AFB AZ | 70,73-81 | FEB

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 85																	.0	1	1		
[illegible]4/ 83													.0	.0	.0	.1		9	9		
[illegible]/ 81														.1	.2	.1		17	17		
[illegible]/ 79											.0	.1	.2	.5	.3			47	47		
[illegible]/ 77											.2	.1	.3	.5	.2			60	60		
[illegible]/ 75										.1	.2	.5	.7	.5	.1			89	89		
[illegible]4/ 73								.0	.1	.3	.6	.9	.7	.3				125	125		
[illegible]2/ 71							.0	.1	.5	.5	1.2	1.0	.5	.1				165	165		
[illegible]/ 69						.1	.2	.6	.7	.6	1.3	.9	.5					205	205		
[illegible]/ 67					.0	.3	.4	.9	1.1	.9	1.3	.9	.0					248	248		
[illegible]6/ 65				.2	.2	.4	.8	1.4	.9	1.1	.8	.4						261	261		
[illegible]4/ 63			.0	.3	.3	.5	1.1	.9	1.3	1.1	.6	.1						265	265		
[illegible]/ 61			.1	.3	.5	1.1	1.1	1.2	1.1	.8	.4	.0						285	285		
[illegible]/ 59		.1	.3	.8	.9	.9	1.3	1.4	1.2	.6	.3							329	329	31	1
[illegible]/ 57		.1	.6	.8	.8	1.0	1.1	1.1	.6	.7	.0							282	282	94	2
5[illegible]/ 55		.3	.9	.6	1.1	.9	1.1	1.1	.7	.3								293	293	198	10
[illegible]4/ 53	.0	.4	.9	.9	1.1	.9	.9	.7	.2	.0								263	263	401	41
[illegible]2/ 51	.3	.3	1.1	.8	.8	.9	.8	.4	.2									236	236	514	85
5[illegible]/ 49	.0	.5	1.0	1.1	.9	.7	.5	.5	.0									223	223	481	99
[illegible]/ 47	.1	.4	1.1	1.1	.7	1.0	.4	.1										204	204	536	150
[illegible]/ 45	.0	.6	.5	1.0	.6	.4	.2	.1										149	149	441	177
44/ 43		.2	.7	.8	.8	.3	.3											131	131	373	208
[illegible]2/ 41		.2	.4	.9	.7	.3	.0											108	108	316	261
4[illegible]/ 39		.3	.4	.8	.4	.2	.1											91	91	257	251
3[illegible]/ 37		.1	.2	.5	.2	.1												48	48	185	291
[illegible]6/ 35		.1	.3	.3	.2	.0												37	37	140	239
34/ 33		.2	.2	.2	.1	.0												30	30	109	278
[illegible]2/ 31			.1	.1	.0													11	11	68	332
3[illegible]/ 29			.0	.0	.1													5	5	37	251
2[illegible]/ 27		.1	.1															6	6	21	269
[illegible]6/ 25																				14	277
24/ 23																				7	233
[illegible]2/ 21																					190
2[illegible]/ 19																					121

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 17																					82
[illegible] / 15																					105
[illegible] / 13																					115
1 / 11																					71
[illegible] / 9																					35
[illegible] / 7																					29
[illegible] / 5																					15
[illegible] / 3																					5
TOTAL	.4	3.9	8.8	11.7	10.3	10.2	10.3	10.5	8.7	7.2	7.2	5.0	2.9	1.9	.9	.2	.0	4223	4223	4223	4223

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.	9640902	181070	42.9	21.086	4223							
Dry Bulb	14696022	245146	58.1	10.497	4223		3.5	153.7	55.4	8.1		672
Wet Bulb	9178906	194874	46.1	6.642	4223		23.4					672
Dew Point	4866260	136188	32.2	10.599	4223		338.9					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 | 104 — STATION | WILLIAMS AFB AZ — STATION NAME | 70,73-81 — YEARS | MAR — 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
≥ 4/ 63									.4	.4								2	2		
62/ 61					.4		.4	.4	.4	.4								5	5		
60/ 59		.4		.4			.4	.4		.4								5	5		
58/ 57			.8	.8	.4			.8										7	7	1	
56/ 55			.8	.8	2.0	.8	.8	1.2										16	16	3	1
54/ 53				.4	1.6	1.6	.4	.8	.4									13	13	2	
52/ 51		.4	2.8	.8	1.6	1.6	1.6	.4	.8									25	25	5	3
50/ 49		.8	2.0	2.4	1.6	2.8	.8	.4										27	27	6	4
48/ 47		1.6	3.6	4.9	2.8	.8	2.0	.8										41	41	18	3
46/ 45		1.6	2.4	4.0	2.8	2.8	.8											36	36	24	11
44/ 43	.4	2.4	2.0	2.0	1.2	2.4	1.6											30	30	33	10
42/ 41		2.0	1.2	1.2	1.6	.4	.4											17	17	41	14
40/ 39		.8	1.6		1.2	.4												10	10	38	21
38/ 37	.4	1.6	.4	.4	.4													8	8	27	22
36/ 35			.8		1.2													5	5	18	18
34/ 33																				16	21
32/ 31																				11	23
30/ 29																				2	12
28/ 27																				2	14
26/ 25																					12
24/ 23																					8
22/ 21																					8
20/ 19																					13
18/ 17																					6
16/ 15																					7
14/ 13																					6
12/ 11																					4
10/ 9																					3
8/ 7																					3
TOTAL	.8	11.7	18.6	18.2	19.0	13.8	9.3	5.3	2.0	1.2									247		247
																		247		247	

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.	910524	14142	57.3	20.245	247							
Dry Bulb	572769	11809	47.8	5.768	247							93
Wet Bulb	421961	10121	41.0	5.366	247		5.6					93
Dew Point	274109	7849	31.8	10.018	247		44.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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
[illegible] / 69							.1											1	1		
6[illegible] / 67							.1											1	1		
[illegible]6/ 65						.1												1	1		
[illegible]4/ 63			.1		.1		.1			.1								4	4		
[illegible]2/ 61				.1	.2	.2	.5	.4	.1									13	13		
[illegible] / 59		.1	.5	.6	.7	.2	.5	.1	.5									27	27	1	
[illegible] / 57			.1	.4	.5	1.1	.5	.2	.5									27	27	4	1
5[illegible] / 55			.7	.2	1.5	1.2	.9	.5	.6									46	46	10	2
[illegible]/ 53		.1	.4	1.7	1.4	2.6	.5	1.2										64	64	10	1
[illegible]2/ 51		.4	1.6	1.5	1.9	2.9	1.0	.9	.1									82	82	18	10
50/ 49		1.0	3.1	1.6	2.1	1.9	1.1	1.0										95	95	21	14
[illegible]/ 47		1.6	3.1	3.6	2.5	1.2	.9	.4										107	107	71	10
[illegible]/ 45		2.1	2.7	4.5	2.7	1.7	.7											117	117	72	26
[illegible]4/ 43		2.0	2.6	1.5	.6	1.0	1.0											70	70	134	40
[illegible]2/ 41		2.6	1.0	.6	1.2	1.6	.2											59	59	123	44
[illegible]/ 39	.1	1.1	1.9	.6	1.1	.6												44	44	115	89
3[illegible]/ 37	.1	.9	.5	.5	.7													22	22	78	76
[illegible]/ 35		.6	.4	.6	.2													15	15	48	73
34/ 33		.2			.4													5	5	41	62
[illegible]2/ 31				.1														1	1	39	72
[illegible]/ 29				.1														1	1	12	50
[illegible]/ 27																				1	42
[illegible]/ 25																				3	30
[illegible]/ 23																				1	19
[illegible]2/ 21																					24
[illegible]/ 19																					29
18/ 17																					26
16/ 15																					20
14/ 13																					14
12/ 11																					19
[illegible] / 9																					8
[illegible]/ 7																					1
TOTAL	.2	12.8	18.8	18.9	18.1	16.6	8.2	4.7	1.9	.1								802	802	802	802

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2999225	46571	58.1	19.188	802
Dry Bulb	1882859	38543	48.1	6.174	802
Wet Bulb	1397830	33182	41.4	5.582	802
Dew Point	923826	26114	32.6	9.581	802

Mean No. of Hours with Temperature							
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.2	.2				93
Wet Bulb		6.5					93
Dew Point		41.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (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
4/ 83												.1						1	1		
-2/ 81											.1		.1					2	2		
0 / 79											.1	.1	.1					3	3		
78/ 77										.2	.3	.1	.3	.1				10	10		
76/ 75									.3		.1	.2	.2	.1				9	9		
74/ 73						.1		.2	.1	.2	.3	.3	.5	.2				19	19		
72/ 71							.1	.2		.5	.3	.3	.3					17	17		
70/ 69					.2	.1	.2	.5	.3	1.1	.4	.9	.1					36	36		
68/ 67						.1	.2		1.4	1.4	.8	.9						44	44		
66/ 65					.3	.6	.8	1.8	1.1	1.4	1.0	.5						70	70	1	
64/ 63					.2	.4	1.6	1.8	1.5	1.2	.3	.1						67	67	1	
62/ 61			.1	.2	.4	2.4	2.0	1.9	1.0	1.6	.6							96	96	3	
60/ 59				.4	1.4	2.3	2.7	1.5	1.1	.8								94	94	11	1
58/ 57			.3	1.0	1.5	2.4	2.4	1.1	1.4	.8								100	100	18	1
56/ 55			1.0	1.4	2.9	2.9	1.7	.9	.6	.1								107	107	26	1
54/ 53		.2	1.1	1.8	2.4	2.4	.8	.6	.4									90	90	51	1
52/ 51		.2	1.6	1.4	1.3	.8	.4	.5	.1									59	59	133	13
50/ 49		.1	1.7	.9	1.3	.1	.4	.2										44	44	143	22
48/ 47		.5	1.3	1.0		.3	.2	.1										32	33	169	37
46/ 45		.5	1.1	.1	.1		.1	.1										19	19	153	51
44/ 43		.2	.1	.1		.1	.1											6	6	104	61
42/ 41		.1	.1															2	2	67	83
40/ 39			.2															2	2	24	96
38/ 37																				16	99
36/ 35																				5	89
34/ 33																				4	57
32/ 31																					69
30/ 29																					44
28/ 27																					28
26/ 25																					24
24/ 23																					23
22/ 21																					29
20/ 19																					28
18/ 17																					25

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2'104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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
15/ 15																					22
14/ 13																					13
1 / 11																					8
/ 9																					4
TOTAL		1.9	8.6	8.3	12.1	15.0	13.8	11.6	9.4	9.3	4.4	3.6	1.7	.4				929	930	929	929

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.	2143020	41058	44.2	18.812	929							
Dry Bulb	3298229	54967	59.1	7.295	930			14.1	4.4	.3		93
Wet Bulb	2127881	44251	47.6	4.651	929							93
Dew Point	1210036	32370	34.8	9.408	929		31.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]134 | WILLIAMS AFB AZ | 70,73-81 | MAR

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89													.1					1	1		
[illegible]8/ 87												.1	.1	.1	.1			4	4		
6/ 85													.2	.3	.2	.2		9	9		
[illegible]4/ 83												.1	.2	.1	.8	.1		12	12		
[illegible]/ 81												.2	.1	1.0	.4			16	16		
[illegible] / 79								.2		.1	.3	.8	.8	.4	.6			30	30		
7[illegible]/ 77									.1		.1	.8	.3	1.2	.4			27	27		
[illegible]6/ 75								.1	.2	.1	.5	1.0	1.6	.5				38	38		
74/ 73						.1		.1	.2	.4	1.6	1.2	1.3	.4				50	50		
[illegible]2/ 71								.2	1.0	2.6	2.3	1.9	1.2					85	85		
[illegible] / 69							.8	.4	1.7	1.6	1.9	1.1	.3					73	73		
5[illegible]/ 67					.1	.1	.8	2.2	3.0	1.8	1.2	2.0	.1					105	105		
6/ 65					.3	.3	.5	2.2	2.8	1.4	1.7	.8						93	93	5	
4/ 63					.3	.4	1.4	2.0	1.0	.8	.5	.3						63	63	2	
[illegible]2/ 61				.1	.5	.6	1.8	1.7	1.1	1.0	1.4							77	77	10	
[illegible]/ 59			.1	.2	1.0	1.9	2.6	1.2	1.0	.5	.2							81	81	20	
5[illegible]/ 57				1.0	.1	1.7	1.0	.6	.4	.2								47	47	31	3
5[illegible]/ 55				1.0	.8	1.0	.5		.5									35	35	87	2
54/ 53	.1	.1		1.0	.6	.6		.3	.1									27	27	129	1
[illegible]2/ 51	.1	.1	.4	.6	.8	.1		.1										21	21	164	14
5[illegible]/ 49		.1	1.0	.9	.1			.1										20	20	156	17
46/ 47		.2	.2	.1	.1	.1		.1										8	8	127	20
46/ 45			.2		.1			.1										4	4	106	40
44/ 43			.1															1	1	49	42
42/ 41		.1	.1															2	2	23	62
4[illegible]/ 39		.1																1	1	14	93
38/ 37																				4	92
36/ 35																				1	107
34/ 33																				2	69
[illegible]2/ 31																					72
[illegible]/ 29																					45
28/ 27																					31
26/ 25																					39
24/ 23																					26

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (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
2/ 21																					40
/ 19																					32
/ 17																					28
/ 15																					22
/ 13																					11
1 / 11																					10
/ 9																					8
/ 7																					4
TOTAL	.2	.8	2.2	4.8	4.8	7.1	9.4	11.7	13.1	10.5	11.8	10.2	6.3	4.1	2.6	.3		930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	1315732	31192	33.5	17.034	930							
Dry Bulb	4110493	61331	65.9	8.421	930			45.0	18.7	5.8		93
Wet Bulb	2362478	46674	50.2	4.645	930							93
Dew Point	1120161	31025	33.4	9.574	930		36.8					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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
/ 89														.1				1	1		
8/ 87														.2	.5	.2		8	8		
6/ 85												.2	.1	.2	.4	.8		15	15		
4/ 83													.1	.4	1.1	.7		19	19		
/ 81												.2	.4	.2	1.6	.5		25	25		
/ 79								.1			.4	.5	1.5	.7	1.1			36	36		
/ 77									.1	.5	.1	.9	1.6	1.8	.5			47	47		
6/ 75								.1	.4		1.1	1.6	2.5	.8				55	55		
4/ 73									.2	.2	2.3	2.0	1.3	.9				60	60		
2/ 71							.4	.1	1.1	1.8	1.9	1.8	2.5					80	80		
/ 69							.2	.7	1.8	2.1	2.1	1.4	.5					75	75		
6/ 67							.2	1.2	2.1	3.2	.8	2.3	.2					86	86	1	
6/ 65							.7	1.2	.9	1.4	1.2	.5						50	50		
4/ 63					.1	.8	.7	1.5	1.4	.8	.8	.2						55	55	4	
2/ 61				.1	.5	1.4	1.4	1.9	1.3	.6	1.4							73	73	9	
/ 59				.4	.6	.6	2.0	1.4	.4	.7	.4							54	54	19	1
7/ 57			.1	.2	.1	1.2	.7	.5	.5	.2								30	30	29	
6/ 55				.6	.4	1.2	.1											19	19	85	
4/ 53		.2	.2	.9	.7	.7		.4										27	27	155	
2/ 51		.1	.4	.5	.2	.1	.2		.2									15	15	157	9
0/ 49			.5	.1	.1	.5			.1									11	11	121	5
8/ 47		.4	.2															5	5	115	21
6/ 45		.2																2	2	88	25
4/ 43		.1																1	1	31	3
2/ 41		.1																1	1	21	45
/ 39		.1																1	1	13	72
3/ 37		.4																3	3		62
6/ 35																				6	96
4/ 33																					51
2/ 31																					105
/ 29																					44
8/ 27																					41
6/ 25																					42
4/ 23																					29

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAR — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 21																					40
/ 19																					35
1 / 17																					35
1 / 15																					23
1 / 13																					16
1 / 11																					4
/ 9																					8
/ 7																					5
TOTAL		1.6	1.4	2.8	2.7	6.4	6.7	9.0	10.4	11.5	12.4	11.7	10.7	5.4	5.0	2.2		854	854	854	854

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.	987506	25352	29.7	16.595	854							
Dry Bulb	4020430	58094	68.0	8.964	854			55.2	29.0	9.7		93
Wet Bulb	2199595	43163	50.5	4.599	854			.1				93
Dew Point	937535	27147	31.8	9.351	854		46.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

2[illegible]04 | WILLIAMS AFB AZ | 70,73-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-2[illegible]0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
8/ 87															.1			1	1		
6/ 85														.1	.1			2	2		
4/ 83												.1	.1		.3	.1		5	5		
/ 81															.3			2	2		
/ 79											.3	.6	.3	.4	.8			17	17		
7 / 77									.1	.3	.3	.3	.6	1.4				21	21		
5/ 75									.1	.1	.1	.8	1.7	.6				25	25		
4/ 73								.1	.7	.7	1.3	1.4	1.4					40	40		
/ 71							.3	.6		1.1	1.4	1.5	.6					39	39		
/ 69							.3	.6	.7	1.8	2.4	2.0	.7					60	60		
/ 67							.3	.8	2.7	2.8	1.1	1.0						62	62		
6/ 65						.1	.8	2.1	2.7	1.4	1.8	.4						67	67		
4/ 63						.3	1.3	1.1	1.7	2.2	1.3							56	56		
/ 61					.7	1.3	2.5	1.4	2.2	1.7	.8							76	76	5	
/ 59			.3	.3	1.0	1.0	1.3	1.7	1.7	.8	.4							60	60	12	
/ 57			.3	.7	.6	1.5	.8	1.1	.8	.3								44	44	17	
5 / 55			.1	.7	1.5	.4	.7	.6	.6	.3								35	35	31	
4/ 53			.1	.7	1.3	.8	.1	.6	.1									27	27	75	
2/ 51		.3	.7	.8	.7	.1	.4	.1	.1									24	24	137	
0/ 49			1.1	.4		.1	.1	.4										16	16	120	
/ 47		.7	.4	.1		.1	.1											11	11	92	2
/ 45		1.5	.1	.1	.1													14	14	108	3
4/ 43		.1		.1														2	2	62	3
2/ 41		.4																3	3	23	5
/ 39																				17	5
3 / 37		.4																3	3	6	6
/ 35																				7	5
34/ 33																					4
2/ 31																					6
/ 29																					4
2 / 27																					4
0/ 25																					3
4/ 23																					3
2/ 21																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (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
/ 19																					31
/ 17																					30
1 / 15																					9
/ 13																					13
1 / 11																					5
/ 9																					4
/ 7																					4
TAL		3.5	3.2	4.1	5.9	5.9	9.1	11.2	14.3	13.6	11.2	8.1	5.3	2.5	1.7	.1			712		712
																		712		712	

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.	1125507	24949	35.0	18.799	712							
Dry Bulb	2950854	45432	63.8	8.542	712			35.8	14.8	2.9		93
Wet Bulb	1716095	34801	48.9	4.608	712							93
Dew Point	809161	23053	32.4	9.395	712		44.8					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAR — 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
[illegible] / 71								.3										1	1		
[illegible] / 69						.3	.6		.3	.6	.9	.3						10	10		
[illegible] / 67							.9		.6	.3	1.2	.3						11	11		
[illegible] / 65					.3	.9		.6		.6	1.2	.3						13	13		
[illegible] / 63							1.2	2.3	.9	2.6	1.2							28	28		
[illegible] / 61				.9		.3	.6	1.8	1.2	1.8	.3							23	23		
[illegible] / 59					.6	1.8	1.8	2.0	1.5	1.8								32	32	1	
[illegible] / 57			.3	.6	1.2	2.3	2.0	3.2	1.2	1.2								41	41	5	
[illegible] / 55			.6	2.3	.9	2.0	1.8	1.8	.6	.3								35	35	8	
[illegible] / 53			.3	3.5	.3	2.9	2.0	1.2	2.0									42	42	4	
[illegible] / 51		.6	.9	1.2	1.8	2.0		2.6	.6									33	33	22	4
[illegible] / 49		.6	2.6	.6	.9	.9	.9	1.8	.3									29	29	40	8
[illegible] / 47		.9	2.0	.9	.6	1.2	.3	.6										22	22	54	11
[illegible] / 45		1.2	.9	.6	.3	.3												11	11	54	9
[illegible] / 43			.6			.3												3	3	63	27
[illegible] / 41		.3	.3		.3													3	3	32	20
[illegible] / 39		.6	.3															3	3	22	22
[illegible] / 37		.3																1	1	22	28
[illegible] / 35		.3																1	1	11	22
[illegible] / 33																				4	22
[illegible] / 31																					27
[illegible] / 29																					20
[illegible] / 27																					14
[illegible] / 25																					20
[illegible] / 23																					17
[illegible] / 21																					14
[illegible] / 19																					12
[illegible] / 17																					10
[illegible] / 15																					13
[illegible] / 13																					10
[illegible] / 11																					6
[illegible] / 9																					4
[illegible] / 5																					1
[illegible] / 3																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 3104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (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
TOTAL		4.7	8.8	10.5	7.0	15.2	12.0	18.1	9.1	9.1	4.7	.9						342	342	342	342

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.	812438	15128	44.2	20.497	342							
Dry Bulb	1083984	19122	55.9	6.595	342			6.0				93
Wet Bulb	703670	15426	45.1	4.861	342							93
Dew Point	382722	10874	31.8	10.414	342		46.0					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (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				
/ 89													.0	.0				2	2		
8/ 87												.0	.0	.1	.1	.0		13	13		
6/ 85												.0	.1	.1	.1	.2		26	26		
4/ 83												.1	.1	.1	.4	.2		37	37		
/ 81											.0	.1	.1	.2	.4	.1		45	45		
/ 79								.1		.0	.2	.3	.5	.3	.4			86	86		
7 / 77									.1	.2	.1	.4	.5	.8	.2			105	105		
8/ 75								.0	.2	.0	.3	.6	1.0	.4				127	127		
4/ 73						.0		.1	.2	.3	1.0	.9	.8	.3				169	169		
/ 71							.1	.2	.4	1.1	1.0	1.0	.8					222	222		
/ 69					.0	.0	.3	.4	.8	1.2	1.2	.9	.3					255	255		
6/ 67					.0	.0	.4	.7	1.7	1.6	.8	1.1	.1					309	309	1	
6/ 65					.1	.3	.5	1.3	1.3	1.0	1.1	.4						294	294	6	
4/ 63			.0		.1	.4	1.0	1.3	1.1	1.1	.6	.1						275	275	7	
2/ 61			.0	.2	.4	1.1	1.5	1.5	1.1	1.0	.8							363	363	27	
/ 59		.0	.1	.4	.9	1.2	1.8	1.2	.9	.6	.2							353	353	64	2
6/ 57			.2	.7	.6	1.6	1.1	.9	.7	.4								296	296	105	5
5 / 55			.4	.9	1.4	1.4	.9	.5	.5	.1								293	293	250	6
4/ 53	.0	.1	.4	1.4	1.2	1.6	.4	.7	.3									290	290	426	4
2/ 51	.	.2	1.0	1.0	1.1	.9	.4	.5	.2									259	259	636	59
0/ 49		.3	1.6	.9	.8	.6	.4	.4	.0									242	242	607	79
8/ 47		.7	1.2	1.1	.6	.4	.3	.2										226	227	646	122
6/ 45		.9	.9	1.0	.7	.5	.2	.0										203	203	605	192
4/ 43	.1	.5	.6	.4	.2	.3	.3											113	113	476	254
2/ 41		.7	.3	.2	.3	.3	.1											87	87	330	320
/ 39	.0	.3	.5	.1	.2	.1												61	61	243	447
8/ 37	.0	.4	.1	.1	.1													37	37	153	445
6/ 35		.1	.1	.1	.1													21	21	96	456
4/ 33		.0			.1													5	5	67	328
2/ 31				.0														1	1	50	430
/ 29				.0														1	1	14	262
6/ 27																				3	210
6/ 25																				3	206
4/ 23																				1	153

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAR (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
2/ 21																					183
/ 19																					180
/ 17																					160
1 / 15																					116
1 / 13																					63
1 / 11																					56
/ 9																					39
/ 7																					17
/ 5																					1
/ 3																					1
TOTAL	.1	4.4	7.5	8.4	9.1	10.8	9.7	10.1	9.4	8.6	7.3	6.0	4.2	2.2	1.6	.5		4816	4817	4816	4816

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	≤ 92 F	Total
Rel. Hum.	10293952	198392	41.2	20.990	4816							
Dry Bulb	17919618	289298	60.1	10.638	4817		.3	215.6	94.2	26.6		744
Wet Bulb	10929512	227616	47.3	5.970	4816		11.0	.2				744
Dew Point	5657550	158432	32.9	9.620	4816		324.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2[illegible]4 | WILLIAMS AFB AZ | 70,73-81 | APR
STATION | STATION NAME | YEARS | 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
6[illegible]/ 75											.4							1	1		
[illegible]4/ 73										.4								1	1		
[illegible]2/ 71								.4		.4								2	2		
6[illegible]/ 67								.4		.4								2	2		
[illegible]6/ 65							.8	.4	.4	.8	.4	.4						8	8		
[illegible]4/ 63							.4	.8	.4									4	4		
[illegible]2/ 61						.4	1.7	.8	.8	.4	.4							11	11		
[illegible] / 59				.4		.4	1.2	2.5	1.7									15	15		
[illegible]/ 57						1.2	1.2	4.1	.8	.4								19	19	2	
5[illegible]/ 55			.4			.8	6.2	1.7	.4									23	23	1	
[illegible]4/ 53				.8	1.2	5.0	4.5	2.1	.4									34	34	5	
[illegible]2/ 51		.4	.4	.8	.4	2.5	5.4	1.2	.4									28	28	5	
5[illegible] / 49			.4	1.7	2.1	3.3	1.2	.8										23	23	14	
[illegible]/ 47		.8	.4	.8	2.9	1.2	2.1	.4										21	21	13	3
[illegible]/ 45			.4	.8	2.1	.4												9	9	28	2
[illegible]/ 43		.8	.4	1.7	2.5	2.1												18	18	49	9
2/ 41		1.2	1.7	.8	.4		.4											11	11	34	4
[illegible]/ 39		.4	1.2	.4	1.2													8	8	39	11
3[illegible]/ 37			.4	.4		.4												3	3	21	15
3[illegible]/ 35		.4																1	1	20	15
3[illegible]/ 33																				5	16
2/ 31																				5	28
[illegible]/ 29																					32
2[illegible]/ 27																				1	28
2[illegible]/ 25																					20
24/ 23																					12
[illegible]2/ 21																					16
[illegible]/ 19																					11
[illegible]/ 17																					8
1[illegible]/ 15																					4
1[illegible]/ 13																					4
1[illegible]/ 11																					2
1[illegible]/ 9																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 [illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
APR — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		4.1	5.8	8.7	12.8	17.8	25.2	15.7	5.4	2.9	1.2	.4						242	242	242	242

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.	530763	10639	44.0	16.174	242							
Dry Bulb	674465	12657	52.3	7.197	242			2.2	.7			90
Wet Bulb	437151	10215	42.2	4.976	242		2.2					90
Dew Point	223246	7118	29.4	7.590	242		62.1					90

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION | WILLIAMS AFB AZ — STATION NAME | 70,73-81 — YEARS | APR — 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
/ 79											.1				.1			2	2		
7 / 77											.1		.1					2	2		
6/ 75									.1	.3	.4		.1					7	7		
4/ 73						.1		.1	.4	.3	.1	.5						12	12		
2/ 71								.3	.6	.4	.9	.1						18	18		
/ 69								.1		1.0	.5							13	13		
/ 67					.1		.1	.6	.6	1.0	.1							21	21		
6/ 65					.1		.3	.1	2.7	2.2	.4							45	45		
4/ 63					.1	.3	.8	1.2	2.0	.5	.4							41	41	1	
2/ 61						.5	1.0	1.7	2.8	.3	.1							50	50		
/ 59				.3	.3	1.2	1.3	2.6	2.2	.4								63	63	5	1
8/ 57			.1		.4	.9	2.3	3.7	1.3									68	68	11	
5/ 55			.4	.4	.9	2.2	3.2	2.3	.5									77	77	13	
4/ 53				.6	1.0	2.0	2.4	.8	.3									56	56	24	2
2/ 51		.4	.4	.5	1.4	3.1	2.3	1.4	.1									75	75	48	
0/ 49		.3	.9	1.2	1.8	2.3	2.4	.4										72	72	72	3
8/ 47		.5	1.2	.6	1.4	1.8	.8											49	49	80	12
6/ 45		.5	.9	.8	1.9	1.0	.1											41	41	116	14
4/ 43		.3	.8	.6	.8	.5												23	23	124	30
2/ 41		.4	.6	.6	.6	.1	.1											20	20	90	27
/ 39			.9	.5	.3	.1												14	14	86	47
3/ 37		.4	.1	.1	.1	.1												7	7	58	40
0/ 35		.3	.3	.1														5	5	29	59
4/ 33																				17	61
2/ 31																				4	100
/ 29																				2	83
8/ 27																				1	78
6/ 25																					66
4/ 23																					40
2/ 21																					33
/ 19																					26
8/ 17																					17
6/ 15																					9
4/ 13																					6

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 11																					4
/ 9																					3
TOTAL		2.9	6.5	6.4	11.3	16.3	17.2	15.2	13.7	6.3	3.2	.6	.3		.1			781	781	781	781

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.	1595586	32919	42.1	16.349	781							
Dry Bulb	2460392	43336	55.5	8.456	781			8.6	2.7	.1		90
Wet Bulb	1559446	34634	44.3	5.498	781		.8					90
Dew Point	799506	24268	31.1	7.589	781		53.6					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 89																	.7	6	6		
8/ 87														.1	.2	.4		7	7		
6/ 85												.1	.2	.1	.4	.1		9	9		
4/ 83												.3	.7	.7	1.0	.1		25	25		
/ 81											.3	.4	.8	1.8	.9			38	38		
/ 79										.3	.2	1.3	1.7	1.0	.6			46	46		
7 / 77								.1		.2	.7	1.1	3.0	1.0	.2			57	57		
6/ 75								.1	.1	.2	1.2	2.6	2.2	1.8				74	74		
4/ 73								.1	.1	.6	2.3	3.3	2.0	.4				80	80		
2/ 71						.1	.2		1.0	1.0	3.3	2.2	1.0					80	80		
/ 69					.1			.4	.8	2.4	2.6	2.2	.1					78	78		
/ 67						.1	.3	.4	1.2	2.6	1.9	.6						64	64		
6/ 65							.2	1.2	1.9	2.6	1.1	.2						65	65		
4/ 63					.1	.4	.6	1.0	2.0	1.6	.4							55	55	2	
2/ 61					.1	.3	.7	1.2	1.7	1.3	.2							50	50	20	
/ 59					.1	.6	.8	1.4	1.1	.4								40	40	26	
8/ 57				.2	.7	.4	.7	1.4	.6	.1								37	37	48	
5/ 55				.3	.8	.3	1.1	.7	.1	.1								31	31	106	3
4/ 53			.1	.9	.8	.3	.7	.2										27	27	125	1
2/ 51			.2	.2		.6	.3											12	12	150	3
5 / 49		.1	.4	.1	.3	.1												10	10	151	7
/ 47			.1	.2	.3													6	6	112	14
46/ 45			.1	.1														2	2	73	18
4/ 43				.1														1	1	51	33
2/ 41																				27	42
/ 39																				9	56
36/ 37																					59
6/ 35																					69
34/ 33																					90
2/ 31																					141
/ 29																					79
6/ 27																					82
6/ 25																					57
4/ 23																					44

Element (X)	$\Sigma_{X'}$	Σ_{X}	$\bar{X}$	σ_{X}	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 (STATION) WILLIAMS AFB AZ (STATION NAME) 70,73-81 (YEARS) APR (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
2/ 21 / 19																					34 38
1 / 17 1 / 15																					12 9
1 / 13 1 / 11																					4 5
TOTAL		.1	1.0	2.2	3.3	3.3	5.6	8.4	10.6	13.4	14.3	14.4	11.7	6.9	3.3	.7	.7	900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	841187	24813	27.6	13.224	900							
Dry Bulb	4360963	62139	69.0	8.867	900			56.4	34.2	10.2		90
Wet Bulb	2347072	45766	50.9	4.671	900							90
Dew Point	963945	28653	31.8	7.588	900		50.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 | WILLIAMS AFB AZ | 70,73-81 | APR

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.3	3	3		
94/ 93																.2	.2	4	4		
92/ 91														.1		.2	1.6	17	17		
90/ 89													.1	.1	.6	.4	1.1	21	21		
88/ 87													.1	1.6	1.0	2.1	1.0	52	52		
86/ 85												.1	.6	1.6	1.7	3.0		62	62		
84/ 83												.6	.6	2.0	4.1	1.9		82	82		
82/ 81												.3	1.1	3.7	4.4			86	86		
80/ 79										.1	.1	1.2	3.0	3.0	2.0			85	85		
78/ 77								.1	.1	.1	.7	1.4	2.4	2.9	.6			75	75		
76/ 75								.1	.1	.2	.7	1.3	3.4	1.6				67	67		
74/ 73									.1	.4	.9	2.0	1.6	1.0				54	54		
72/ 71								.2	.8	.6	1.4	2.3	.4					52	52		
70/ 69								.3	.2	.9	1.9	1.8	.1					47	47		
68/ 67							.2	.2	.9	1.3	1.2	.7	.1					42	42		
66/ 65						.2	.3	.2	.6	1.0	1.4	.1						35	35	2	
64/ 63							.2	.3	.6	1.1	.4	.1						25	25	7	
62/ 61					.1	.2	.3	.2	1.3	.7	.2							28	28	42	
60/ 59					.2	.3	.2	.7	.7	.3								22	22	62	
58/ 57				.1	.2	1.0	.2	.2		.1								17	17	125	
56/ 55					.7	.1	.2		.1									10	10	163	
54/ 53			.1	.1	.2	.3	.1											8	8	136	2
52/ 51			.1			.1												2	2	132	1
50/ 49					.2													2	2	90	3
48/ 47		.1																1	1	67	7
46/ 45				.1														1	1	48	21
44/ 43																				15	36
42/ 41																				9	39
40/ 39																				2	35
38/ 37																					60
36/ 35																					68
34/ 33																					72
32/ 31																					121
30/ 29																					93

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

23104 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | APR 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
[illegible] / 27																					72
[illegible] / 25																					87
[illegible] / 23																					73
2/ 21																					53
[illegible] / 19																					33
[illegible] / 17																					13
[illegible] / 15																					9
[illegible] / 13																					5
1 / 11																					1
/ 9																					2
TOTAL		.1	.2	.3	1.7	2.3	1.9	2.7	5.4	6.9	9.0	12.0	13.6	17.4	14.3	7.9	4.2	900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	489630	18712	20.8	10.578	900							
Dry Bulb	5272620	68392	76.0	9.160	900			74.9	60.8	36.7	.7	90
Wet Bulb	2586827	48073	53.4	4.601	900							90
Dew Point	900035	27685	30.8	7.338	900		56.2					90

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]04 | WILLIAMS AFB AZ | 70,73-81 | APR

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 95																	.7	6	6		
[illegible]/ 93															.1	.1	1.0	10	10		
[illegible]/ 91														.2	.1	.5	1.7	21	21		
[illegible]/ 89															1.3	1.7	4.1	59	59		
9[illegible]/ 87														.8	1.9	4.6	1.4	73	73		
6[illegible]/ 85												.1	.6	1.7	1.9	5.7		83	83		
[illegible]/ 83												.1	.5	1.1	4.9	3.4		83	83		
[illegible]/ 81												.4	1.0	3.1	5.3			81	81		
[illegible]/ 79										.1	.1	.2	1.3	2.8	3.9			70	70		
7[illegible]/ 77									.1		.4	.8	1.9	2.3	.5			50	50		
[illegible]6/ 75											.4	1.7	1.3	1.3				39	40		
[illegible]/ 73										.1	.5	1.6	2.0	.4				38	38		
[illegible]/ 71								.1	.1	.5	1.6	1.4	1.3					42	42		
[illegible]/ 69								.1	.2	.4	.7	1.4	.5					28	28		
[illegible]/ 67							.1		.4	1.2	1.0	1.0	.1					31	31		
6[illegible]/ 65							.1		.8	1.3	.8	.1						27	27	6	
[illegible]/ 63								1.0	.5	.8	1.0							27	27	4	
[illegible]/ 61					.1	.1	.2	.1	.4	.4	.4							14	14	43	
[illegible]/ 59					.1	.7	.4	.4	.5	.1								18	18	73	
[illegible]/ 57				.1	.1	.6	.1	.4										11	11	132	
5[illegible]/ 55				.1	.4	.1	.4	.1										9	9	158	
[illegible]/ 53			.1	.4														4	4	126	
[illegible]/ 51				.1														1	1	96	1
[illegible]/ 49			.1															1	1	84	4
[illegible]/ 47		.1																1	1	46	5
[illegible]/ 45				.2														2	2	46	13
[illegible]/ 43			.1															1	1	11	14
[illegible]/ 41																				2	35
[illegible]/ 39																				3	24
[illegible]/ 37																					47
[illegible]/ 35																					49
3[illegible]/ 33																					62
[illegible]/ 31																					109
[illegible]/ 29																					83

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 194 | WILLIAMS AFB AZ | 70,73-81 | APR
STATION | STATION NAME | YEARS | 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
/ 27																					76
/ 25																					122
/ 23																					59
2/ 21																					55
/ 19																					35
/-/ 17																					22
/ 15																					6
/-/ 13																					9
TOTAL		.1	.4	1.0	.7	1.6	1.3	2.2	3.0	4.9	6.7	8.9	10.6	13.7	20.0	15.9	8.9	830	831	630	83

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.	376834	15356	18.5	10.576	830							
Dry Bulb	5169284	65060	78.3	9.547	831			77.4	66.5	50.0	1.7	9
Wet Bulb	2435531	44799	54.0	4.597	830							9
Dew Point	769090	24586	29.6	7.016	830		62.5					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 STATION | ~ILLIAMS AFB AZ STATION NAME | 70,73-81 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
4/ 93																	.1	1	1		
2/ 91														.1	.1	.3	.3	6	6		
/ 89														.1	.3	.4	.8	12	12		
8/ 87														.3	1.0	2.4	.3	28	28		
6/ 85													.6	1.1	1.3	2.5		39	39		
4/ 83											.1		.8	1.6	3.4	.7		47	47		
/ 91										.1		.4	1.0	2.8	4.0	.1		60	60		
/ 79										.1	.1	.6	2.1	3.8	1.8			61	61		
7 / 77											.1	1.0	3.4	3.7	.6			62	62		
6/ 75										.3	.6	2.8	2.5	2.4				61	61		
4/ 73									.3	.1	1.1	1.3	2.7	.4				42	42		
/ 71									.4	.4	2.7	3.0	.6					50	50		
/ 69							.1		.3	.6	2.5	2.1	.3					42	42		
/ 67							.1	.1	.1	1.7	2.4	.7	.1					38	38		
6/ 65								.1	.4	1.6	.8	.7						26	26	1	
4/ 63							1.0		.7	1.0	1.6							30	30	6	
2/ 61						.3	.7	.8	.4	1.6	.3							29	29	15	
/ 59					.4	.8	.1	1.0	.3	.3								21	21	37	
/ 57					.3	.4	.4	.8	.4									17	17	71	
5 / 55					.4	.3	.7	.1	.1									12	12	97	
4/ 53				.1		.3	.1											4	4	116	
2/ 51			.3		.1	.1												4	4	119	2
/ 49		.3		.1	.1													4	4	90	2
/ 47		.4	.6															7	7	59	5
4 / 45				.4														3	3	50	10
4/ 43																				33	19
2/ 41																				8	28
/ 39																				4	33
6/ 37																					27
/ 35																					41
4/ 33																					45
2/ 31																					114
/ 29																					66
6/ 27																					72

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 70,73-81 | APR
STATION | STATION NAME | YEARS | 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
/ 25																					69
-/ 23																					55
2/ 21																					47
/ 19																					43
/ 17																					11
1 / 15																					10
/ 13																					4
1 / 11																					3
TOTAL		.7	.8	.7	1.4	2.3	3.4	3.1	3.5	7.8	12.5	12.6	14.2	16.4	12.5	6.5	1.6	706	706	706	706

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.	448502	15408	21.8	12.617	706							
Dry Bulb	3909144	52098	73.8	9.577	706			70.0	53.4	28.7	.1	9
Wet Bulb	1936947	36831	52.2	4.693	706							9
Dew Point	662012	21006	29.8	7.245	706		63.0					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 134 | WILLIAMS AFB AZ | 70,73-81 | APR

STATION | STATION NAME | YEARS | 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
4/ 83												.3	.3		.3			3	3		
./ 81												.6	.3	.3				4	4		
/ 79										.3		1.4	.9					9	9		
7./ 77											.6	1.4	.6	.3				10	10		
6/ 75										.3		1.2	1.2	.3				10	10		
4/ 73										.6	1.7	2.0	2.3	.3				24	24		
2/ 71										.3	3.5	1.4	.6					20	20		
/ 69								.6		1.4	4.0	1.4	.9					29	29		
7/ 67						.3		.6	1.2	3.8	2.0	.9						30	30		
6/ 65							.6	.3	2.3	4.6	3.2	.3						39	39		
4/ 63					.3			1.7	3.8	3.2	1.7							37	37		
2/ 61						.3	.9	1.7	1.7	.9								19	19	2	
/ 59						1.2	1.2	1.2	1.7	2.6								27	27	5	
5./ 57				.6	1.4	.3	.9	1.7	1.7	.3								24	24	9	
5./ 55				.3	.3	1.2	.3	1.7	.6	.3								16	16	19	
4/ 53				.3	.9	2.0	1.2	.9										18	18	20	
3/ 51			.3	.3	.6	.9	.3											8	8	48	
5./ 49			.6	.9	.6	.3	.3											9	9	67	3
5./ 47		.6	.6															4	4	48	2
4./ 45			.3	.3														2	2	50	5
4/ 43		.6	.3															3	3	43	14
2/ 41			.3															1	1	24	12
./ 39																				11	20
3./ 37																					17
6/ 35																					35
34/ 33																					28
2/ 31																					56
./ 29																					24
28/ 27																					20
6/ 25																					25
24/ 23																					21
2/ 21																					19
./ 19																					16
18/ 17																					11

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | APR (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
15 / 15																					9
13 / 13																					6
11 / 11																					3
TOTAL		1.2	2.3	2.6	4.0	6.4	5.5	10.4	13.0	18.5	16.8	11.0	6.9	1.2	.3				346		346
																		346		346	

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.	406427	10605	30.7	15.359	346							
Dry Bulb	1457048	22270	64.4	8.281	346			36.2	15.6	2.6		90
Wet Bulb	814059	16709	48.3	4.551	346							9
Dew Point	340052	10488	30.3	8.011	346		54.6					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 70,73-81 | APR
STATION | STATION NAME | YEARS | 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
[illegible] 95																	.2	9	9		
[illegible] 93															.0	.1	.2	15	15		
[illegible] 91														.1	.0	.2	.6	44	44		
[illegible] 89													.0	.0	.4	.4	1.2	98	98		
8[illegible] 87													.0	.5	.7	1.7	.5	160	160		
6[illegible] 85												.1	.3	.8	.9	2.0		193	193		
[illegible] 83											.0	.2	.5	.9	2.4	1.1		240	240		
[illegible] 81										.0	.1	.3	.7	2.0	2.6	.0		269	269		
[illegible] 79										.1	.1	.7	1.5	1.8	1.5			273	273		
7[illegible] 77								.0	.0	.1	.4	.9	2.0	1.7	.3			256	256		
[illegible]6[illegible] 75								.0	.1	.2	.6	1.6	1.8	1.3				259	260		
[illegible]4[illegible] 73						.0		.0	.1	.3	1.0	1.7	1.6	.4				251	251		
[illegible]2[illegible] 71						.0	.0	.1	.5	.6	2.0	1.7	.6					264	264		
[illegible] 69					.0		.0	.2	.3	1.1	1.7	1.4	.2					237	237		
6[illegible] 67					.0	.0	.2	.3	.7	1.7	1.3	.6	.1					228	228		
6[illegible] 65					.0	.0	.3	.4	1.3	1.9	1.1	.2						245	245	9	
[illegible]4[illegible] 63					.1	.1	.4	.8	1.3	1.1	.8	.0						219	219	20	
[illegible]2[illegible] 61					.1	.3	.7	.9	1.3	.8	.2							201	201	122	
[illegible] 59				.1	.2	.7	.6	1.3	1.0	.5								206	206	208	1
[illegible]2[illegible] 57			.0	.1	.4	.7	.8	1.5	.6	.1								193	193	398	
5[illegible] 55			.1	.2	.6	.6	1.3	.8	.2	.0								178	178	557	3
[illegible]4[illegible] 53			.1	.4	.5	.9	.9	.3	.1									151	151	552	5
[illegible]2[illegible] 51	.1	.2	.2	.3	.9	.7	.3	.0										130	130	598	7
5[illegible] 49	.1	.3	.4	.6	.6	.5	.1											121	121	568	22
[illegible] 47	.3	.4	.2	.4	.4	.2	.0											89	89	425	48
[illegible] 45	.1	.2	.3	.4	.2	.0												60	60	411	83
[illegible]4[illegible] 43	.1	.2	.2	.3	.2													46	46	326	149
[illegible]2[illegible] 41	.1	.2	.1	.1	.0	.0												32	32	194	187
[illegible] 39	.0	.2	.1	.1	.0													22	22	154	226
3[illegible] 37	.1	.0	.0	.0	.0													10	10	79	265
[illegible]6[illegible] 35	.1	.0	.0															6	6	49	336
34[illegible] 33																				22	394
[illegible]2[illegible] 31																				9	669
3[illegible] 29																				2	460

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 27																				2	428
[illegible] / 25																					446
[illegible] / 23																					305
2 / 21																					257
[illegible] / 19																					202
[illegible] / 17																					94
1 [illegible] / 15																					56
[illegible] / 13																					38
1 [illegible] / 11																					18
[illegible] / 9																					6
TOTAL		1.0	2.0	2.5	4.1	5.8	6.7	7.1	7.6	8.5	9.4	9.5	9.4	9.6	8.8	5.4	2.7	4705	4706	4705	4705

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.	4688929	128445	27.3	15.854	4705							
Dry Bulb	23303916	325952	69.3	12.435	4706			427.9	316.4	178.5	3.7	720
Wet Bulb	12117029	237029	50.4	6.116	4705		2.0					720
Dew Point	4657386	143804	30.6	7.465	4705		455.9					720

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAY (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/ 73									.8			.8						4	4		
7/ 71					.4	.8		.4		.8		.8	.8					10	10		
/ 69					.4	.4		.8		.8	.8	.4						9	9		
5 / 67		.4			.4			.4	1.2	1.7	1.2	.4						14	14		
6/ 65			.4	.4			2.1	2.1	2.9	3.7	1.2							31	31	1	1
4/ 63						.4	1.7	2.5	5.4	4.1	.8							36	36	2	
7/ 61				.4	.4	1.2	2.1	4.1	2.5	2.1								31	31	3	
/ 59		.4				.4	1.2	3.7	4.6	2.5								31	31	4	2
/ 57					.4	2.1	.4	3.3	1.7	.8								21	21	3	2
5 / 55		.4	.4	.8		.8	1.2	1.7	2.1									18	18	5	4
4/ 53		1.2	.8	.8	.4	1.7	1.7	.4										17	17	11	1
2/ 51			.4	.8		.4	.4	.8										7	7	31	3
5 / 49			.4		.4		.4	.4										4	4	35	4
/ 47						.8	.8											4	4	45	6
/ 45			.4															1	1	42	3
4/ 43						.8												2	2	28	11
2/ 41						.4												1	1	15	8
/ 39																				6	11
/ 37																				6	15
6/ 35																				1	19
4/ 33																				2	17
2/ 31																				1	19
/ 29																					28
/ 27																					18
6/ 25																					22
4/ 23																					9
2/ 21																					13
/ 19																					17
7/ 17																					5
6/ 15																					4
4/ 11																					3
TOTAL		2.5	2.9	3.3	2.9	10.4	12.0	20.7	21.2	16.6	4.1	2.5	.8						241		241
																		241		241	

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	382993	8771	36.4	16.302	241							
Dry Bulb	905303	14699	61.0	6.050	241			14.3	1.5			93
Wet Bulb	552795	11473	47.6	5.249	241		.4					93
Dew Point	272962	7748	32.1	9.973	241		53.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1?4 | ILLIAMS AFB AZ | 70,73-81 | MAY

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 87															.1			1	1		
6/ 85														.1	.1			2	2		
4/ 83											.1			.1				2	2		
/ 81										.1	.1		.5	.6				11	11		
/ 79								.3		.1	.4	1.0	1.1	.3	.5			29	29		
7 / 77								.1	.1	.4	.4	1.5	1.4					31	31		
0/ 75							.1	.4	.1	.9	1.0	1.5	1.3	.4				45	45		
4/ 73						.4	.1	.3	.5	.6	2.7	2.0	.6					57	57		
/ 71				.3		.5	.1	.5	1.0	2.3	2.8	1.4	.1					71	71		
/ 69			.1	.4	.8	.1		.6	1.0	3.1	3.4	1.0						83	83		
/ 67		.1			.3	.3	.5	1.4	1.8	2.4	1.3	.3						65	65		
6/ 65				.4		.1	.5	1.9	1.7	3.4	.5							67	67	7	1
4/ 63			.4		.1	.4	1.3	1.4	3.6	1.9	.5							75	75	14	2
/ 61			.3		.5	.8	.6	1.5	2.6	1.0								57	57	18	3
/ 59		.1	.1	.8	.3	.6	1.4	1.3	2.0	.6	.1							58	58	21	3
/ 57			.4	.4	.3	.6	.3	2.2	1.0	.3								42	42	46	10
5 / 55		.3	.9	.3	.6	.4	1.4	.9	.8									43	43	66	17
4/ 53		.1	.3	.1	.3	.1	.4	.6										15	15	112	5
2/ 51			.1	.5	.1	.3	.4	.4										14	14	132	10
/ 49				.1			.3	.1										4	4	10	19
/ 47			.3			.1	.4	.1										7	7	98	22
/ 45			.1															1	1	62	22
4/ 43							.3											2	2	53	30
2/ 41																				25	36
/ 39					.1													1	1	11	55
/ 37																				7	59
/ 35																				3	73
3 4/ 33																				2	44
/ 31																				1	79
/ 29																					81
/ 27																					67
/ 25																					35
4/ 23																					34
2/ 21																					32

Element (X)	Σ_{Σ}	Σ_{Σ}	$\bar{X}$	σ_{Σ}	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 70,73-81 | MAY

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 19																					26
/ 17																					8
/ 15																					3
/ 13																					3
1 / 11																					3
/ 0																					1
TOTAL		.6	2.9	3.2	3.3	4.7	8.0	14.0	16.2	17.2	13.4	8.8	5.1	1.5	.8			783	783	783	783

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.	1052519	26033	33.2	15.463	783							
Dry Bulb	3498360	51984	66.4	7.736	783			47.2	21.1	3.3		93
Wet Bulb	2039449	39727	50.7	5.520	783		.1					93
Dew Point	1000545	26965	34.4	9.590	783		44.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1[illegible]4 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 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
[illegible]/ 99																	.1	1	1		
9/ 97																	.2	2	2		
[illegible]/ 95																	.4	4	4		
4/ 93																.3	.8	10	10		
[illegible]/ 91															.1	1.0	1.0	19	19		
[illegible]/ 89												.3	.1	.1	.8	1.2	.4	27	27		
8/ 87											.1	.2	.4	.7	2.2	2.8	.7	64	64		
6/ 85											.2	.4	.6	2.3	3.0	2.4		81	81		
4/ 83									.1	.3	.1	.8	2.5	3.6	2.8	.9		101	101		
[illegible]/ 81									.6	.2	.2	1.3	2.3	3.6	2.3			96	96		
[illegible]/ 79							.1	.3	.4	.7	.7	2.2	3.4	3.7	.7			111	111		
7[illegible]/ 77							.2	.1	.1	.1	2.1	2.2	2.6	2.4	.2			92	92		
6/ 75					.1		.2	.4		.9	1.2	2.5	2.6	.3				76	76		
[illegible]4/ 73				.1		.1	.2	.2	.4	1.0	1.5	2.2	.6	.2				60	60		
[illegible]/ 71						.1		.2	.8	1.0	1.3	.7	.3					40	40		
[illegible]/ 69					.1		.8	.2	.6	.4	.8	.4						30	30		
[illegible]/ 67					.1	.4	.1	.4	.4	.1	.8	.6						27	27	12	
6/ 65					.3	.1	.3	.6	.1	.4	.3	.1						21	21	17	1
4/ 63				.2	.3	.1	.3	.1	.3	.4	.4							21	21	37	1
[illegible]2/ 61					.2	.3		.2		.3								10	10	73	1
[illegible]/ 59				.4	.1	.1	.2	.3		.2								13	13	110	2
[illegible]/ 57			.1															1	1	203	12
5[illegible]/ 55																				178	14
4/ 53																				137	15
[illegible]2/ 51																				70	15
[illegible]/ 49																				30	20
[illegible]/ 47																				20	18
4[illegible]/ 45																				12	34
[illegible]4/ 43																				7	42
[illegible]2/ 41																				1	58
[illegible]/ 39																					76
[illegible]/ 37																					85
[illegible]/ 35																					87
34/ 33																					79

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2104 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 YEARS | MAY 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
[illegible] / 31																					91
/ 29																					75
/ 27																					61
/ 25																					56
/ 23																					20
/ 21																					16
/ 19																					16
/ 17																					5
/ 15																					1
/ 13																					4
TOTAL			.1	.8	1.3	1.3	2.5	3.2	3.9	6.2	9.8	14.0	15.5	17.1	12.0	8.6	3.6	907	907	907	907

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.	596602	20804	22.9	11.481	907							
Dry Bulb	5701624	71600	78.9	7.385	907			86.2	76.3	48.2	1.7	93
Wet Bulb	2896568	51111	56.4	4.266	907			1.2				93
Dew Point	1223241	32377	35.7	8.631	907		35.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 STATION | WILLIAMS AFB AZ STATION NAME | 70,73-81 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
[illegible]/105																	.2	2	2		
[illegible]/103																	.2	2	2		
2/101																	.7	6	6		
[illegible]/ 99																	1.8	16	16		
[illegible]/ 97																.1	2.4	23	23		
[illegible]/ 95															.1	.3	3.5	36	36		
4/ 93														.2	.1	.4	5.1	53	53		
[illegible]/ 91													.1	.6	.6	1.8	5.6	78	78		
[illegible]/ 89												.1	.2	.9	1.8	3.5	4.6	101	101		
[illegible]/ 87											.3	.4	.7	2.4	3.0	4.7	1.7	120	120		
6/ 85									.1	.1	.6	.4	1.0	2.5	2.9	4.4	.1	110	110		
[illegible]/ 83										.3	.8	.3	1.5	2.0	3.7	1.2		90	90		
[illegible]/ 81									.1	.1		.3	1.7	2.0	1.9	.4		59	59		
[illegible]/ 79									.1		.3	1.3	1.7	1.4	.6			49	49		
7 / 77							.1		.2	.2	.7	.8	1.3	.4				34	34		
[illegible]/ 75							.1	.1		.7	.6	.9	.6	.6				31	31		
[illegible]/ 73					.1			.6	.2	.7	.4	.3	.6	.3				29	29		
[illegible]/ 71								.1	.2	.6	.3	.3	.4					18	18		
[illegible]/ 69							.3	.6	.6	.2	.4		.2					21	21	2	
[illegible]/ 67						.2	.2	.3		.4	.2	.3	.1					17	17	14	
[illegible]/ 65						.1	.2			.2	.3							8	8	49	
4/ 63					.1				.1	.1								3	3	78	
[illegible]/ 61					.1													1	1	139	1
[illegible]/ 59																				191	1
[illegible]/ 57																				187	4
5[illegible]/ 55																				131	7
4/ 53																				61	14
[illegible]/ 51																				17	15
[illegible]/ 49																				24	23
[illegible]/ 47																				6	21
[illegible]/ 45																				9	35
[illegible]/ 43																					41
[illegible]/ 41																					48
[illegible]/ 39																					81

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — 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 Poi
7 / 37																					84
/ 35																					96
3 / 33																					81
/ 31																					106
/ 29																					68
/ 27																					69
/ 25																					39
/ 23																					10
2 / 21																					17
/ 19																					7
/ 17																					3
/ 15																					7
1 / 11																					3
TOTAL					.3	.3	1.0	1.7	1.7	3.6	5.0	5.6	10.0	13.3	14.6	17.0	25.9		907		907
																		907		907	

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.	366321	16447	18.1	8.669	907			91.8	86.0	74.9	14.1	93
Dry Bulb	6651158	77360	85.3	7.645	907			1.6				93
Wet Bulb	3127706	53136	58.6	4.037	907							93
Dew Point	1194631	32111	35.4	7.986	907		36.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 70,73-81 (YEARS) | MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] /107																	.1	1	1		
[illegible] /105																	.2	2	2		
[illegible] /103																	1.0	8	8		
2/101																	1.7	14	14		
[illegible] 0/ 99																	2.5	21	21		
[illegible] / 97																.2	4.3	38	38		
[illegible] / 95																.1	5.0	43	43		
[illegible] / 93														.4	.4	1.1	9.5	94	94		
/ 91													.2	.2	1.2	1.2	7.1	83	83		
/ 89													.7	1.1	2.3	4.2	7.7	133	133		
8/ 87											.1	.4	.5	1.2	1.8	4.8	2.8	96	96		
6/ 85											.2	.4	.1	1.3	2.2	5.3		79	79		
[illegible] 4/ 83										.1	.1	.2	.6	1.1	2.3	.5		41	41		
/ 81										.6	.2	.8	1.7	.5	1.3	.5		47	47		
/ 79									.1	.1	.2	.5	.8	.8	.4			25	25		
7 / 77									.1		.5	1.0	.6	1.0	.5			30	30		
8/ 75								.1	.1	.1		.6	.6	.6				18	18		
4/ 73									.6	.4	.7	.5		.2				20	20		
2/ 71						.1		.4	.6	.4	.4		.2					17	17		
/ 69								.1	.1	.2	.1	.2	.2					9	9		
[illegible] / 67											.4	.1						4	4	20	
6/ 65						.2						.1						3	3	49	
4/ 63					.1	.1												2	2	84	
2/ 61				.2														2	2	144	
[illegible] / 59			.1	.1	.1													3	3	189	
[illegible] / 57			.1															1	1	171	
5[illegible] / 55																				89	4
4/ 53																				46	15
2/ 51																				26	13
5 / 49																				6	14
[illegible] / 47																				6	14
[illegible] / 45																				4	41
[illegible] 4/ 43																					23
[illegible] 2/ 41																					42

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFGWC/WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 70,73-81 | MAY

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 39																					59
[illegible] / 37																					62
[illegible] / 35																					86
3[illegible] / 33																					91
[illegible]/ 31																					131
[illegible] / 29																					84
[illegible] / 27																					73
[illegible] / 25																					39
[illegible]/ 23																					7
2[illegible] / 21																					16
[illegible] / 19																					7
[illegible] / 17																					6
[illegible] / 15																					4
[illegible] / 13																					3
TOTAL			.2	.4	.2	.5		.6	1.7	1.9	3.0	4.8	6.4	8.4	12.2	17.9	41.8	834	834	834	834

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.	284763	13601	16.3	8.694	834							
Dry Bulb	6460362	73114	87.7	7.802	834			91.8	88.4	79.5	24.6	93
Wet Bulb	2932138	49346	59.2	3.865	834			2.2				93
Dew Point	1046157	28861	34.6	7.544	834		41.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 | WILLIAMS AFB AZ | 70,73-81 | MAY

STATION | STATION NAME | YEARS | 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
1[illegible]/103																	.1	1	1		
2/101																	.3	2	2		
[illegible]/ 99																	.8	6	6		
3/ 97																	1.7	12	12		
[illegible]/ 95																.3	3.4	26	26		
4/ 93														.1		.4	4.1	33	33		
[illegible]/ 91													.1	.1	.7	1.0	4.6	47	47		
[illegible]/ 89												.1		1.0	1.0	2.8	5.2	72	72		
[illegible]8/ 87											.1		.6	.7	3.4	5.7	2.2	91	91		
6/ 85										.1	.1		1.0	1.5	3.4	4.5	.1	77	77		
4/ 83											.6	.1	1.1	2.8	4.2	1.1		71	71		
[illegible]/ 81									.3	.3	.1	1.0	2.4	3.6	2.7	.1		75	75		
[illegible]/ 79									.6		.4	1.3	1.7	2.1	1.1			51	51		
7[illegible]/ 77									.4	.1	.7	.3	1.1	1.1	.3			29	29		
[illegible]/ 75						.1		.1		.4	.4	1.0	.8	1.4				31	31		
4/ 73							.1		.3	.7	.3	1.0	.7	.1				23	23		
[illegible]/ 71						.1		.1	.6	.6	1.1	.1		.1				20	20		
[illegible]/ 69				.3			.1	.4	.3	.3	.4	.1	.1					15	15		
[illegible]/ 67			.1		.3		.1	.3	.1		.4	.3	.1					13	13	8	
[illegible]/ 65					.4	.1	.1	.1	.1		.1							8	8	18	
4/ 63				.1			.1	.1										3	3	48	
[illegible]/ 61				.1							.1							2	2	77	3
[illegible]/ 59				.1	.1													2	2	137	1
[illegible]/ 57			.3	.1														3	3	175	1
5[illegible]/ 55			.3	.1														3	3	123	8
[illegible]4/ 53																				67	13
[illegible]/ 51																				34	8
5[illegible]/ 49																				20	9
[illegible]/ 47																				4	11
[illegible]/ 45																				4	33
[illegible]4/ 43																				1	21
[illegible]2/ 41																					44
[illegible]/ 39																					37
3[illegible]/ 37																					38

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAY — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 35																					7
3 / 33																					6
[illegible] / 31																					101
[illegible] / 29																					8
[illegible] / 27																					73
[illegible] / 25																					33
[illegible] / 23																					18
2 / 21																					12
[illegible] / 19																					1
[illegible] / 17																					6
[illegible] / 15																					1
[illegible] / 13																					5
TOTAL			.7	1.0	.8	.4	.7	1.3	2.7	2.5	5.0	5.3	9.8	14.8	16.6	15.9	22.5	716	716	716	716

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.	345840	13460	18.8	11.393	716							
Dry Bulb	5064021	59949	83.7	7.901	716			90.3	84.0	69.9	10.4	93
Wet Bulb	2390458	41280	57.7	3.835	716			1.0				93
Dew Point	887972	24542	34.3	8.087	716		44.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2[illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAY — 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
/ 91																.3		1	1		
/ 89															.3	.3		2	2		
8/ 87													.3		1.3	.8		9	9		
6/ 85												.3		.5	1.8	1.0		14	14		
4/ 83									.3				.8	.8	2.3	.3		17	17		
/ 81											.5	.3	2.3	5.2	1.6			38	38		
/ 79										.3	.8	2.8	3.6	3.9	.8			47	47		
7 / 77							.3	.3		1.6	1.0	3.9	3.1	1.6	.3			46	46		
6/ 75									.3		2.1	5.4	5.7	1.8				59	59		
4/ 73						.3			.5	.5	2.1	3.4	1.0	.3				31	31		
2/ 71						.5			1.6	1.0	4.4	1.0	1.0					37	37		
/ 69				.3				.8	1.3	1.0	.8	1.6						22	22		
0/ 67					.3	.5		.8	.5	2.3	.8	.3						21	21	1	
6/ 65				.3			1.0	1.0	.3	1.6		.5						18	18	2	
4/ 63				.5		.8	.3		.3	.5	.5							11	11	6	
2/ 61							.3		.3		.3							3	3	11	1
/ 59			.3			.3			.3	.3	.3							5	5	24	2
8/ 57			.3							.5								3	3	56	1
5[illegible]/ 55			.5					.3										3	3	89	3
4/ 53																				77	3
[illegible]2/ 51																				67	5
5 / 49																				25	6
[illegible]3/ 47																				16	7
[illegible]6/ 45																				3	14
[illegible]4/ 43																				4	15
2/ 41																				6	15
4 / 39																					21
3[illegible]/ 37																					28
[illegible]6/ 35																					41
3[illegible]/ 33																					38
[illegible]2/ 31																					59
3 / 29																					35
[illegible]3/ 27																					31
[illegible]6/ 25																					21

Element (X)	$\Sigma_{\bar{X}'}$	$\Sigma_{\bar{X}}$	$\bar{X}$	$\sigma_{\bar{X}}$	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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2[illegible]04 | WILLIAMS AFB AZ | 70,73-81 | MAY

STATION | STATION NAME | YEARS | 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
[illegible]/ 23																					12
2/ 21																					8
[illegible]/ 19																					8
[illegible]/ 17																					4
1[illegible]/ 15																					4
[illegible]/ 13																					4
1[illegible]/ 11																					1
TOTAL			1.0	1.0	.3	2.3	1.8	3.1	5.4	9.6	13.4	19.4	17.8	14.0	8.3	2.6			387		387
																		387		387	

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.	272800	9214	23.8	11.765	387							
Dry Bulb	2204638	29096	75.2	6.656	387			82.7	63.4	26.0		93
Wet Bulb	1141353	20959	54.2	4.028	387			.2				93
Dew Point	466453	13043	33.7	8.343	387		44.9					93

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

USAFETAC

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] 4 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAY — 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				
[illegible]/107																	.0	1	1		
[illegible]/105																	.1	4	4		
[illegible]/103																	.2	11	11		
2/101																	.5	22	22		
[illegible]/ 99																	.9	44	44		
[illegible]/ 97																.1	1.5	75	75		
[illegible]/ 95															.0	.1	2.1	109	109		
[illegible]/ 93														.1	.1	.4	3.4	190	190		
/ 91													.1	.2	.4	.9	3.2	228	228		
/ 89												.1	.2	.5	1.0	2.1	3.1	335	335		
[illegible]/ 87											.1	.2	.4	.9	1.9	3.2	1.3	381	381		
[illegible]/ 85									.0	.0	.2	.3	.5	1.4	2.2	3.0	.0	363	363		
[illegible]/ 83									.0	.1	.3	.3	1.1	1.8	2.5	.7		322	322		
[illegible]/ 81									.2	.2	.2	.6	1.7	2.2	1.5	.2		326	326		
/ 79							.0	.1	.2	.2	.4	1.3	1.8	1.8	.6			312	312		
7 / 77							.1	.1	.2	.3	.9	1.3	1.5	1.0	.2			262	262		
[illegible]/ 75					.0	.0	.1	.2	.1	.5	.7	1.6	1.5	.7				260	260		
[illegible]/ 73				.0	.0	.1	.1	.2	.4	.6	1.2	1.4	.5	.2				224	224		
[illegible]/ 71				.0	.0	.2	.0	.3	.7	.9	1.4	.6	.3	.0				213	213		
[illegible]/ 69			.0	.1	.2	.0	.2	.4	.5	.8	1.0	.5	.1					189	189	2	
6 [illegible]/ 67		.0	.0		.1	.2	.2	.5	.5	.8	.6	.3	.0					161	161	55	
6/ 65			.0	.1	.1	.1	.4	.6	.5	1.0	.3	.1						156	156	143	3
[illegible]/ 63			.1	.1	.1	.2	.4	.4	1.0	.7	.3							151	151	269	3
2/ 61			.0	.1	.2	.3	.2	.5	.6	.3	.0							106	106	465	9
[illegible]/ 59		.0	.1	.3	.1	.2	.3	.5	.6	.3	.0							112	112	675	11
[illegible]/ 57			.2	.1	.1	.2	.1	.5	.3	.1								71	71	841	30
5 [illegible]/ 55		.1	.3	.1	.1	.1	.3	.3	.2									67	67	681	57
4/ 53		.1	.1	.1	.1	.1	.1	.1										32	32	511	66
[illegible]/ 51			.0	.1	.0	.1	.1	.1										21	21	377	69
[illegible]/ 49			.0	.0	.0		.1	.0										8	8	245	95
[illegible]/ 47			.0			.1	.1	.0										11	11	195	99
[illegible]/ 45			.0															2	2	136	182
[illegible]/ 43						.0	.0											4	4	93	183
2/ 41						.0												1	1	47	251

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
70,73-81 — YEARS
MAY — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/39					.0													1	1	17	340
3 /37																				13	371
/35																				4	472
3 /33																				4	426
/31																				2	586
/29																					471
/27																					392
/25																					247
/23																					116
2/21																					114
/19																					91
/17																					37
/15																					24
/13																					19
1 /11																					10
/9																					1
TOTAL		.2	.9	1.1	1.2	1.9	2.8	4.8	5.9	7.0	7.6	8.5	9.8	10.8	10.5	10.6	16.3	4775	4775	4775	4775

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.	3301838	108330	22.7	13.298	4775			628.2	540.5	403.1	71.1	744
Dry Bulb	30485166	377802	79.1	11.147	4775							
Wet Bulb	15080467	267031	55.9	5.556	4775		.3	8.9				744
Dew Point	6091961	165647	34.7	8.508	4775		328.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUN — 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				
/ 89													.4					1	1		
8/ 87														.4				1	1		
6/ 85													.4					1	1		
4/ 83											.4	.4	1.3					5	5		
/ 81										.4	.8	1.3						6	6		
/ 79								.4	.4	1.7		1.3	.4	.4	.4			12	12		
7 / 77									.4	1.3	1.3	1.7	2.9					18	18		
6/ 75							.4			1.3	1.3	1.7	.8					13	13		
4/ 73						.4	.4	.8	.4	2.9	2.5	1.3	1.3	.4				25	25		
/ 71			.4					.8	.4	4.2	2.9	2.5	.4					28	28		
/ 69						.4	.4	.8	2.5	1.3	2.9	1.7	.4					25	25		
6 / 67						.8	.4	1.3	4.6	3.8	2.9	2.5						39	39	1	
6/ 65					.4			1.3	1.3	5.0	1.3	1.3						25	25	4	1
4/ 63				.4				.8	1.7	3.8	1.3							19	19	7	
2/ 61					.8		.4		2.9	.8								12	12	10	
/ 59								.4	.4	.8								4	4	11	
8/ 57								.4	.4									2	2	19	3
5 2/ 55						.4		.4										2	2	25	2
4/ 53																				40	4
2/ 51																				28	6
5 / 49																				32	6
8/ 47																				25	7
8/ 45																				26	9
4/ 43																				7	13
2/ 41																				3	13
4 / 39																					22
38/ 37																					13
36/ 35																					19
34/ 33																					14
2/ 31																					21
/ 29																					16
3/ 27																					17
6/ 25																					13
4/ 23																					10

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70, 73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 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				
2/ 21																					13
/ 19																					8
/ 17																					4
1 / 15																					5
/ 13																					1
/ 9																					1
TAL			.4	.4	1.3	2.1	2.1	7.6	15.5	27.3	17.6	15.5	8.4	1.3	.4			238	238	238	238

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.	213694	6664	28.0	10.694	238							
Dry Bulb	1188190	16752	70.4	6.188	238			65.8	31.0	7.2		90
Wet Bulb	661993	12487	52.5	5.374	238			.4				90
Dew Point	304336	8166	34.3	10.095	238		41.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]104 | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 95															.1		.3	3	3		
[illegible]/ 93														.4	.1		.3	6	6		
[illegible]/ 91														.4	.4			6	6		
[illegible]/ 89											.3	.3	.9	.5	1.0	.4	.1	27	27		
8/ 87												.5	1.3	1.0	1.4	.5		37	37		
6/ 85										.3	.6	1.0	1.0	1.3	.8	.6		44	44		
4/ 83									.3	.3	.4	1.2	1.6	2.5	1.0			55	55		
[illegible]/ 81										.3	.8	1.2	1.4	3.0	1.4			62	62		
[illegible]/ 79						.1		.3	.6	1.2	1.4	1.6	2.8	2.5	.6			86	86		
7[illegible]/ 77						.1	.4	.6	.1	.5	2.1	2.2	3.1	1.3				81	81		
[illegible]/ 75					.1			.4	.6	2.1	1.6	1.9	1.8	.3				68	68		
4/ 73						.1	.1	.1	.6	1.6	1.4	3.0	.4	.4				60	60		
[illegible]/ 71						.3	.1	.5	1.4	1.3	2.5	2.3	.1					66	66		
[illegible]/ 69			.1		.1		.1	.5	1.0	1.3	2.5	1.0	.4					55	55	4	
[illegible]/ 67					.1	.4	.3	.9	1.4	1.4	1.4	.5						50	50	14	
[illegible]/ 65				.1	.1	.1	.1	.6	.3	1.3	.8							27	27	33	
4/ 63							.4	.9	1.0	.4								21	21	45	4
[illegible]/ 61				.1	.1		.3	.1	.9	.1								13	13	60	1
[illegible]/ 59									.4									3	3	85	2
[illegible]/ 57									.3									2	2	103	10
5[illegible]/ 55						.1												1	1	116	12
[illegible]/ 53																				105	19
[illegible]/ 51																				84	25
5 / 49																				54	25
4[illegible]/ 47																				35	35
4[illegible]/ 45																				31	38
[illegible]/ 43																				4	48
2/ 41																					53
[illegible] / 39																					67
3[illegible]/ 37																					51
[illegible]/ 35																					55
3[illegible]/ 33																					50
[illegible]/ 31																					70
3 / 29																					48

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUN — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 27																					52
/ 25																					47
/ 23																					21
2/ 21																					20
/ 19																					11
/ 17																					6
/ 15																					1
/ 13																					1
1 / 11																					1
TOTAL			.1	.3	.4	1.3	1.4	4.5	8.9	12.5	16.0	16.7	14.9	13.5	7.0	1.6	.6		773		773
																		773		773	

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.	567161	19507	25.2	9.849	773							
Dry Bulb	4590793	59293	76.7	7.439	773			82.2	62.3	33.4	1.0	90
Wet Bulb	2439254	43226	55.9	5.346	773			2.1				90
Dew Point	1129104	28614	37.0	9.516	773		32.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] /1 9																	.2	2	2		
[illegible] /1 7																	.1	1	1		
[illegible] /1 5																	.7	6	6		
[illegible] /1 3																	.9	8	8		
2/101														.1		.1	2.2	22	22		
2/ 99															.1	.9	3.2	38	38		
[illegible] / 97															.2	1.0	4.7	53	53		
[illegible] / 95												.1		.3	1.3	1.4	5.3	77	77		
4/ 93												.2	.1	1.6	1.3	1.9	6.8	107	107		
[illegible] / 91													.3	1.4	1.8	2.6	4.9	99	99		
[illegible] / 89											.4		.6	1.3	2.3	3.6	3.9	109	109		
8/ 87										.2	.1	.6	.9	1.1	2.1	3.6	1.2	88	88		
6/ 85											.4	.3	1.8	2.4	2.6	2.9	.1	95	95		
4/ 83								.1		.2	.6	.6	1.4	2.1	2.0	.6		68	68		
[illegible] / 81										.1	.6	1.8	.9	1.1	.9	.1		49	49		
[illegible] / 79									.3	.3	1.2	.4	.8	1.2	.1			40	40		
7 / 77									.2	.1	.7	.3	.2					14	14		
8/ 75							.1		.3	.4	.2	.4	.1	.1				16	16	1	
4/ 73									.2	.1	.1	.1						5	5	1	
[illegible] / 71										.1								1	1	10	
[illegible] / 69																				38	
[illegible] / 67									.1									1	1	65	
6/ 65																				96	2
4/ 63																				128	1
2/ 61																				168	2
[illegible] / 59																				172	6
[illegible] / 57																				125	4
5 / 55																				71	17
4/ 53																				19	19
2/ 51																				4	38
5 / 49																				1	48
[illegible] / 47																					40
[illegible] / 45																					66
[illegible] / 43																					75

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUN — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Po
2/ 41																					6
/ 39																					7
3 / 37																					7
/ 35																					8
3 / 33																					5
/ 31																					9
/ 29																					6
/ 27																					7
/ 25																					4
/ 23																					
2/ 21																					
/ 19																					
TOTAL							.1	.1	1.2	1.7	4.3	4.9	7.1	12.9	14.8	18.6	34.3	899	899	899	89

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.	329386	16116	17.9	6.714	899							
Dry Bulb	7264614	80602	89.7	6.509	899			90.0	89.8	84.9	31.4	9
Wet Bulb	3412120	55264	61.5	4.072	899			11.5	.2			9
Dew Point	1448118	35336	39.3	8.120	899		22.5					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]04 | WILLIAMS AFB AZ | 69-70,73-80 | JUN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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				
[illegible]/117																	.1	1	1		
[illegible]/115																	.1	1	1		
12/111																	.7	6	6		
1 /109																	1.3	12	12		
[illegible]/107																	2.3	21	21		
[illegible]/105																	4.9	44	44		
[illegible]/103																	7.7	69	69		
2/101																.1	11.2	102	102		
[illegible]/ 99															.3	.9	9.2	94	94		
3/ 97														.2	.1	.4	9.8	95	95		
[illegible]/ 95														.3	.4	1.0	8.6	93	93		
[illegible]/ 93												.2	.1		1.0	1.3	8.2	98	98		
/ 91											.1			.6	2.1	2.3	5.3	94	94		
/ 89													.1	1.0	1.6	2.1	2.4	60	60		
8/ 87												.1	.1	1.3	1.4	.9	.4	39	39		
6/ 85											.2	.3	.7	.6	.6	.7		27	27		
4/ 83								.1		.1	.2	.8	.8	.6	.1	.1		25	25		
/ 81								.1	.2		.2		.3		.1	.1		10	10		
/ 79					.1					.1	.1		.1	.1				5	5		
6/ 75												.1						1	1		
4/ 73																				4	
2/ 71						.1	.1											2	2	37	
[illegible]/ 69																				80	
6[illegible]/ 67						.1												1	1	110	1
6/ 65																				165	
4/ 63																				146	2
[illegible]2/ 61																				196	1
[illegible]/ 59																				116	5
[illegible]/ 57																				36	6
5[illegible]/ 55																				8	7
4/ 53																				2	16
[illegible]2/ 51																					3[illegible]
5 / 49																					38
[illegible]3/ 47																					58

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 45																					71
4/ 43																					81
2/ 41																					79
[illegible] / 39																					106
[illegible] / 37																					89
[illegible] / 35																					95
3 [illegible] / 33																					85
2/ 31																					88
[illegible] / 29																					28
[illegible] / 27																					9
[illegible] / 25																					2
[illegible] / 23																					1
2/ 21																					2
TOTAL					.1	.2	.1	.2	.2	.2	.9	1.6	2.2	4.7	7.2	10.0	72.3		900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	230463	13381	14.9	5.921	900							
Dry Bulb	8366419	86567	96.2	6.664	900			90.0	89.7	89.5	63.6	90
Wet Bulb	3697166	57588	64.0	3.699	900			23.1	.4			90
Dew Point	1486455	36047	40.1	6.891	900		13.0	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1[illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1[illegible]/115																	.4	3	3		
11[illegible]/113																	.1	1	1		
[illegible]12/111																	2.1	17	17		
11[illegible]/109																	3.3	27	27		
1[illegible]/107																	5.8	48	48		
1[illegible]/105																	9.3	77	77		
1[illegible]/103																.1	11.8	99	99		
1[illegible]2/101																	11.8	98	98		
[illegible]2/ 99																.6	7.6	68	68		
[illegible]8/ 97																.5	11.0	95	95		
[illegible]6/ 95														.1	.6	.7	9.9	94	94		
[illegible]4/ 93													.1		.5	1.4	7.1	76	76		
[illegible]2/ 91														.1	.6	1.7	2.7	42	42		
[illegible]/ 89												.1		.1	1.3	1.2	1.4	35	35		
8/ 87												.6	.5	.6	.5	.5		22	22		
[illegible]6/ 85													.4	.7	.5	.1		14	14		
4/ 83									.1									1	1		
[illegible]/ 81							.1							.1	.1			3	3		
[illegible]/ 79					.1					.5	.1			.1				7	7		
7[illegible]/ 77						.1												1	1		
[illegible]6/ 75									.1									1	1		
[illegible]4/ 73																				10	
[illegible]2/ 71																				33	
[illegible]/ 69																				104	1
6[illegible]/ 67																				138	
[illegible]6/ 65																				171	1
4/ 63																				135	1
[illegible]2/ 61																				159	
[illegible]/ 59																				62	
[illegible]8/ 57																				13	3
5[illegible]/ 55																				3	6
4/ 53																				1	13
2/ 51																					19
5 / 49																					28

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1C4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / 47																					40
4 / 45																					66
4/ 43																					103
2/ 41																					96
- / 39																					113
2 / 37																					97
- / 35																					86
3 / 33																					88
- / 31																					46
/ 29																					20
- / 27																					1
- / 23																					1
TAL					.1	.1	.1		.2	.5	.1	.7	1.0	1.9	4.1	6.9	84.2	829	829	829	829

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.	174047	11247	13.6	5.091	829							
Dry Bulb	8149404	82014	98.9	6.562	829			90.0	90.0	89.6	76.3	90
Wet Bulb	3509031	53857	65.0	3.500	829			30.9	1.1			90
Dew Point	1367982	33308	40.2	5.991	829		7.4	.1				90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUN — 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
112/111																	.3	2	2		
110/109																	.9	6	6		
108/107																	1.7	12	12		
106/105																	4.7	33	33		
104/103																	7.2	50	50		
102/101																	10.2	71	71		
100/ 99															.1	.4	7.7	58	58		
98/ 97														.1	.1	.4	9.6	72	72		
96/ 95															.6	1.0	9.5	77	77		
94/ 93														.1	1.6	1.4	9.2	86	86		
92/ 91													.1	.6	.6	3.0	5.3	67	67		
90/ 89											.1			1.0	1.4	3.2	1.9	53	53		
88/ 87											.3	.6	.6	1.1	.7	2.1		38	38		
86/ 85											.7		.7	1.6	1.4	.4		34	34		
84/ 83											.1	.1	.6	.4	.4			12	12		
82/ 81										.1	.1	.6	.3	.3				10	10		
80/ 79						.3				.3		.1	.1	.6				10	10		
78/ 77								.1	.1				.1					3	3		
76/ 75								.1				.1						2	2		
74/ 73																				1	
72/ 71						.3												2	2	12	
70/ 69																				57	
68/ 67																				88	
66/ 65																				132	1
64/ 63																				112	1
62/ 61																				140	
60/ 59																				101	3
58/ 57																				43	4
56/ 55																				7	4
54/ 53																				5	13
52/ 51																					16
50/ 49																					31
48/ 47																					34
46/ 45																					57

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	σ_n	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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | JUN

STATION | STATION NAME | YEARS | 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
4/ 43																					68
2/ 41																					68
/ 39																					78
3 / 37																					76
/ 35																					69
3 / 33																					84
/ 31																					51
/ 29																					29
/ 27																					8
/ 25																					3
TOTAL						.6		.3	.1	.4	1.4	1.6	2.6	5.9	7.0	12.0	68.1	698	698	698	698

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.	187205	10587	15.2	6.181	698							
Dry Bulb	6359562	66458	95.2	6.772	698			90.0	59.7	38.7	60.2	90
Wet Bulb	2826708	44348	63.5	3.598	698			20.4	.1			90
Dew Point	1132653	27735	39.7	6.626	698		11.7					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 [illegible]104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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
1 [illegible]/103																	.2	1	1		
2/101																	.5	2	2		
1 0/ 99																	1.5	6	6		
8/ 97																.2	1.2	6	6		
6/ 95														.2	.7	1.2	4.5	27	27		
4/ 93															2.0	2.7	3.2	32	32		
[illegible]/ 91												.2		.5	2.0	2.7	2.7	33	33		
[illegible]/ 89													.2	1.5	4.2	1.2	2.2	38	38		
[illegible]8/ 87										.5	.2	.2	1.0	1.7	3.2	4.5	1.0	50	50		
6/ 85												1.5	2.0	2.0	6.0	3.7		61	61		
4/ 83										.2		1.0	2.0	2.7	3.7	1.0		43	43		
[illegible]2/ 81										.2	.2	.7	2.0	5.0	1.5			39	39		
[illegible]/ 79											.5	1.5	2.0	2.2				25	25		
7 / 77									.2		.5	1.7	1.7	1.2				22	22		
[illegible]6/ 75												.2	1.5					7	7		
4/ 73								.2	.2			.2	.5					5	5		
[illegible]2/ 71											.5							2	2	1	
[illegible]/ 69							.2					.2						2	2	5	
[illegible]8/ 67																				13	
[illegible]6/ 65																				25	
[illegible]4/ 63																				59	
[illegible]2/ 61																				59	2
[illegible]/ 59																				59	
[illegible]8/ 57																				90	1
5[illegible]/ 55																				60	1
[illegible]4/ 53																				21	3
[illegible]2/ 51																				8	6
5[illegible]/ 49																				1	15
[illegible]8/ 47																					18
4[illegible]/ 45																					27
[illegible]4/ 43																					31
[illegible]2/ 41																					30
4[illegible]/ 39																					38
3[illegible]/ 37																					30

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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
/ 35																					31
3-/ 33																					42
/ 31																					47
/ 29																					32
/ 27																					27
/ 25																					13
/ 23																					7
TAL							.2	.2	.5	1.0	2.0	7.7	13.0	17.2	23.4	17.5	17.2		401		401
																		401		401	

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.	141890	7192	17.9	5.679	401							
Dry Bulb	3019576	34714	86.6	6.007	401			90.0	89.1	78.6	16.6	90
Wet Bulb	1431757	23909	59.6	3.943	401			4.3				90
Dew Point	577906	14928	37.2	7.447	401		28.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUN — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
11 -/117																	.0	1	1		
11 -/115																	.1	4	4		
11 -/113																	.0	1	1		
12/111																	.5	25	25		
11 /109																	1.0	47	47		
1 -/107																	1.7	82	82		
- /105																	3.4	160	160		
1 -/103																.0	4.8	227	227		
2/101														.0		.0	6.2	295	295		
0/ 99															.1	.5	5.0	264	264		
9/ 97														.1	.1	.4	6.2	321	321		
8/ 95												.0		.2	.6	.8	6.2	371	371		
4/ 93												.1	.1	.4	.9	1.3	5.8	405	405		
/ 91											.0	.0	.1	.6	1.2	1.9	3.4	341	341		
/ 89											.1	.1	.3	.8	1.6	1.9	1.9	323	323		
8/ 87										.1	.1	.4	.7	1.1	1.4	1.7	.4	275	275		
6/ 85										.0	.3	.4	1.0	1.3	1.5	1.2	.0	276	276		
4/ 83								.0	.1	.1	.3	.6	1.0	1.2	.9	.2		209	209		
2/ 81							.0	.0	.0	.1	.4	.7	.7	1.2	.6	.0		179	179		
/ 79					.0	.1		.1	.2	.5	.5	.5	.8	1.0	.1			185	185		
78/ 77						.0	.1	.1	.1	.2	.6	.7	.9	.3				139	139		
6/ 75					.0		.0	.1	.2	.5	.4	.5	.5	.1				108	108	1	
74/ 73						.0	.0	.1	.2	.4	.4	.6	.2	.1				95	95	16	
72/ 71			.0			.1	.0	.1	.3	.4	.6	.5	.0					101	101	93	
70/ 69			.0		.0	.0	.1	.1	.3	.3	.5	.3	.1					82	82	288	1
68/ 67					.0	.1	.1	.2	.5	.4	.4	.2						91	91	429	1
66/ 65				.0	.0	.0	.0	.2	.1	.3	.2	.1						52	52	626	5
64/ 63				.0				.1	.2	.4	.1							40	40	632	9
62/ 61				.0	.1		.1	.0	.3	.1								25	25	792	6
0/ 59								.0	.1	.0								7	7	606	16
58/ 57								.0	.1									4	4	429	31
56/ 55						.0		.0										3	3	290	49
54/ 53																				193	87
2/ 51																				124	140

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-72,73-80 — YEARS
JUN — 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
5 / 49																				88	191
[illegible] / 47																				60	232
[illegible] / 45																				57	334
4 / 43																				11	416
2 / 41																				3	403
[illegible] / 39																					499
[illegible] / 37																					430
/ 35																					444
3 [illegible] / 33																					417
[illegible] / 31																					421
[illegible] / 29																					233
[illegible] / 27																					149
[illegible] / 25																					102
[illegible] / 23																					45
2 / 21																					37
/ 19																					20
[illegible] / 17																					13
[illegible] / 15																					6
[illegible] / 13																					2
1 [illegible] / 11																					1
/ 9																					1
TAL			.0	.1	.2	.5	.4	1.2	2.6	4.0	4.9	5.7	6.3	8.3	9.1	10.1	46.6		4738		4738
																		4738		4738	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1843846	84698	17.9	8.345	4738							
Dry Bulb	38938558	426400	90.0	10.915	4738			700.1	658.5	594.5	334.8	720
Wet Bulb	17978029	290679	61.4	5.527	4738			125.7	2.6			720
Dew Point	7446554	184134	38.9	7.831	4738		156.1	.3				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 [illegible] 4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 91												.8	.4					3	3		
[illegible] / 89											.4			.4				2	2		
8 / 87											.8	2.4	.8					10	10		
6 / 85								.8	1.6	3.3	4.1	.8	.8					28	28		
[illegible]4 / 83							.4	3.3	3.7	2.0	2.0	1.6	.8					34	34		
[illegible] / 81					.4	.8	2.0	5.3	1.2	2.0	1.6	1.2						36	36		
/ 79					.4	1.2	2.4	6.1	2.9	1.6	.8	.8						40	40		
7 [illegible] / 77					.4	1.6	3.7	1.2	1.6	.4	.4	.4	.4					25	25		
[illegible]6 / 75				2.4	2.4		2.0	1.2	2.0	.4	1.2	.8						31	31		
4 / 73			.8	1.2		.8			.4		.8	.8	.4					13	13	1	
[illegible] / 71				1.6		.4	.4		.4		.8	.8						11	11	7	
/ 69					.4		.4		.8	.4	.8	.4	.4					9	9	41	2
[illegible] / 67							.4		.4									2	2	57	9
6 / 65							.4											1	1	43	14
4 / 63																				38	14
[illegible] / 61																				17	27
/ 59																				8	34
[illegible] / 57																				10	25
5 [illegible] / 55																				3	21
[illegible]4 / 53																				7	22
[illegible]2 / 51																				8	15
5 / 49																				4	13
[illegible] / 47																				1	9
[illegible] / 45																					7
[illegible]4 / 43																					5
[illegible]2 / 41																					4
[illegible] / 39																					6
3[illegible] / 37																					1
36 / 35																					4
3[illegible] / 33																					1
[illegible]2 / 31																					3
[illegible] / 29																					3
[illegible]8 / 27																					2
[illegible]6 / 25																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — 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
-/ 23																					1
-/ 13																					1
TAL			.8	5.3	4.1	4.9	12.2	18.0	15.1	10.2	13.9	11.0	4.1	.4				245	245	245	245

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.	516953	10701	43.7	14.252	245							
Dry Bulb	1563629	19539	79.7	4.964	245			92.6	84.3	52.8		93
Wet Bulb	1026065	15805	64.5	5.154	245			40.2	.4			93
Dew Point	748624	13336	54.4	9.648	245		4.6	4.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | JUL MONTH

PAGE 1 | 0400-0800 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/ 99																	.1	1	1		
5/ 95														.1	.3	.1		4	4		
4/ 93												.1	.5	.5		.1		10	10		
1/ 91											.4	.9	.9	.6	.3	.1		25	25		
/ 89									.3	.5	2.2	2.3	1.3	.9	.1			59	59		
8/ 87								.3	.8	3.3	2.6	2.2	.8	.9	.3	.1		87	87		
6/ 85							.1	.8	3.7	2.7	3.8	2.3	.6	.4	.5	.1		118	118		
4/ 83						.3	.9	2.9	3.8	2.7	1.9	1.5	.4	.4		.1		117	117		
/ 81					.1	1.0	2.2	4.8	3.6	.8	.6	1.0	.8	.6				122	122		
/ 79					.5	1.1	2.4	2.2	1.7	1.1	.9	.6	.5	.3				89	89		
7 / 77				.3	1.5	1.7	2.3	1.0	.8	.3	.1	.4	.1					66	66		
5/ 75				.6	1.5	.3	.6	.4	.4	.3	.8	.1	.5		.1			44	44		
4/ 73				.5	.4	.3	.4		.1	.1	.4	.5						21	21	10	
2/ 71				.3						.3	.1	.3						7	7	66	
/ 69							.1	.1		.3	.4		.1					8	8	167	6
/ 67					.1					.1	.1							3	3	196	26
6/ 65								.1	.1		.1							3	3	126	48
4/ 63																				76	49
2/ 61																				45	101
/ 59																				26	113
8/ 57																				29	87
56/ 55																				12	76
4/ 53																				13	55
2/ 51																				6	48
5 / 49																				8	37
47/ 47																				1	23
45/ 45																				1	22
4/ 43																					18
2/ 41																					9
4 / 39																					15
35/ 37																					14
4/ 35																					6
34/ 33																					8
2/ 31																					14

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0600-0900
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
[illegible] / 29																					5
[illegible] / 27																					4
[illegible] / 25																					4
[illegible] / 23																					1
[illegible] / 15																					1
[illegible] / 13																					1
TAL				1.7	4.2	4.6	9.1	12.6	15.2	12.4	14.4	12.2	6.5	4.7	1.5	.8	.1	784	784	784	784

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.	1433304	31820	40.6	13.459	784							
Dry Bulb	5395764	64918	82.8	5.094	784			92.6	90.5	70.8	1.8	9
Wet Bulb	3416399	51623	65.8	4.693	784			52.1	1.2			9
Dew Point	2444234	43182	55.1	9.168	784		3.6	3.8				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 /105																	.3	3	3		
1 /103															.1	.3	.9	12	12		
2/101															.1	.2	1.0	12	12		
3/ 99														.7	1.4	1.2	1.1	40	40		
5/ 97												.1	.3	2.2	2.5	1.7	1.3	74	74		
6/ 95											.1	1.0	2.4	3.4	2.3	1.0	1.3	105	105		
4/ 93											.6	3.0	4.8	3.8	2.0	1.0	1.2	147	147		
/ 91										.7	3.2	3.8	5.0	2.0	.4	1.1	.9	154	154		
/ 89									.4	2.0	4.5	2.7	.9	1.1	.9	.8	.3	123	123		
8/ 87							.1	.3	1.3	4.0	2.2	1.1	.6	.8	1.1	.1		105	105		
6/ 85								.8	2.2	1.9	.9	.2	.3	.1				58	58		
4/ 83							.4	1.4	1.3	.7		.1	.1		.1			38	38		
/ 81						.4	.7	1.1	.1	.1								22	22		
/ 79					.2	.4	.2	.1	.1									10	10		
8/ 75						.1												1	1	7	
4/ 73																				56	
/ 71																				210	
/ 69																				269	1
/ 67																				176	16
6/ 65																				75	31
4/ 63																				45	64
2/ 61																				43	121
/ 59																				19	126
/ 57																				4	119
5 / 55																					105
4/ 53																					76
2/ 51																					55
5 / 49																					35
[illegible]/ 47																					31
4 / 45																					26
4/ 43																					20
2/ 41																					13
4 / 39																					14
3 / 37																					16

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2'104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 35																					15
34 / 33																					10
[illegible] / 31																					5
[illegible] / 29																					2
[illegible] / 27																					2
[illegible] / 25																					1
TOTAL					.2	1.0	1.4	3.8	5.5	9.3	11.5	11.9	14.4	14.0	11.1	7.4	8.4	904	904	904	904

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.	956101	27835	30.8	10.473	904							
Dry Bulb	7609793	82825	91.6	4.859	904			93.0	93.0	92.5	40.4	93
Wet Bulb	4263842	62012	68.6	3.325	904			73.9	6.5			93
Dew Point	2807967	49887	55.2	7.802	904		1.0	1.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
112/111																	.1	1	1		
111/109																	.6	5	5		
110/107																	1.5	14	14		
109/105																.2	4.3	41	41		
108/103														.1	.4	2.1	5.5	74	74		
107/101													.1	.4	2.0	3.6	5.0	101	101		
106/ 99													.3	2.5	6.7	3.5	4.7	162	162		
105/ 97												.2	1.9	3.6	5.4	2.2	4.1	158	158		
104/ 95											.4	1.0	3.4	4.0	2.2	.6	1.4	118	118		
103/ 93											.3	2.9	3.0	3.3	.7	.6	.3	100	100		
102/ 91										.6	2.1	2.6	1.5	.4	.2	.3		71	71		
101/ 89									.3	1.0	1.5	.6		.1	.1			33	33		
100/ 87									.6	1.1	.4	.1						20	20		
99/ 85								.1	.1	.1								3	3		
98/ 83						.1	.1	.1	.1									4	4		
97/ 81						.1												1	1		
96/ 77																				3	
95/ 75																				27	
94/ 73																				151	
93/ 71																				290	
92/ 69																				217	
91/ 67																				114	6
90/ 65																				48	25
89/ 63																				40	57
88/ 61																				15	74
87/ 59																				1	134
86/ 57																					147
85/ 55																					107
84/ 53																					86
83/ 51																					72
82/ 49																					34
81/ 47																					30
80/ 45																					24
79/ 43																					27

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) AS 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 41																					24
4 / 39																					23
3 / 37																					15
3 / 35																					13
3 / 33																					8
2/ 31																					2
/ 29																					1
TAL						.2	.1	.2	1.1	2.8	4.9	7.4	10.3	14.6	17.8	13.1	27.6		906		906
																		906		906	

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.	615819	22459	24.8	8.080	906							
Dry Bulb	8651018	88430	97.6	4.680	906			93.0	93.0	93.0	79.5	93
Wet Bulb	4467468	63564	70.2	2.952	906			82.3	18.6			93
Dew Point	2744774	49438	54.6	7.212	906		.3	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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
12/111																	.5	4	4		
11 /109																	3.4	29	29		
1 /107																.1	5.2	45	45		
1 /105																.6	10.6	94	94		
1 /103														.1		2.5	11.3	117	117		
2/101													.1	1.1	2.4	6.8	8.8	161	161		
3/ 99													.5	1.4	3.3	3.3	4.8	112	112		
3/ 97												.6	1.5	3.1	3.7	1.7	2.0	106	106		
5/ 95											.1		2.4	3.6	1.5	.4	.6	72	72		
4/ 93											.1	1.5	2.4	1.2		.1		45	45		
/ 91									.1	.2	.8	1.0	.6					23	23		
/ 89								.1		.5	.6	.1						11	11		
8/ 87								.1	.2	.6	.2							10	10		
6/ 85								.2	.5									6	6		
4/ 83								.1	.1									2	2		
/ 81						.1	.1											2	2		
/ 79						.1		.1										2	2		
7 / 77																				6	
6/ 75																				39	
4/ 73																				140	
2/ 71																				292	1
/ 69																				202	1
8/ 67																				94	5
6/ 65																				46	18
4/ 63																				21	36
2/ 61																				1	45
/ 59																					94
8/ 57																					116
5 / 55																					125
4/ 53																					101
2/ 51																					70
5 / 49																					55
4 / 47																					29
4 / 45																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 43																					34
2/ 41																					31
0/ 39																					22
3 / 37																					14
1/ 35																					6
3 / 33																					5
TOTAL						.2	.1	.7	1.0	1.3	1.9	3.2	7.5	10.5	10.9	15.5	47.2	841	841	841	841

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	464883	18587	22.1	8.025	841							
Dry Bulb	8481667	84349	100.3	5.094	841			93.0	93.0	92.9	86.8	93
Wet Bulb	4196929	59369	70.6	2.644	841			85.5	20.5			93
Dew Point	2455086	45068	53.6	6.897	841			.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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
[illegible]1 /109																	1.0	7	7		
[illegible] /107																	2.5	18	18		
[illegible]/105																	5.7	41	41		
[illegible]/103																1.7	7.1	63	63		
[illegible]2/101														.4	.7	4.9	8.4	103	103		
[illegible]/ 99														1.0	2.9	5.0	5.6	104	104		
[illegible]/ 97												.1	.7	2.5	5.6	3.5	2.1	104	104		
[illegible]/ 95											.3	.4	2.2	4.2	2.2	1.1	1.5	86	86		
[illegible]/ 93											.4	1.7	2.4	2.8	1.4	.4	.3	67	67		
[illegible]/ 91										.1	1.0	1.3	1.1	.1	.1	.3	.1	30	30		
[illegible]/ 89									.1	1.0	.8	1.3	.4	.1	.1			28	28		
[illegible]8/ 87									.3	1.1	1.1	.3						20	20		
6/ 85								.4	1.3	.6	.3							18	18		
[illegible]4/ 83							.3	.8	.3	.3								12	12		
[illegible]/ 81					.1	.3	.4	.3	.3									10	10		
[illegible]/ 79						.6	.3											6	6		
[illegible]6/ 75																				6	
[illegible]4/ 73					.1													1	1	73	
[illegible]2/ 71																				205	
[illegible]/ 69																				213	1
6[illegible]/ 67																				145	7
[illegible]6/ 65																				46	15
[illegible]4/ 63																				19	27
[illegible]2/ 61																				11	38
[illegible]/ 59																					66
[illegible]6/ 57																					92
5[illegible]/ 55																					118
4/ 53																					85
[illegible]2/ 51																					72
5[illegible]/ 49																					51
[illegible]8/ 47																					35
46/ 45																					28
[illegible]4/ 43																					30
[illegible]2/ 41																					13

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — 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
4 / 39																					16
3 / 37																					11
/ 35																					8
3 / 33																					4
/ 31																					1
TOTAL					.3	.8	1.0	1.5	2.2	3.1	3.9	5.0	6.8	11.1	13.1	16.9	34.3		718		718
																		718		718	

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	499269	17539	24.4	9.939	718							
Dry Bulb	6629072	69890	97.3	6.021	718			93.0	93.0	92.5	76.8	93
Wet Bulb	3482262	49968	69.6	2.594	718			83.2	10.2			93
Dew Point	2084780	38384	53.5	6.762	718		.1	1.0				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

USE WITH CAUTION
SEE FIRST PAGE

2[illegible]104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-8[illegible] YEARS | JUL 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				
1 [illegible]/105																	.5	2	2		
[illegible]/101																.7	.7	6	6		
1 [illegible]/ 99															1.0	2.0	1.7	19	19		
[illegible]/ 97													.2	.7	3.0	2.7	1.2	32	32		
[illegible]/ 95												.2	1.7	4.0	2.5	2.5	1.2	49	49		
[illegible]/ 93										.2	.2	2.7	2.5	5.9	3.0	1.5	.2	66	66		
[illegible]/ 91									.2	.5	1.7	4.0	3.5	3.5	1.5	.2	.5	63	63		
[illegible]/ 89										.7	2.0	4.2	4.0	1.5	1.0	.7	.2	58	58		
[illegible]/ 87									.7	1.7	2.5	1.5	1.5	.2	.5	.7		38	38		
[illegible]/ 85								.2	1.5	1.7	.7	.2	.2	1.0	.7			26	26		
[illegible]/ 83							.5	.7	1.7	1.0	.2				.2			18	18		
[illegible]/ 81						.7	.2	.7	1.0									11	11		
[illegible]/ 79				.2		1.2	.5	.7						.2				12	12		
78/ 77					.2	.7												4	4		
[illegible]/ 75					.2													1	1	3	
[illegible]/ 73																				7	
[illegible]/ 71																				64	1
[illegible]/ 69																				110	
[illegible]/ 67																				116	7
[illegible]/ 65																				55	7
[illegible]/ 63																				23	23
[illegible]/ 61																				8	31
[illegible]/ 59																				13	41
[illegible]/ 57																				5	58
56/ 55																				1	38
[illegible]/ 53																					52
[illegible]/ 51																					50
[illegible]/ 49																					21
[illegible]/ 47																					21
46/ 45																					16
[illegible]/ 43																					12
[illegible]/ 41																					5
[illegible]/ 39																					4
38/ 37																					3

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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 | WILLIAMS AFB AZ | 69-70,73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 35																					6
34/ 33																					5
32/ 31																					3
/ 29																					3
/ 27																					1
TOTAL				.2	.5	2.7	1.2	2.5	5.2	5.9	7.4	12.8	13.6	17.0	13.3	11.1	6.4		405		405
																		405		405	

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.	409640	12062	29.8	11.169	405							
Dry Bulb	3380760	36942	91.2	5.242	405			93.0	93.0	90.0	40.0	93
Wet Bulb	1866169	27461	67.8	3.216	405			68.9	2.3			93
Dew Point	1195147	21791	53.8	7.493	405		1.6	1.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]104 | WILLIAMS AFB AZ | 69-70,73-80 | JUL

STATION | STATION NAME | YEARS | 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
[illegible]12/111																	.1		5	5		
11 /109																	.9		41	41		
1 [illegible]/107																.0	1.6		77	77		
1 [illegible]/105																.1	3.6		181	181		
1 [illegible]/103														.0	.1	1.1	4.2		266	266		
[illegible] 2/101													.0	.3	.9	2.7	4.0		383	383		
1 [illegible]/ 99													.1	1.0	2.6	2.4	2.9		438	438		
[illegible]8/ 97												.2	.8	2.1	3.2	1.8	1.8		474	474		
[illegible]6/ 95											.2	.5	2.0	3.0	1.7	.7	1.0		434	434		
[illegible]4/ 93										.0	.3	1.9	2.5	2.5	1.0	.5	.4		435	435		
[illegible]/ 91									.0	.3	1.5	2.1	2.0	.9	.3	.4	.2		369	369		
[illegible]/ 89								.0	.2	.9	1.9	1.5	.8	.5	.3	.2	.1		314	314		
8/ 87							.0	.1	.6	1.9	1.4	.9	.4	.3	.3	.1			290	290		
6/ 85							.0	.5	1.5	1.2	1.1	.5	.2	.2	.1	.0			257	257		
[illegible]4/ 83						.1	.4	1.1	1.3	.8	.4	.4	.1	.1	.0	.0			225	225		
[illegible]/ 81					.1	.4	.7	1.4	.8	.2	.2	.2	.1	.1					204	204		
/ 79				.0	.1	.5	.6	.8	.4	.3	.2	.1	.1	.1					159	159		
7[illegible]/ 77				.0	.3	.4	.6	.2	.2	.1	.0	.1	.0						95	95	9	
6/ 75				.2	.4	.1	.2	.1	.2	.1	.2	.1	.1		.0				77	77	82	
4/ 73			.0	.1	.1	.1	.1		.0	.0	.1	.1	.0						35	35	438	
[illegible]2/ 71				.1		.0	.0		.0	.0	.1	.1							18	18	1134	2
[illegible]/ 69					.0		.0	.0	.0	.1	.1	.0	.0						17	17	1219	11
6[illegible]/ 67					.0		.0		.0	.0	.0								5	5	898	76
[illegible]6/ 65							.0	.0	.0		.0								4	4	439	158
[illegible]4/ 63																					262	267
[illegible]2/ 61																					140	437
[illegible]/ 59																					67	608
[illegible]8/ 57																					48	644
5[illegible]/ 55																					16	590
[illegible]4/ 53																					20	477
2/ 51																					16	382
5[illegible]/ 49																					12	239
[illegible]0/ 47																					2	178
4[illegible]/ 45																					1	156

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
JUL — 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
4/ 43																					146
2/ 41																					99
/ 39																					100
/ 37																					74
/ 35																					55
3-/ 33																					41
/ 31																					26
/ 29																					14
/ 27																					9
/ 25																					7
-/ 23																					2
/ 15																					1
-/ 13																					2
TAL			.0	.6	1.0	1.6	2.7	4.3	5.4	6.0	7.7	8.6	9.4	11.1	10.7	10.2	20.7		4803		4803
																		4803		4803	

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.	4895969	141003	29.4	12.551	4803							
Dry Bulb	41911703	446889	93.0	8.308	4803			743.4	737.2	695.1	423.5	744
Wet Bulb	22719134	329802	68.7	3.899	4803			585.5	81.9			744
Dew Point	14480612	261086	54.4	7.748	4803		9.8	13.8				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 1?4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
AUG — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 89												.4						1	1		
8/ 87									.4	.4		.4						3	3		
6/ 85									2.0	1.6	.8							11	11		
4/ 83							1.2	2.4	3.6	2.0	.8	.4						26	26		
/ 81					.4	.4	3.2	3.6	6.5	2.4	1.6							45	45		
/ 79					1.2	2.0	2.0	3.6	2.8	.8	2.0							36	36		
7 / 77					.8	2.0	1.2	3.6	2.0	1.6	.4	.8						31	31		
6/ 75				1.2	.4	1.2	.8	2.8	2.8	4.0	1.6							37	37		
4/ 73				.8	.4		.8	2.0	.8	1.6	.8							18	18	2	
2/ 71				.4	.4	.4		.8	1.6	1.6	.8	.4						16	16	12	1
/ 69						.4	.4	.8	.8	1.6	.4	.4						12	12	35	3
/ 67					.4	.4			.8	.8	.4							7	7	38	3
6/ 65						.4		.8										3	3	37	14
4/ 63							.4											1	1	28	18
/ 61																				18	20
/ 59																				24	26
/ 57																				17	22
5 / 55																				13	23
4/ 53																				11	24
2/ 51																				7	12
5 / 49																				5	11
3/ 47																					14
0/ 45																					12
4/ 43																					6
2/ 41																					8
1 / 39																					5
3 / 37																					8
/ 35																					5
3 0/ 33																					3
/ 29																					3
/ 27																					2
0/ 25																					1
TOTAL				2.4	4.0	7.3	10.1	20.6	24.3	18.6	9.7	2.8						247	247	247	247

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.	510838	10848	43.9	11.826	247							
Dry Bulb	1502631	19227	77.8	4.923	247			91.5	78.3	39.2		93
Wet Bulb	996310	15624	63.3	5.707	247			32.8	.8			93
Dew Point	724912	13178	53.4	9.422	247		2.3	2.6				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

2 [illegible] 4 | WILLIAMS AFB AZ | 69-70,73-8[illegible] | AUG

STATION | STATION NAME | YEARS | MONTH

 0600-08[illegible]

HOURS (L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
[illegible]/ 93												.3						2	2		
/ 91											.4	.1	.1					5	5		
/ 89									.1	.4	.9	1.4						22	22		
3/ 87								.1	1.0	2.4	2.4	1.0	.3					57	57		
6/ 85							.5	1.4	2.9	2.8	2.0	.6	.6	.4				89	89		
[illegible]/ 83						.4	1.5	3.3	3.1	2.6	1.9	.9	.5		.1			114	114		
/ 81				.1	.3	.5	2.6	2.9	3.1	2.9	1.1	.8	.4					117	117		
/ 79				.1	.9	1.3	2.8	2.5	3.4	1.5	1.5	.8	.8					123	123		
7 / 77				.3	1.0	1.3	1.3	2.0	2.1	1.8	1.5	.4		.1				93	93		
[illegible]/ 75				.3	.8	.8	.8	1.5	2.3	1.3	.6	.4						68	68	2	
4/ 73			.1	.1	.3	.1	.6	1.0	.9	1.0	.8							39	39	14	
/ 71				.3	.1	.1	.1	.8	.9	.8	.9							31	31	76	
/ 69					.3	.3		.4	1.1	.1	.4							20	20	118	
[illegible]/ 67					.3	.1	.3	.3	.1	.4	.3							13	13	148	
6/ 65					.1			.1		.1								3	3	102	
4/ 63							.1											1	1	88	
[illegible]/ 61						.1												1	1	77	
/ 59																				58	
[illegible]/ 57																				42	
5[illegible]/ 55																				33	
4/ 53																				22	
2/ 51																				12	
[illegible] / 49																				4	
[illegible] / 47																				2	
[illegible]/ 45																					
4/ 43																					
2/ 41																					
4 / 39																					
3 / 37																					
/ 35																					
3[illegible]/ 33																					
[illegible]/ 31																					
[illegible] / 29																					
[illegible] / 27																					

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOT
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb / Wet
/ 25																			
[illegible]			.1	1.1	3.9	4.9	10.5	16.2	21.1	17.9	14.5	6.5	2.6	.5	.1				798
																		798	7

					No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
[illegible]	[illegible]	3412	42.4	11.599	798			92.4	85.0	54.7	.2
[illegible]	[illegible]	[illegible]	87.1	5.186	798						
[illegible]	[illegible]	[illegible]	64.7	5.319	798			41.7	1.9		
[illegible]	[illegible]	[illegible]	50.2	8.881	798		1.6	3.3			

[redacted]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 — STATION
ILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
AUG — MONTH
PAGE 1
0900-1100 — 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				
[illegible]/105																	.2	2	2		
[illegible]/103																	.2	2	2		
2/101															.5	.2		7	7		
3/ 99														.4	.6	.3	.5	18	18		
3/ 97												.1	.4	1.7	1.1	1.2	.2	44	44		
3/ 95										.1	.1	.5	3.1	2.7	1.1	1.0	.5	85	85		
4/ 93										.2	1.4	3.6	3.9	3.0	2.0	.9	.5	144	144		
/ 91										1.6	4.2	5.2	2.6	2.9	1.5	1.0	1.0	185	185		
/ 89									.9	3.0	5.4	3.2	1.3	1.8	.9	.5	.2	160	160		
8/ 87								.5	2.4	2.2	2.4	2.0	1.5	1.4	.8	.3		125	125		
6/ 85						.1	.4	.9	2.0	1.3	1.1	1.1	.9	.6	.1	.1		80	80		
4/ 83						.2	.2	1.0	.4	.1	1.0		.8			.1		35	35		
/ 81					.1		.9	.2	.4	.2					.1			18	18		
/ 79					.2	.4	.2		.4	.1	.3		.1					17	17		
7 / 77					.1	.2		.2										5	5	1	
/ 75					.1													1	1	15	
4/ 73							.1											1	1	82	
/ 71																				227	2
/ 69																				216	6
/ 67																				127	21
6/ 65																				112	54
4/ 63																				69	9[illegible]
4/ 61																				43	100
/ 59																				29	134
/ 57																				5	109
5 / 55																				2	76
4/ 53																				1	79
2/ 51																					53
/ 49																					59
/ 47																					30
[illegible]/ 45																					33
4/ 43																					24
2/ 41																					12
/ 39																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
AUG — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
3 / 37																					16
/ 35																					12
3 / 33																					6
/ 31																					4
/ 29																					4
/ 25																					2
/ 23																					1
TAL					.5	1.0	1.8	2.8	6.6	8.8	15.8	15.7	14.5	14.6	8.7	5.6	3.4		929		929
																		929		929	

Element (X)	$\Sigma_n x'$	$\Sigma_n x$	$\bar{X}$	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.	1055406	29844	32.1	10.206	929							
Dry Bulb	7630009	84089	90.5	4.482	929			93.0	93.0	91.7	30.2	93
Wet Bulb	4368398	63606	68.5	3.811	929			66.9	9.8			93
Dew Point	2935538	51688	55.6	8.021	929		1.1	2.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] /107																	1.0	9	9		
[illegible] /105																.1	2.5	24	24		
1 [illegible] /103															.1	1.2	2.6	36	36		
2/101														.4	2.0	3.4	3.7	89	89		
[illegible] 9													1.4	2.7	4.5	3.0	5.7	161	161		
[illegible] 97												.6	4.1	5.7	3.7	3.0	4.8	204	204		
[illegible] 95										.1	.8	2.5	3.3	4.0	2.0	2.5	2.7	166	166		
[illegible] 93										.2	1.8	2.4	2.6	1.2	1.9	.8	1.2	112	112		
[illegible] 91										.3	1.5	1.3	1.2	.6	.4	.2	.4	56	56		
[illegible] 89									.4	1.1	1.1	.8	.1	.3	.1		.1	37	37		
8/ 87								.2	.4	.8	.4	.8						24	24		
6/ 85								.2	.1		.4	.1						8	8		
[illegible] 79						.1	.1											2	2		
7 [illegible] 77						.1												1	1	2	
[illegible] 75																				51	
4/ 73																				186	
[illegible] 71					.1													1	1	238	
[illegible] 69																				159	2
[illegible] 67																				122	13
6/ 65																				92	48
4/ 63																				54	63
[illegible] 61																				20	113
[illegible] 59																				3	109
[illegible] 57																				3	123
5 [illegible] 55																					84
4/ 53																					61
[illegible] 51																					54
5 [illegible] 49																					45
[illegible] 47																					57
[illegible] 45																					37
[illegible] 43																					31
[illegible] 41																					26
[illegible] 39																					18
3 [illegible] 37																					17

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | AUG 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
/ 35																					15
3 / 33																					7
/ 31																					4
/ 25																					2
/ 23																					1
TOTAL					.1	.2	.1	.4	1.0	2.5	6.0	8.4	12.7	14.9	14.8	14.2	24.6		930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	667958	23642	25.4	8.489	930							
Dry Bulb	8728634	90008	96.8	4.329	930			93.0	92.9	92.7	80.1	93
Wet Bulb	4553140	64992	69.9	3.480	930			75.8	23.9			93
Dew Point	2827054	50724	54.5	8.066	930		.7	1.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 /109																	1.0	9	9		
/107																	3.0	26	26		
/105																	5.2	45	45		
1 /103															.9	4.0	7.9	110	110		
2/101													.2	2.2	3.4	5.2	9.2	174	174		
8/ 99													.9	3.3	7.7	3.5	10.1	219	219		
8/ 97												.5	2.7	2.9	2.7	1.7	4.8	131	131		
5/ 95											.2	.8	2.3	1.3	.8	.7	1.3	64	64		
4/ 93											.5	1.2	.6	.6	.2	.6	.3	34	34		
/ 91										.1	.8	.3	.1	.3	.1		.3	19	19		
/ 89										.2	.6	.3	.2		.1			13	13		
8/ 87										.2	.3	.3						8	8		
6/ 85									.1		.1							2	2		
4/ 83								.1										1	1		
/ 79						.2												2	2		
7 / 77						.1												1	1	3	
5/ 75																				58	
4/ 73																				178	
2/ 71							.1											1	1	209	
/ 69						.1												1	1	145	
/ 67																				135	3
6/ 65																				74	27
4/ 63																				43	43
2/ 61																				10	72
/ 59																				2	110
/ 57																				3	99
5 2/ 55																					74
4/ 53																					67
2/ 51																					58
5 / 49																					49
2/ 47																					47
46/ 45																					46
4/ 43																					50
2/ 41																					45

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
AUG — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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				
4 / 39																					24
3 / 37																					16
/ 35																					12
3 / 33																					5
/ 31																					8
/ 25																					2
/ 23																					1
TAL						.5	.1	.1	.1	.6	2.6	3.5	7.1	10.6	15.9	15.7	43.3		860		860
																		860		860	

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.	465577	18871	21.9	7.742	860			93.0	92.8	92.6	87.8	93
Dry Bulb	8547422	85654	99.6	4.380	860			78.7	25.8			93
Wet Bulb	4237061	60293	70.1	3.417	860		1.2	.3				93
Dew Point	2459145	45451	52.9	8.150	860							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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
1 /109																	.3	2	2		
1 /107																	.7	5	5		
/105																	1.9	14	14		
1 /103																1.0	4.3	38	38		
2/101														.6	1.1	3.1	5.1	71	71		
2/ 99													.3	1.5	5.5	4.3	6.0	127	127		
3/ 97												.6	1.7	3.6	4.3	3.3	5.1	134	134		
6/ 95											.1	1.5	2.5	3.5	2.8	2.9	3.5	121	121		
4/ 93											.8	1.8	2.1	1.7	2.4	2.2	1.0	86	86		
/ 91										.1	1.4	.6	.8	1.8	1.0	.7	.7	51	51		
/ 89										.8	1.0	.4	.7	.4	.3	.3	.1	29	29		
8/ 87									.4	.4	.1	.1	.1	.3	.3			13	13		
6/ 85							.1	.3	.4		.4	.1			.1			11	11		
4/ 83						.1	.3	.1			.1		.1					6	6		
/ 81					.1		.4		.1									5	5		
/ 79								.1	.1									2	2		
8/ 75							.1	.1	.1									3	3	17	
4/ 73																				84	
/ 71								.1										1	1	175	
/ 69						.3												2	2	140	2
/ 67																				109	2
6/ 65																				103	23
4/ 63																				57	36
2/ 61																				22	48
/ 59																				11	60
/ 57																				3	89
5 / 55																					61
4/ 53																					60
2/ 51																					74
5 / 49																					41
8/ 47																					47
6/ 45																					48
4/ 43																					42
2/ 41																					26

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (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
4 / 39																					29
3 / 37																					8
?./ 35																					8
3 ?/ 33																					7
?/ 31																					7
/ 29																					1
/ 27																					1
?/ 23																					1
TOTAL					.1	.4	1.0	.8	1.2	1.4	4.0	5.1	8.3	13.3	17.8	17.8	28.7	721	721	721	721

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.	465552	17180	23.8	8.834	721							
Dry Bulb	6719824	69508	96.4	5.124	721			93.0	92.6	92.1	77.1	93
Wet Bulb	3422258	49606	68.8	3.591	721			67.7	13.0			93
Dew Point	2019816	37726	52.3	7.977	721		1.3	.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2[illegible]04 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
AUG — 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
1[illegible]0/ 99															.3		.3	2	2		
8/ 97													.5	.5	.5	1.6	.3	13	13		
6/ 95												.5	2.4	4.0	.5	.5		30	30		
[illegible]4/ 93												2.1	4.0	2.6	3.4	1.9	.3	54	54		
[illegible]/ 91										1.9	4.2	3.7	3.4	5.0	2.9	1.3	.5	87	87		
[illegible]/ 89									.3	1.6	1.6	3.2	3.4	3.4	1.1	.8	.5	60	60		
8/ 87									.5	1.1	1.1	1.6	3.7	4.0	.8	1.3		53	53		
6/ 85								.8	2.1		1.3	2.1	2.4	.5	.8	.3		39	39		
[illegible]4/ 83								.3			.3	.5	1.3	.3	.3			11	11		
[illegible]2/ 81						.8						.3	.3	.5				7	7		
[illegible]/ 79					.3	.5	.5	.8	.3		.3	.3						11	11		
7[illegible]/ 77					.8	.8	.5					.3						9	9		
[illegible]6/ 75							.3											1	1	2	
[illegible]4/ 73																				14	
[illegible]2/ 71																				62	
[illegible]/ 69						.3												1	1	67	
[illegible]/ 67																				58	9
[illegible]6/ 65																				63	12
[illegible]4/ 63																				56	19
[illegible]2/ 61																				26	27
[illegible]/ 59																				16	34
[illegible]8/ 57																				11	37
5[illegible]/ 55																				3	26
[illegible]4/ 53																					31
[illegible]2/ 51																					30
5[illegible]/ 49																					32
[illegible]4/ 47																					29
[illegible]6/ 45																					30
[illegible]4/ 43																					15
2/ 41																					12
[illegible]/ 39																					11
38/ 37																					6
[illegible]/ 35																					6
34/ 33																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | AUG (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
/ 31																					7
/ 29																					2
/ 27																					1
TAL					1.1	2.4	1.3	1.9	3.2	4.5	8.7	14.6	21.4	20.9	10.6	7.7	1.9		378		378
																		378		378	

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.	369409	11109	29.4	10.671	378							
Dry Bulb	3047772	33898	89.7	4.576	378			93.0	92.8	89.1	24.4	93
Wet Bulb	1689637	25225	66.7	4.089	378			49.9	3.9			93
Dew Point	1062158	19780	52.3	8.480	378		2.5	2.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]104 | WILLIAMS AFB AZ | 69-70,73-80 | AUG

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]1 /109																	.2	11	11		
1 /107																	.8	40	40		
1 [illegible]/105																.0	1.7	85	85		
1 4/103															.2	1.1	2.6	186	186		
2/101													.0	.6	1.3	2.1	3.1	341	341		
3/ 99													.5	1.4	3.2	1.9	3.9	527	527		
2/ 97												.3	1.6	2.5	2.1	1.7	2.6	526	526		
6/ 95										.0	.2	1.0	2.2	2.3	1.2	1.3	1.4	466	466		
4/ 93										.1	.8	1.8	2.0	1.4	1.4	.9	.6	432	432		
/ 91										.6	1.8	1.7	1.2	1.4	.8	.4	.5	403	403		
/ 89									.3	1.1	1.7	1.4	.7	.7	.3	.2	.1	322	322		
8/ 87								.2	.8	1.2	1.1	.9	.6	.6	.2	.2		283	283		
6/ 85						.0	.2	.5	1.2	.8	.8	.5	.5	.2	.1	.0		240	240		
4/ 83						.1	.4	.9	.8	.6	.6	.2	.3	.0	.0	.0		193	193		
/ 81				.0	.1	.2	.8	.7	.9	.6	.3	.1	.1	.0	.0			192	192		
/ 79				.0	.3	.5	.7	.7	.8	.3	.4	.1	.1					193	193		
7 / 77				.0	.3	.5	.3	.6	.5	.4	.3	.1		.0				140	140	6	
6/ 75				.1	.2	.2	.2	.4	.5	.4	.2	.1						110	110	145	
4/ 73			.0	.1	.1	.0	.2	.3	.2	.2	.2							58	58	560	
2/ 71				.1	.1	.0	.0	.2	.2	.2	.2	.0						50	50	999	6
[illegible]/ 69					.0	.1	.0	.1	.2	.1	.1	.0						36	36	880	19
6 [illegible]/ 67					.1	.0	.0	.0	.1	.1	.1							20	20	737	70
6/ 65					.0	.0		.1		.0								6	6	583	236
4/ 63							.0											2	2	395	331
2/ 61						.0												1	1	216	459
/ 59																				143	542
[illegible]/ 57																				84	566
5[illegible]/ 55																				51	424
[illegible]4/ 53																				34	379
[illegible]2/ 51																				19	335
5 / 49																				9	2[illegible]6
4[illegible]/ 47																				2	252
44/ 45																					249
[illegible]4/ 43																					194

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

2 [illegible]04 | WILLIAMS AFB AZ | 69-70,73-80 | AUG

STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew F
2/ 41																					1
/ 39																					1
/ 37																					
/ 35																					
3 / 33																					
/ 31																					
/ 29																					
/ 27																					
/ 25																					
/ 23																					
TAL			.0	.3	1.1	1.7	2.9	4.6	6.6	6.7	8.8	8.3	9.8	11.2	10.8	9.8	17.4	4863	4863	4863	48

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.	5074614	145306	29.9	12.278	4863							
Dry Bulb	41341154	446450	91.8	8.540	4863			742.6	726.4	665.2	399.9	7
Wet Bulb	22625898	330946	68.1	4.619	4863			509.0	108.8			7
Dew Point	14462721	262047	53.9	8.388	4863		10.6	14.5				7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMA

2?14 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | SEP MONTH

0300-0 HOURS (L. S

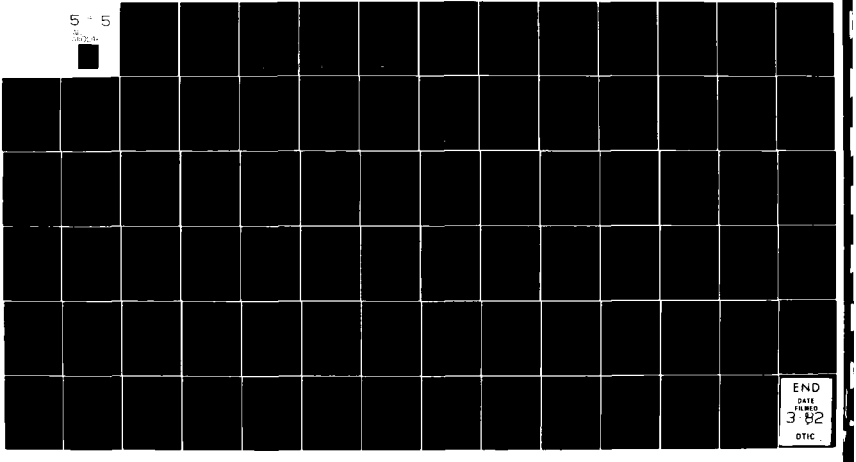
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
6/ 85										.4		.4						2	2		
4/ 83									.4	.4		.4						3	3		
/ 81								1.8	1.3	2.2		.4						13	13		
/ 79							1.8	3.6	.4	1.8	1.8							21	21		
7 / 77					.4		1.3	.9	2.7	1.3	1.3							18	18		
/ 75					.9	.9	.4	3.1	2.2	2.7	.4							24	24		
4/ 73					.9	.9	.4	2.7	2.2	1.8	2.7							26	26		
/ 71				.9		.9	2.2	2.2	1.3	2.2	.4							23	23		
/ 69			.9		.4	.4	1.8	1.8	2.7	3.6	.4							27	27	3	
/ 67		.4	1.3		.9	.9	2.2	1.3	2.7	.9	.4							25	25	12	
6/ 65				1.8	.4	1.3	1.8	1.8	.9	2.2	.4							24	24	22	
4/ 63				.4		.4			1.8	.4								7	7	20	
/ 61					.4	.4	.4	.9	1.3									8	8	24	
/ 59								.9	.4									3	3	32	
/ 57								.4										1	1	27	
5 / 55																				25	
4/ 53																				22	
/ 51																				13	
/ 49																				7	
/ 47																				12	
/ 45																				4	
4/ 43																				2	
2/ 41																					
/ 39																					
/ 37																					
/ 35																					
3 / 33																					
/ 31																					
/ 29																					
/ 27																					
/ 25																					
/ 23																					
2/ 21																					
/ 19																					

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tem
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A110 246 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS AFB, ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(U)
OCT 81

UNCLASSIFIED USAFETAC/DS-81/096 SBI-AD-E850 129 NL



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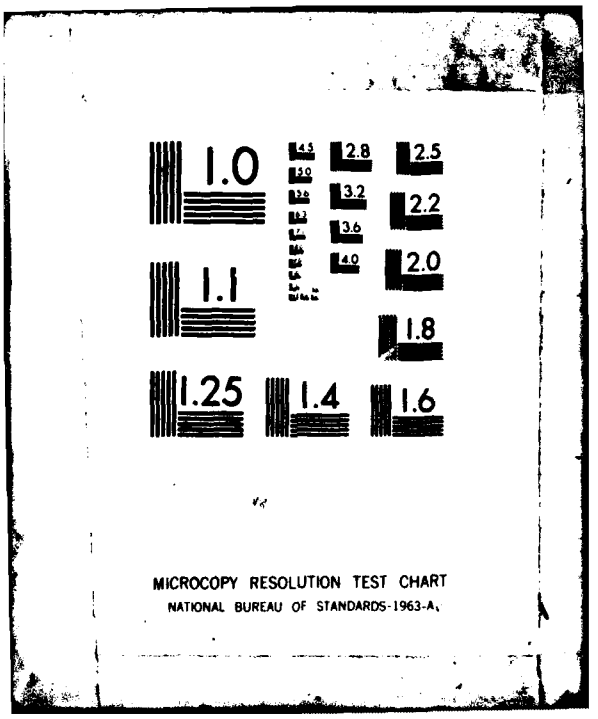
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 | 104 | WILLIAMS AFB AZ | 69-70,73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		.4	2.2	3.1	4.4	6.2	12.4	21.3	20.4	20.0	8.0	1.3						225	225	225	225

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.	442692	9492	42.2	13.735	225							
Dry Bulb	1176908	16220	72.1	5.834	225			72.8	42.8	10.8		90
Wet Bulb	766956	13070	58.1	5.876	225			6.0				90
Dew Point	513595	10517	46.7	9.912	225		8.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | 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
[illegible]4/ 93															.1			1	1		
[illegible] / 91													.1	.1				2	2		
[illegible] / 89											.3	.1	.1	.3				6	6		
8/ 87									.4	.1		.5						8	8		
6/ 85									1.0	.8	.4	.5	.1			.1		22	22		
4/ 83						.1		.3	.3	.8	1.9	.1	.8					32	32		
[illegible] / 81							.5	1.1	1.9	2.5	1.4	.3	.3					58	58		
[illegible] / 79						.1	.4	1.9	2.3	1.8	2.3	.3	.1	.1				69	69		
7 / 77					.3	.4	.5	2.3	2.6	1.6	1.0	.4						67	67		
6/ 75				.1	.7	.8	.1	2.0	2.3	2.3	2.0	.5						81	81		
[illegible]4/ 73				.8	.7	.7	1.1	2.0	2.3	3.0	1.0	.5						89	89	1	
[illegible]2/ 71			.4	.5	1.0	.8	1.5	1.9	1.4	1.9	.7							74	74	4	
[illegible] / 69			.5	.1	.4	.1	1.0	2.2	3.0	.7	1.0	.1						67	67	24	
6[illegible]/ 67		.1	.7	.3	1.2	1.2	1.5	1.2	1.0	1.4								63	63	52	5
6/ 65			.5	.7	.3	.7	1.1	.7	.4	.5	.1							37	37	72	12
4/ 63			.1	.3	.1	.1	1.0	.5	.8	.4								25	25	85	21
2/ 61				.3	.1	.1		.3	.8	.1								13	13	89	34
[illegible]0/ 59							.4	1.1	.7									16	16	95	34
[illegible]8/ 57							.3	.1	.1									4	4	86	36
56/ 55																				73	52
[illegible]4/ 53																				61	58
[illegible]2/ 51																				31	61
5[illegible] / 49																				19	58
48/ 47																				22	52
46/ 45																				18	54
[illegible]4/ 43																				2	58
[illegible]2/ 41																					38
[illegible] / 39																					31
36/ 37																					41
36/ 35																					15
34/ 33																					17
[illegible]2/ 31																					22
3[illegible]/ 29																					14
28/ 27																					7

Element (X)	$\Sigma_{\bar{x}}'$	Σ_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (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
[illegible] 25																					10
[illegible] 23																					3
[illegible] 19																					1
TOTAL		.1	2.3	3.1	4.8	5.3	9.4	17.7	21.3	18.0	12.0	3.5	1.6	.5	.1	.1		734	734	734	734

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.	1400203	30403	41.4	13.864	734							
Dry Bulb	4054011	54333	74.0	6.619	734			78.9	53.3	19.5	.1	90
Wet Bulb	2606412	43524	59.3	5.906	734			9.9	.1			90
Dew Point	1752544	35168	47.9	9.600	734		7.0	.6				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
SEP — MONTH

0900-1100 — 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				
2/ 101																	.1	1	1		
0/ 99															.1	.5	.7	11	11		
3/ 97														.3	.5	.2	.2	11	11		
6/ 95												.5	.3	.6	1.5	.5	.3	32	32		
4/ 93											.2	.2	1.1	1.3	.9	.6	.2	40	40		
/ 91											1.0	1.3	3.0	1.7	1.0	.3	.8	80	80		
/ 89									.1	1.3	2.2	2.9	2.3	2.2	1.1	.2	.5	111	111		
8/ 87								.2	.5	1.7	1.3	3.0	1.9	2.6	.7	.8	.1	112	112		
6/ 85								.2	.7	1.8	3.2	3.7	2.4	1.3	.6	.6		126	126		
4/ 83							.1	.2	1.0	1.8	2.1	1.8	1.5	1.1	.2	.1		88	88		
/ 81							.2	.8	1.1	1.9	2.4	1.6	.8	.9	.3			89	89		
/ 79						.2	.6	.9	1.1	.9	1.3	.7	.3	.3				56	56		
7 / 77					.1	.7	.6	.5	.8	.8	.9	.5	.6	.5				51	51		
6/ 75					.2	.3	.2	.3	.2	.3		.5	.2					21	21		
4/ 73			.1	.7	.3	.3	.1	.1	.1	.5	.1	.1	.1					23	23	16	
2/ 71			.2	.6	.1	.1	.1	.1	.1	.1		.1						14	14	46	
/ 69			.1	.2	.3	.2												8	8	86	
6/ 67																				161	5
6/ 65																				163	20
4/ 63																				125	37
2/ 61																				122	41
/ 59																				63	57
8/ 57																				48	68
6/ 55																				22	67
4/ 53																				17	94
2/ 51																				4	88
/ 49																				1	80
8/ 47																					49
6/ 45																					63
4/ 43																					53
2/ 41																					35
/ 39																					23
3/ 37																					18
6/ 35																					15

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | SEP (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
34/ 33																					14
32/ 31																					15
[illegible]/ 29																					15
[illegible]/ 27																					7
[illegible]/ 25																					7
[illegible]/ 23																					1
27/ 21																					1
/ 19																					1
TOTAL			.5	1.5	1.1	1.9	1.9	3.4	5.8	11.2	14.6	16.7	14.6	12.8	7.0	3.8	3.0	874	874	874	874

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.	1009737	27589	31.6	12.612	874							
Dry Bulb	6422209	74735	85.5	6.025	874			90.0	87.7	75.7	9.8	90
Wet Bulb	3646408	56322	64.4	4.403	874			31.8	1.6			90
Dew Point	2280110	43942	50.2	9.008	874		4.8	.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
SEP — 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
1 [illegible]/105																	.1	1	1		
1 [illegible]/103																	1.9	17	17		
[illegible] 2/101															.5	1.3	1.9	32	32		
[illegible] 0/ 99														.3	1.3	1.4	2.6	49	49		
[illegible]8/ 97													.5	1.4	2.5	2.2	2.7	81	81		
[illegible]6/ 95												.7	2.2	2.6	2.6	2.2	3.1	117	117		
[illegible]4/ 93											.3	1.5	1.7	4.1	3.1	2.9	2.7	141	141		
[illegible]/ 91										.1	.9	2.2	1.8	3.0	2.7	2.4	1.6	129	129		
[illegible]/ 89									.1	.3	1.5	2.7	2.3	2.6	1.9	1.7	.8	123	123		
[illegible]8/ 87									.2	.3	1.1	2.1	1.1	1.0	.6	.6	.1	63	63		
[illegible]6/ 85									.5	.8	.5	1.6	.3	.2	.3	.7		43	43		
[illegible]4/ 83							.1	.5	.3	.1	.8	.5	.1		.5	.1		26	26		
[illegible]/ 81						.1	.2	.3	.2	.3		.2	.1	.1	.1			16	16		
[illegible]/ 79						.6	.2		.1	.1	.1				.1			11	11		
7 [illegible]/ 77					.3	.2		.2	.1		.2							10	10		
[illegible]6/ 75					.2		.3	.3		.1								9	9	2	
[illegible]4/ 73			.1	.1	.1		.2											5	5	30	
[illegible]2/ 71					.1	.1												2	2	104	
[illegible] / 69					.1													1	1	136	
6[illegible]/ 67																				192	4
[illegible]6/ 65																				137	12
[illegible]4/ 63																				134	29
[illegible]2/ 61																				74	39
[illegible] / 59																				38	47
[illegible]8/ 57																				19	73
5[illegible]/ 55																				8	83
[illegible]4/ 53																				2	94
[illegible]2/ 51																					79
5[illegible]/ 49																					68
4[illegible]/ 47																					73
46/ 45																					53
[illegible]4/ 43																					49
[illegible]2/ 41																					37
4[illegible]/ 39																					30

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]104 | WILLIAMS AFB AZ | 69-70,73-80 | SEP
STATION | STATION NAME | YEARS | 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
3[illegible]/ 37																					30
[illegible]/ 35																					19
3[illegible]/ 33																					13
[illegible]/ 31																					18
[illegible]/ 29																					12
[illegible]/ 27																					8
[illegible]/ 25																					3
[illegible]/ 23																					3
TOTAL			.1	.1	.9	1.0	1.1	1.4	1.6	2.3	5.5	11.2	10.2	15.4	16.2	15.3	17.7	876	876	876	876

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.	654859	22101	25.2	10.543	876			90.0	89.7	86.8	45.0	90
Dry Bulb	7450586	80632	92.0	5.733	876			47.7	3.3			90
Wet Bulb	3872672	58144	66.4	3.913	876							90
Dew Point	2240935	43637	49.8	8.764	876		4.5	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 [illegible]/105																	2.0	16	16		
1 [illegible]/103															.1		4.0	33	33		
[illegible] 2/101														.1	1.0	1.5	2.3	39	39		
1 [illegible]/ 99														.8	1.9	2.1	4.0	70	70		
[illegible]/ 97													.4	2.1	3.3	3.3	6.1	121	121		
[illegible]/ 95												.1	1.4	2.1	2.9	2.6	7.1	130	130		
[illegible]/ 93												.9	1.6	2.0	3.9	3.1	4.1	125	125		
[illegible]/ 91											.1	1.4	2.6	1.9	1.9	1.9	2.3	96	96		
[illegible]/ 89											.8	1.1	1.5	1.0	.4	.5	1.0	50	50		
[illegible]/ 87										.5	.4	1.3	1.3	.4		1.4	.3	43	43		
[illegible]/ 85								.1	.6	.8	.4	.8	1.3	.3				33	33		
[illegible]/ 83							.3	.5		.1		.1			.4			11	11		
[illegible]/ 81									.1	.3	.1							4	4		
[illegible]/ 79						.3	.1	.1	.4	.3	.5	.1						14	14		
[illegible]/ 77						.3		.1	.1		.1							5	5		
[illegible]/ 75				.5			.1											5	5	3	
[illegible]/ 73					.1	.4												4	4	31	
[illegible]/ 71																				96	
[illegible]/ 69																				122	
[illegible]/ 67																				157	6
[illegible]/ 65																				145	1
[illegible]/ 63																				120	11
[illegible]/ 61																				76	38
[illegible]/ 59																				30	41
[illegible]/ 57																				15	61
[illegible]/ 55																				4	56
[illegible]/ 53																					75
[illegible]/ 51																					62
[illegible]/ 49																					77
[illegible]/ 47																					65
[illegible]/ 45																					58
[illegible]/ 43																					55
[illegible]/ 41																					49
[illegible]/ 39																					32

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
3 / 37																					17
/ 35																					24
3 / 33																					21
2/ 31																					33
/ 29																					8
/ 27																					4
/ 25																					5
TOTAL				.5	.1	.9	.5	.9	1.3	1.9	2.4	5.8	10.0	10.6	15.6	16.4	33.2		799		799
																		799		799	

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	477914	17960	22.5	9.643	799							
Dry Bulb	7097819	75167	94.1	5.750	799			90.0	90.0	87.3	60.2	90
Wet Bulb	3541639	53107	66.5	3.843	799			46.1	3.8			90
Dew Point	1936666	38714	48.5	8.733	799		5.6	.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
SEP — 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
1 [illegible]/105																	.2	1	1		
1 [illegible]/103																	1.4	9	9		
[illegible]2/101																.6	1.2	12	12		
1 [illegible]/ 99														.3	.9	.6	1.1	19	19		
[illegible]8/ 97													.2	.9	2.1	1.2	2.5	45	45		
[illegible]8/ 95												.2	.9	1.2	1.7	2.0	1.1	46	46		
[illegible]4/ 93											.2	1.5	1.1	3.8	2.1	1.4	1.8	78	78		
[illegible]/ 91											.5	1.1	2.3	2.1	2.6	2.0	1.1	76	76		
[illegible]/ 89									.2	.2	.2	1.7	2.6	3.4	2.0	1.7	.8	82	82		
8/ 87									.2	.5	2.1	1.5	1.8	2.5	1.2	.6	.3	70	70		
6/ 85									.6	.9	1.8	2.0	2.8	1.4	1.1	.6		73	73		
4/ 83									.3	1.4	.8	1.8	.8	.5	.5	.2		40	40		
[illegible]/ 81							.3	.5	.3	.5	.3	.5	1.2	.5	.6			30	30		
[illegible]/ 79						.2	.3		.5	.5	.5	.2	.8	.8	.2			24	24		
7[illegible]/ 77					.3	.3	.2		.6	.5		.2	.2					14	14		
6/ 75				.5	.2	.3	.9	.6		.2		.3						19	19		
[illegible]4/ 73				.2		1.1	.2	.2		.2								11	11	12	
[illegible]2/ 71					.2	.2	.2											3	3	41	
[illegible]/ 69																				80	
6[illegible]/ 67																				112	2
6/ 65																				104	9
[illegible]4/ 63																				111	11
[illegible]2/ 61																				87	20
[illegible]/ 59																				51	28
5[illegible]/ 57																				26	62
5[illegible]/ 55																				19	37
[illegible]4/ 53																				8	66
[illegible]2/ 51																				1	57
5[illegible]/ 49																					45
4[illegible]/ 47																					60
4[illegible]/ 45																					62
[illegible]4/ 43																					40
[illegible]2/ 41																					33
4[illegible]/ 39																					24

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | 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
3 / 37																					15
/ 35																					27
34/ 33																					15
2/ 31																					15
/ 29																					7
/ 27																					8
/ 25																					5
/ 23																					3
/ 19																					1
TOTAL				.6	.6	2.0	2.0	1.2	2.6	4.6	6.3	10.9	14.6	17.3	15.0	10.9	11.3		652		652
																		652		652	

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.	531328	17116	26.3	11.224	652							
Dry Bulb	5208097	58115	89.1	6.571	652			90.0	89.6	82.3	29.0	90
Wet Bulb	2746565	42225	64.8	4.289	652			33.8	1.7			90
Dew Point	1572802	31484	48.3	8.980	652		5.4	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMAR

2 [illegible] 4 | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | MONTH

 2100-230[illegible]

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
6/ 95														.3	.6	.3		4	4		
4/ 93														.3	1.3	.3		6	6		
/ 91											1.0	.6	1.6	1.0		.3		14	14		
/ 89										.6	1.0	1.9	2.3		.3	.3		20	20		
8/ 87										1.3	.6	3.2	2.3	.6	.3			26	26		
6/ 85								.6		1.0	2.6	4.2	2.6	.6				36	36		
4/ 83								.3	1.0	2.6	1.9	2.3	2.6	1.6	1.0	.3		42	42		
/ 81							.3	.6	1.6	1.9	2.9	2.3	1.3	.3	.3			36	36		
/ 79						1.0	1.0			1.6	3.2	1.9	1.3	1.6				36	36		
7 / 77						.3		1.3		.6	3.2	1.9	.3	1.3	.3			29	29		
6/ 75				.3	.6	.3	.3	1.0	1.6	.6	.3	.6	1.0	.6				23	23		
4/ 73				1.6	.3	1.6	.3	.6	.3	.6	.6		.6					21	21		
/ 71					1.0	1.0		.3			.3	.6						10	10	9	
/ 69					.3						.6							3	3	25	
/ 67				.3	.3	.3												3	3	36	
6/ 65																				44	1
4/ 63																				49	
2/ 61																				48	1
/ 59																				30	1
/ 57																				32	2
5 / 55																				10	2
4/ 53																				10	2
2/ 51																				10	2
5 / 49																				6	3
/ 47																					2
0/ 45																					1
4/ 43																					1
2/ 41																					1
/ 39																					1
3/ 37																					1
3/ 35																					
34/ 33																					
2/ 31																					
3 / 29																					

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
SEP — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 27																					3
/ 25																					5
/ 23																					5
2/ 21																					3
/ 19																					1
/ 17																					1
TOTAL				2.3	2.6	4.5	1.9	4.9	4.5	11.0	18.4	19.7	15.9	8.4	4.2	1.6		309	309	309	309

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.	391504	10152	32.9	13.719	309							
Dry Bulb	2086670	25328	82.0	5.865	309			90.0	85.3	59.1	2.9	9
Wet Bulb	1209572	19270	62.4	5.048	309			20.4				9
Dew Point	746540	14852	48.1	10.301	309		8.2					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 69-70,73-80 | SEP

STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 /105																	.4	18	18		
1 /103															.0		1.3	59	59		
2/101														.0	.3	.6	1.0	84	84		
/ 99														.2	.7	.8	1.5	149	149		
/ 97													.2	.9	1.5	1.2	2.0	258	258		
/ 95												.3	.9	1.2	1.6	1.3	2.1	329	329		
/ 93											.1	.7	1.0	2.0	1.9	1.5	1.6	391	391		
/ 91										.0	.5	1.1	1.9	1.7	1.5	1.2	1.0	397	397		
/ 89									.1	.4	1.0	1.7	1.7	1.7	1.0	.7	.5	392	392		
/ 87								.0	.2	.7	.9	1.7	1.3	1.2	.4	.6	.1	322	322		
/ 85							.1	.3	.6	1.0	1.3	1.9	1.4	.6	.3	.4		335	335		
/ 83						.0	.1	.3	.4	.9	1.1	.9	.7	.4	.3	.1		242	242		
/ 81						.0	.2	.6	.8	1.2	1.0	.6	.5	.3	.2			246	246		
/ 79						.3	.4	.7	.8	.8	1.1	.4	.3	.3	.0			231	231		
/ 77					.2	.4	.3	.7	.9	.6	.7	.3	.2	.2	.0			194	194		
/ 75				.2	.3	.3	.3	.8	.6	.7	.4	.3	.1	.0				182	182	5	
/ 73			.0	.4	.3	.6	.3	.6	.5	.7	.4	.1	.1					179	179	90	
/ 71			.1	.2	.3	.3	.4	.5	.3	.4	.2	.1						126	126	300	
/ 69			.2	.1	.2	.1	.2	.4	.6	.3	.2	.0						106	106	476	
/ 67		.0	.2	.1	.3	.3	.4	.3	.3	.3	.0							91	91	722	22
/ 65			.1	.2	.1	.2	.3	.2	.1	.2	.0							61	61	687	66
/ 63			.0	.1	.0	.0	.2	.1	.2	.1								32	32	644	123
/ 61				.0	.0	.0	.0	.1	.2	.0								21	21	520	191
/ 59							.1	.2	.1									19	19	339	234
/ 57							.0	.0	.0									5	5	253	331
/ 55																				161	335
/ 53																				120	420
/ 51																				59	392
/ 49																				33	382
/ 47																				34	340
/ 45																				22	321
/ 43																				4	290
/ 41																					225
/ 39																					163

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
SEP — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 37																					138
/ 35																					120
3 / 33																					90
/ 31																					114
/ 29																					64
/ 27																					42
/ 25																					39
/ 23																					16
/ 21																					5
/ 19																					5
/ 17																					1
TOTAL		.0	.6	1.3	1.7	2.5	3.3	5.6	6.9	8.4	8.9	10.1	10.1	10.6	9.8	8.4	11.6		4469		4469
																		4469		4469	

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.	4908237	134813	30.2	13.723	4469							
Dry Bulb	33496298	384530	86.0	9.578	4469			697.8	645.7	538.1	207.5	720
Wet Bulb	18390224	285662	63.9	5.404	4469			256.6	15.3			720
Dew Point	11043192	218314	48.9	9.203	4469		46.1	3.5				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 1?4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 77					.4			.4	.4	.4	.4							5	5		
6/ 75							.4											1	1		
4/ 73								1.3	.9	1.3								8	8		
/ 71								.4	.4		.4							3	3		
/ 69		.4			.4	.4	.4		1.3	1.7	.4							12	12	1	
/ 67				.4	.9	.4	1.7	.4	1.7	2.1								18	18	1	1
6/ 65			.9	.4	.4	.4	1.7	.9	2.6	2.6								23	23		1
4/ 63						.9	3.4	.9	1.3	1.3								18	18	5	
/ 61			.4	.4	1.7	1.3	2.6	.4	2.6	.4								23	23	3	1
/59					.9	.9	2.6	4.7	.9		.4							24	24	9	1
/57			.4		.9	2.1	.9	4.3	.4									21	21	9	2
/ 55		.4	1.3	.9		.9	1.3	3.0	.9									20	20	9	4
4/ 53		.4	.4	.4	.4	.4	3.0	2.6	.4									19	19	23	7
/51		.4	.9	.4		1.7	.4	.4										10	10	23	3
/ 49					.9	1.3		.4										6	6	29	7
/47		.4			.4	1.7	1.7	.4										11	11	24	8
/ 45					.4		2.1											6	6	24	11
4/ 43		.4			.4	.9												4	4	18	17
2/ 41							.4											1	1	22	11
/ 39						.9												2	2	14	18
/37																				8	11
/35																				5	12
/33																				5	13
2/ 31																				1	13
/ 29																				2	22
/27																					17
/25																					18
/23																					6
2/ 21																					10
/ 19																					2
/17																					5
/15																					4
/13																					6
/11																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2[illegible]104 | WILLIAMS AFB AZ | 69-70,73-80 | OCT
STATION | STATION NAME | YEARS | 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
/ 9																					2
/ 7																					1
TOTAL		2.6	4.3	3.0	8.1	14.0	22.6	20.4	13.6	9.8	1.7							235	235	235	235

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	465120	9768	41.6	15.893	235							
Dry Bulb	852345	14031	59.7	7.900	235			18.6	5.5			93
Wet Bulb	551485	11259	47.9	7.179	235		1.2	.8				93
Dew Point	314577	8171	34.8	11.333	235		42.3	.4				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — 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
4/ 83										.1								1	1		
/ 81										.1		.1						2	2		
/ 79								.3	.5	.4	.4	.3						14	14		
7 / 77										.4	.4	.1						7	7		
/ 75				.1	.1		.5	.7	.4	.5	.4	.3						23	23		
4/ 73			.3				.1	.8	1.0	.5	1.0	.1						30	30		
/ 71			.1		.1	.3		.5	.7	1.4	1.0	.1						33	33	1	
/ 69		.4		.1		.4	.4	.4	1.6	1.3	.8							41	41	2	2
/ 67			.1	.1	.5	.5	1.4	1.4	1.4	1.2	.3							54	54	5	5
6/ 65			.7	.4	.5	.4	1.7	1.3	2.1	1.4	.1							66	66	4	
4/ 63		.3	.3	.5	.4	.7	1.2	.9	1.7	1.3	.1							56	56	12	1
/ 61		.1	.3	.3	.1	1.4	1.8	1.7	1.6	.3								58	58	20	2
/ 59			.3	.3	1.3	1.7	2.1	1.7	2.0	.1								72	72	35	7
/ 57			.4	.3	.5	1.2	1.4	3.6	1.0	.3								67	67	37	6
5 / 55			.7	.4	.7	1.7	2.5	2.3	.3									65	65	51	18
4/ 53		.4	1.0	.7	.4	1.0	1.6	1.2	.8									54	54	62	20
/ 51		.3	1.1		.1	.7	1.2	.8	.3									33	33	90	13
/ 49			.5	.1	.5	1.3	1.0	.1										28	28	77	23
/ 47		.3			1.2	.9	.5	.5										26	26	78	27
/ 45		.1			.4	.7	.4											12	12	75	53
4/ 43		.3		.3	.4	.3	.8											15	15	74	45
2/ 41					.1	.4	.3											6	6	41	43
/ 39						.4												3	3	37	55
/ 37						.3												2	2	31	38
/ 35				.1														1	1	14	38
3 +/ 33																				9	51
2/ 31																				7	51
/ 29																				6	54
/ 27																				1	60
/ 25																					38
4/ 23																					35
2/ 21																					20
/ 19																					19
/ 17																					10

Element (X)	$\Sigma_{\bar{X}'}$	$\Sigma_{\bar{X}}$	$\bar{X}$	$\sigma_{\bar{X}}$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]04 | WILLIAMS AFB AZ | 69-70,73-80 | OCT

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 15																					10
[illegible] / 13																					12
1 / 11																					7
/ 9																					6
TOTAL		2.1	5.6	3.6	7.4	14.0	18.9	18.2	15.2	9.4	4.6	1.0						769	769		769
																		769		769	

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.	1521394	31886	41.5	16.108	769							
Dry Bulb	2903185	46773	60.8	8.713	769			24.8	9.3	.8		93
Wet Bulb	1870250	37486	48.7	7.478	769		1.7	1.0				93
Dew Point	1076339	27429	35.7	11.296	769		38.9	.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 95																	.2	2	2		
4/ 93														.2	.1	.1	.1	5	5		
2/ 91													.1		.4	.2	.2	9	9		
/ 89											.1	.2	.7	.7	1.1	.4	.2	31	31		
8/ 87										.1	.3	.4	1.1	1.0	1.1	.3		40	40		
6/ 85									.2	.1	.4	.8	1.7	1.8	.8	.2		54	54		
4/ 83									.3	.2	.4	.6	1.4	1.3	.3			42	42		
/ 81							.1	.1	.6	.7	.9	1.3	2.0	.4	.3			58	58		
/ 79					.1	.1		.4	.3	.2	1.2	1.9	1.3	.7	.3			60	60		
7/ 77				.1	.2	.1	.3	.3	.2	.9	1.8	1.9	1.4	.6				71	71		
6/ 75						.1	.3	.3	1.0	1.9	1.4	2.2	.9	.3				77	77		
4/ 73			.2	.2	.2	.7	.2	.8	1.3	1.4	1.6	.9	.9	.1				77	77		
2/ 71				.1	.1	.2	.7	.4	.9	1.2	1.7	1.7						63	63	4	
/ 69				.2	.2	.2	.2	1.7	.9	.9	2.4	.6	.1					67	67	11	1
7/ 67			.3		.4	.3	.1	.6	1.0	1.1	.7	.6	.1					47	47	19	6
6/ 65			.2	.2	.2	.7	.6	.6	1.7	1.9	.7	.1						61	61	40	3
4/ 63					.4	.7	.3	.4	2.0	.8	.4	.1						47	47	58	1
2/ 61				.1	.3	.4		.8	.8	.8	.1							30	30	87	8
0/ 59				.6	.7		.4	.7	.6	.2								28	28	104	21
8/ 57		.1		.1	.2		.8	.3	.4	.2								20	20	119	15
6/ 55			.1	.3		.1	.1		.1									7	7	107	17
4/ 53								.2	.1									3	3	81	29
2/ 51			.4															4	4	72	33
0/ 49																				83	33
8/ 47																				55	48
6/ 45																				34	73
4/ 43																				19	78
2/ 41																				5	58
0/ 39																				4	64
8/ 37																				1	57
6/ 35																					58
4/ 33																					59
2/ 31																					61
/ 29																					36

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFGWC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 2104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70, 73-80 — 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
/ 27																					37
/ 25																					32
/ 23																					20
2/ 21																					20
/ 19																					14
/ 17																					9
/ 15																					5
/ 13																					3
1 / 11																					3
/ 9																					1
TOTAL		.1	1.3	2.0	3.2	3.7	4.2	7.6	12.4	12.6	14.2	13.2	11.7	7.1	4.5	1.3	.8	903	903	903	903

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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	1052996	27916	30.9	14.513	903							
Dry Bulb	5058453	67101	74.3	8.950	903			72.4	56.2	28.2	.7	93
Wet Bulb	2855928	50470	55.9	6.237	903			3.5				93
Dew Point	1504630	35588	39.4	10.638	903		24.8	.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1?4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
1/ 99																	.3	3	3		
3/ 97															.1	.2	1.3	15	15		
6/ 95														.3	.6	.8	2.2	35	35		
4/ 93													.4	.8	1.4	1.6	2.8	63	63		
1/ 91												.3	.2	1.0	1.3	2.3	1.7	62	62		
/ 89											.4	.9	.3	1.0	3.5	.8	.9	71	71		
8/ 87										.4	.4	.4	.6	1.9	1.6	1.4	.3	64	64		
6/ 85										.6		.6	1.3	2.1	.4	1.4	.2	60	60		
4/ 83									.2	.3	.8	1.0	2.0	1.8	.7	.7		67	67		
1/ 81						.1			.1	.2	1.0	1.8	1.2	1.3	1.4	.3		68	68		
/ 79						.2	.1		.1	.9	2.4	1.7	1.6	1.1	1.0			82	82		
7 / 77					.2	.1	.1	.3	.2	.4	1.8	.8	1.3	1.1				58	58		
5/ 75					.2		.3	.6	.7	1.3	.2	.8	1.1	.8				54	54		
4/ 73					.3	.2		.4	.3	.7	.2	1.6	1.3	.2				48	48		
/ 71				.1	.1		.1	.8	.8	.4	.4	1.1	.4					39	39	3	
/ 69				.1	.2		.7	.3	.1	.9	1.1	1.0	.2					42	42	29	
/ 67				.1	.2	.4	.2		.3	1.1	.2	.8						31	31	46	1
6/ 65			.1	.1	.1	.1	.1	.1	.8	.1	.2	.1						17	17	48	5
4/ 63					.1	.2	.1	.2	.3		.1							10	10	99	4
1/ 61					.1	.2	.2	.3										8	8	143	4
/ 59					.1	.1	.1											3	3	141	17
/ 57																				111	12
5/ 55				.1	.1													2	2	73	28
4/ 53			.1															1	1	61	27
2/ 51																				66	27
/ 49																				49	42
/ 47																				25	43
/ 45																				9	72
4/ 43																					77
2/ 41																					77
/ 39																					64
3 / 37																					53
3 / 35																					71
3 / 33																					48

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 31																					46
/ 29																					30
/ 27																					45
/ 25																					31
/ 23																					26
2/ 21																					26
/ 19																					10
/ 17																					8
/ 15																					5
/ 13																					3
/ 11																					1
TOTAL			.2	.6	1.9	1.8	2.1	3.1	4.0	7.4	9.4	12.7	12.1	13.4	12.1	9.5	9.7		903		903
																		903		903	

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.	666128	21866	24.2	12.308	903							
Dry Bulb	6121693	73917	81.9	8.876	903			88.8	77.2	57.1	11.9	93
Wet Bulb	3147699	53081	58.8	5.516	903			8.0				93
Dew Point	1495911	35545	39.4	10.354	903		23.8	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]04 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 [illegible]/103																	.1	1	1		
[illegible]/101																	.5	4	4		
[illegible]/ 99																.4	.6	8	8		
[illegible]/ 97																.7	1.6	19	19		
[illegible]/ 95														.5	.5	1.5	4.6	58	58		
[illegible]/ 93													.5	.2	.7	2.2	4.9	70	70		
[illegible]/ 91											.1	.4	.4	.9	1.6	1.8	2.0	58	58		
[illegible]/ 89												.6	.1	1.2	2.9	1.3	2.2	69	69		
[illegible]8/ 87											.1		.5	1.3	1.1	1.6	.5	42	42		
[illegible]6/ 85										.6		.7	1.0	2.3	1.6	1.8		66	66		
[illegible]4/ 83										.2	.7	.7	1.3	1.8	2.7	.6		67	67		
[illegible]2/ 81							.4	.2	.1	.6	.7	2.4	1.3	1.7	1.3	.1		74	74		
[illegible]/ 79									.1		2.0	1.1	.7	.7	.6			43	43		
7[illegible]/ 77								.4	.1	.5	.9	.6	1.0	2.3	.2			49	49		
[illegible]6/ 75					.4		.2	.1	.9	1.1	.2	.1	1.1	.7				40	40		
[illegible]4/ 73				.2		.2		.2	.2	.5	1.0	.5	1.6	.9				44	44		
[illegible]2/ 71								1.0	.5	.2	1.1	.2	.6					30	30	1	
[illegible]/ 69					.1	.5	.4	.2		.4	.?	.9	.2					29	29	21	
[illegible]8/ 67				.2	.1		.2		.5	.6	.1	.5						19	19	39	
[illegible]6/ 65			.1	.1		.1	.1	.1	.9	.2								14	14	45	5
[illegible]4/ 63			.1		.1		.5	.1	.1									8	8	105	3
[illegible]2/ 61					.1		.2	.1										4	4	130	1
[illegible]/ 59																				128	8
[illegible]8/ 57					.2	.1												3	3	105	16
5[illegible]/ 55				.1														1	1	79	18
[illegible]4/ 53																				45	10
[illegible]2/ 51																				63	19
5[illegible]/ 49																				43	33
4[illegible]/ 47																				10	49
[illegible]6/ 45																				6	57
[illegible]4/ 43																					64
[illegible]2/ 41																					67
4[illegible]/ 39																					70
3[illegible]/ 37																					51

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 | 1034 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | OCT (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
[illegible] / 35																					45
3[illegible] / 33																					69
[illegible]2 / 31																					51
[illegible] / 29																					35
[illegible] / 27																					44
[illegible] / 25																					27
[illegible] / 23																					36
2[illegible] / 21																					10
[illegible] / 19																					17
[illegible] / 17																					5
1[illegible] / 15																					7
[illegible]1 / 13																					3
1[illegible] / 11																					1
TOTAL			.2	.7	1.1	1.0	2.1	2.6	3.4	5.0	7.8	8.8	10.4	14.6	13.3	12.1	17.0		820		820
																		820		820	

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.	510790	18066	22.0	11.734	820							
Dry Bulb	5788644	68498	83.5	9.026	820			89.6	80.8	63.7	18.1	93
Wet Bulb	2874979	48363	59.0	5.249	820			6.9				93
Dew Point	1281191	31373	38.3	9.937	820		26.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — 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 Poin
[illegible]/ 99																	.3	2	2		
3/ 97																.1		1	1		
5/ 95															.1	.4	.4	7	7		
4/ 93															.1	.3	.6	7	7		
/ 91												.1	.6	.6	1.2	.4	.6	24	24		
/ 89												.7	.6	.6	.7	.6	.4	25	25		
8/ 87											.6	.1	.6	2.2	1.9	.3		39	39		
6/ 85										.4	.3		.9	2.4	.9	.4		36	36		
4/ 83										.3		.3	1.5	1.9	1.0	.1		35	35		
/ 81									.1	.1	.4	1.3	2.1	1.0	.9			41	41		
/ 79						.1	.3			.7	1.5	2.5	2.9	1.8	.3			69	69		
7 / 77						.3	.1	.1	.4	.3	2.5	.9	1.2	.4				43	43		
[illegible]/ 75				.3	.1		.1	.1	.9	1.3	1.3	2.8	1.3	.4				60	60		
4/ 73							.4	.3	1.5	2.1	1.8	1.8	1.6					64	64		
/ 71		.1	.1			.3		.6	1.5	.7	1.6	1.0	.6					45	45	2	
/ 69					.7	.1	.1	.4	1.0	.6	2.4	1.2	.3					47	47	8	
/ 67					.3	.1	.4	.6	1.0	1.3	1.3	.6						39	39	22	4
6/ 65				.3		.4	.3	.3	.1	.7	.9							21	21	22	1
4/ 63			.1	.1	.3	.3	.1		.7	.4	.7							20	20	30	2
/ 61				.3	.1	.1	.1	.7	.9	.4	.1							20	20	64	4
/ 59				.3	.4	.3	.1	.7		.7								18	18	80	
/ 57				.1	.1		.1	.4	.1	.1								8	8	110	12
5/ 55				.6			.1		.4									8	8	86	17
4/ 53								.1										1	1	75	11
/ 51																				52	17
5 / 49																				56	19
[illegible]/ 47																				30	31
[illegible]/ 45																				24	56
4/ 43																				11	42
2/ 41																				5	53
[illegible]/ 39																				3	56
3[illegible]/ 37																					50
[illegible]/ 35																					51
3[illegible]/ 33																					52

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | OCT
STATION | STATION NAME | YEARS | 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
[illegible]/ 31																					48
[illegible]/ 29																					35
[illegible]/ 27																					23
[illegible]/ 25																					24
[illegible]/ 23																					15
[illegible]/ 21																					18
[illegible]/ 19																					16
[illegible]/ 17																					12
[illegible]/ 15																					5
[illegible]/ 13																					6
TOTAL		.1	.3	2.1	2.2	2.2	2.6	4.6	8.8	10.4	15.4	13.4	14.1	11.3	7.2	2.8	2.4	680	680	680	680

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.	612493	18377	27.0	13.062	680							
Dry Bulb	4015276	51888	76.3	9.075	680			79.9	62.0	34.1	2.3	93
Wet Bulb	2159308	38104	56.3	5.925	680			4.4				93
Dew Point	1037329	25645	37.7	10.166	680		27.6	.5				93

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMAR

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — MONTH

2100-230 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
8/ 87											.3							1	1		
6/ 85											.3		.3	.3				3	3		
4/ 83											.3	.3	.6	.3	.3			6	6		
2/ 81									.3	1.3	.3	1.3	1.0					13	13		
/ 79										.3	.6	1.3	.6					9	9		
7 / 77								.3			.3	1.0	1.6					10	10		
6/ 75					.3	.3		1.0		.3	1.3	.6	.6					14	14		
4/ 73			.6		.3			1.0	1.3	1.0	1.6	1.6	1.0					26	26		
2/ 71				.3		.3		1.3	1.6	1.3	3.2	1.3						29	29		
/ 69					.6		.3	1.0	1.6	1.6	1.3	.3	.3					22	22	2	
6/ 67					.6	.6	.6	2.9	1.9	2.9	2.2	1.0						40	40	3	
6/ 65							.6	1.3	2.2	3.8	.6	.3						28	28	6	
4/ 63				.3	.3		1.0	.6	.6	1.6	.6							16	16	6	
2/ 61				.6		.3	.6	.6	3.2	1.0								20	20	12	
/ 59				1.3	.6	.3	1.0	1.3	1.9	.6								22	22	17	
/ 57			.6	.3	.6	.3	.6	1.3	2.2	.3								19	19	18	
5 / 55					.6	.3	1.9	1.0	1.9	.3								19	19	27	
4/ 53			.3					1.0	.3									5	5	43	
2/ 51			.6			1.3	.3	.6										9	9	40	
5 / 49			.3															1	1	33	
47																				34	1
45																				24	1
4/ 43																				22	1
2/ 41																				13	1
/ 39																				10	2
3 / 37																				2	1
35																					2
34/ 33																					2
32/ 31																					2
/ 29																					2
28/ 27																					2
26/ 25																					1
24/ 23																					1
2/ 21																					

Element (X)	$\Sigma_{\text{all}} X'$	$\Sigma_{\text{all}} X$	$\bar{X}$	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) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
OCT — 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
/ 19																					10
/ 17																					8
/ 15																					8
/ 13																					2
/ 11																					1
TOTAL			2.6	2.9	4.2	3.8	7.1	14.7	19.2	16.3	13.1	9.0	6.1	.6	.3				312		312
																		312		312	

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.	409404	10344	33.2	14.618	312							
Dry Bulb	1429934	20966	67.2	8.174	312			51.6	24.4	8.3		93
Wet Bulb	838996	16054	51.5	6.449	312			1.5				93
Dew Point	426074	11024	35.3	10.842	312		40.5	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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
1 /173																	.0	1	1		
2/101																	.1	4	4		
0/ 99																.1	.2	13	13		
8/ 97															.0	.2	.5	35	35		
6/ 95														.2	.2	.5	1.4	102	102		
4/ 93													.2	.2	.5	.8	1.5	145	145		
/ 91											.0	.2	.2	.4	.8	.9	.8	153	153		
/ 89											.1	.4	.3	.6	1.5	.6	.7	196	196		
8/ 87										.1	.3	.2	.5	1.1	1.0	.7	.2	186	186		
6/ 85									.0	.3	.2	.4	.9	1.5	.6	.7	.0	219	219		
4/ 83									.1	.2	.4	.5	1.2	1.2	.8	.3		218	218		
2/ 81						.0	.1	.1	.2	.4	.6	1.3	1.2	.8	.7	.1		256	256		
/ 79					.0	.1	.1	.1	.2	.4	1.4	1.4	1.2	.7	.4			277	277		
7 / 77				.0	.1	.1	.1	.3	.2	.5	1.3	.8	1.0	.8	.0			243	243		
6/ 75				.1	.2	.0	.3	.4	.7	1.1	.7	1.1	.8	.4				269	269		
4/ 73			.1	.1	.1	.2	.1	.6	.9	1.0	1.1	1.0	1.0	.2				297	297		
2/ 71		.0	.0	.1	.1	.2	.2	.7	.9	.8	1.3	.8	.3					242	242	11	
/ 69		.1		.1	.3	.2	.4	.6	.8	.9	1.4	.6	.2					260	260	74	3
8/ 67			.1	.1	.4	.3	.5	.6	1.0	1.2	.6	.5	.0					248	248	135	19
6/ 65			.2	.2	.2	.3	.6	.5	1.3	1.2	.4	.1						230	230	165	15
4/ 63		.0	.1	.1	.3	.4	.6	.4	1.0	.6	.3	.0						175	175	315	11
2/ 61		.0	.1	.2	.2	.5	.6	.7	.9	.3	.0							163	163	459	24
0/ 59			.0	.3	.5	.4	.7	.8	.6	.2	.0							167	167	514	54
8/ 57		.0	.1	.1	.3	.3	.5	1.0	.5	.1								138	138	509	65
56/ 55		.0	.2	.3	.2	.4	.6	.6	.3	.0								122	122	432	109
4/ 53		.1	.2	.1	.1	.2	.4	.5	.2									83	83	390	110
2/ 51		.1	.3	.0	.0	.3	.2	.2	.0									56	56	406	120
50/ 49			.1	.0	.1	.3	.2	.0										35	35	370	164
48/ 47		.1			.2	.2	.2	.1										37	37	256	216
46/ 45		.0			.1	.1	.2											18	18	196	339
44/ 43		.1		.0	.1	.1	.1											19	19	144	338
42/ 41					.0	.1	.1											7	7	86	328
40/ 39						.1												5	5	68	353
38/ 37						.0												2	2	42	271

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (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
[illegible] / 35				.0														1	1	19	297
3[illegible] / 33																				14	312
[illegible] / 31																				8	298
[illegible] / 29																				8	232
[illegible] / 27																				1	248
[illegible] / 25																					189
[illegible] / 23																					152
2[illegible] / 21																					108
[illegible] / 19																					88
[illegible] / 17																					57
1[illegible] / 15																					44
[illegible] / 13																					34
1 [illegible] / 11																					14
[illegible] / 9																					9
[illegible] / 7																					1
TOTAL		.5	1.7	1.9	3.4	4.9	6.8	8.3	9.6	9.5	10.0	9.4	9.0	8.3	6.7	4.7	5.4		4622		4622
																		4622		4622	

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.	5238325	138223	29.9	15.462	4622							
Dry Bulb	26169530	343176	74.2	12.213	4622			541.5	420.8	269.5	48.3	744
Wet Bulb	14298345	254817	55.1	7.355	4622		2.7	35.4				744
Dew Point	7136051	174781	37.8	10.676	4622		237.3	3.5				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2[illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 67							.5											1	1		
6/ 65							.5											1	1		
4/ 63						.5	.5											2	2		
[illegible]/ 61								.9		.5								3	3		
[illegible]/ 59					.5	.9		1.4	.5									7	7		
[illegible]/ 57			.9			.5	1.4	1.4	1.4									12	12		
5[illegible]/ 55					.9	.9	2.3	.9	.9									13	13	2	
4/ 53		.9	1.8	1.4	.5	1.4	1.4	1.8	.5									21	21	3	1
[illegible]/ 51	.5			.9	.9	2.3	3.7	1.4										21	21	7	4
[illegible]/ 49			1.8	2.3	3.2	3.2	2.8	1.4										32	32	5	1
[illegible]/ 47		.9	.5	1.4	6.0	.9	3.7	1.8	.9									35	35	10	2
[illegible]/ 45		.9	1.4	1.8	.9	3.7	1.4	.5										23	23	20	5
[illegible]/ 43			.9	.5	.5	1.4	.9											9	9	24	5
2/ 41		.5	1.4	.5	2.8	2.3	.9											18	18	27	8
4[illegible]/ 39				.5	.5	2.3												7	7	39	12
3[illegible]/ 37		.9	.5	.5	.5	1.4												8	8	19	5
[illegible]/ 35		.5	.5	.5	.5													4	4	20	16
3[illegible]/ 33		.5																1	1	19	6
2/ 31																				13	18
[illegible]/ 29																				7	23
[illegible]/ 27																				3	15
[illegible]/ 25																					9
24/ 23																					7
2/ 21																					11
[illegible]/ 19																					24
[illegible]/ 17																					10
16/ 15																					5
4/ 13																					8
12/ 11																					12
/ 9																					6
8/ 7																					3
[illegible]/ 1																					1
[illegible]/ -1																					1

Element (X)	Σ_{π}'	Σ_{π}	$\bar{x}$	σ_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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 [illegible]04 | WILLIAMS AFB AZ | 69-70,73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	5.0	9.6	10.1	17.4	21.6	19.7	11.5	4.1	.5								218	218	218	218

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.	543643	10075	46.2	18.962	218							
Dry Bulb	529596	10656	48.9	6.269	218			.4				90
Wet Bulb	356335	8721	40.0	5.861	218		9.5					90
Dew Point	187854	5946	27.3	10.878	218	.4	63.2					90

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — 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
/ 69								.1										1	1		
/ 67							.5	.1										5	5		
6/ 65						.3				.1								3	3		
4/ 63						.3		.7	.4	.3								12	12		
/ 61						.3	.1	.5	.3									9	9		
/ 59			.5	.3	.1	.1	.8	1.0	.4	.1								25	25		
/ 57		.3	.1	.3	.5	1.0	.7	1.1	.5	.1								34	34	4	
5 / 55			.3	.3	.1	.7	1.8	2.2	.3									41	41	9	
4/ 53		.4	.7	1.6	2.3	1.1	2.3	2.2	.3	.1								81	81	6	6
/ 51	.1	.3	.3	.7	1.9	2.2	2.6	1.6	.3									73	73	18	2
/ 49	.1	.5	.7	1.5	3.2	1.8	1.9	1.4	.3									83	83	22	12
/ 47		.7	1.8	1.4	4.7	2.5	3.2	.7										108	108	43	12
/ 45		.5	1.6	1.2	2.6	2.3	2.3	.4										81	81	59	10
4/ 43		.3	.8	.1	.3	2.3	1.5	.1										40	40	94	18
2/ 41		.5	.7	.7	1.5	2.2	.7											46	46	88	26
/ 39		.4	1.5	.3	1.2	1.4	.3											37	37	106	31
/ 37		.4	.1	.3	1.5	1.1												25	25	67	41
/ 35		.3	.3	1.1	.7	.1												18	18	68	45
4/ 33		.3		.1	.1	.1												5	5	53	29
2/ 31					.4													3	3	51	6
/ 29																				26	67
/ 27																				11	54
/ 25																				2	3
4/ 23																				3	33
2/ 21																					34
/ 19																					71
8/ 17																					32
6/ 15																					23
4/ 13																					28
/ 11																					31
/ 9																					11
8/ 7																					12
6/ 5																					7
4/ 3																					1

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 1																					2
- / -3																					2
TOTAL	.3	4.9	9.5	9.9	21.2	19.7	18.8	12.2	2.7	.8								730	730	730	730

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.	1831531	34091	46.7	18.125	730							
Dry Bulb	1768274	35594	48.8	6.703	730		.4	.7				93
Wet Bulb	1195207	29195	40.0	6.154	730		11.5					90
Dew Point	639075	20127	27.6	10.744	730	.2	61.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 154 | WILLIAMS AFB AZ | 69-70,73-80 | NOV

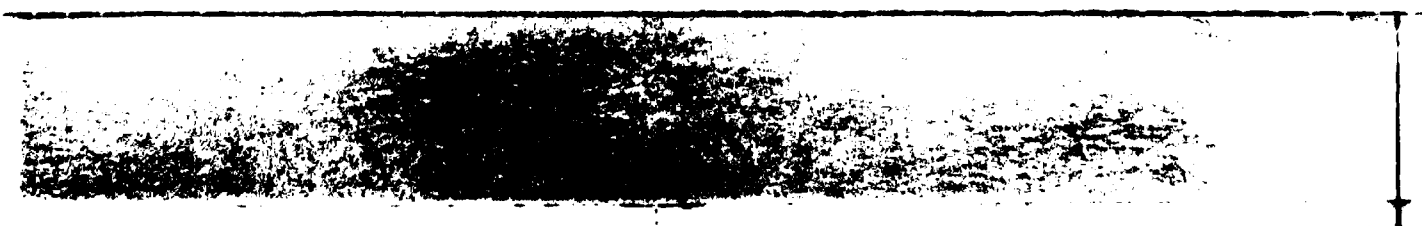
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 83											.1							1	1		
/ 81														.1	.1			2	2		
/ 79									.1			.1		.5				6	6		
7 / 77									.2		.5	.1	.4	.4				13	13		
8/ 75										.1	.6	1.2	.8	.1				24	24		
4/ 73								.2		.8	.7	1.9	.4					34	34		
/ 71								.4	.2	1.1	1.6	1.8	.4	.1				47	47		
/ 69							.2	.5	.9	.8	2.9	.6	.1					52	52		
/ 67				.1	.4		.2	.8	1.3	1.6	2.8	.5						66	66		
6/ 65				.1		.2	.8	1.1	2.5	2.9	1.1	.4						77	77		
4/ 63			.1	.4		.2	.8	1.9	1.4	2.0	1.6							72	72	2	
2/ 61			.6	.2	.2	.7	1.9	1.9	2.5	1.5	.2							83	83	5	
/ 59		.1	.5		.4	1.6	1.4	1.4	2.3	1.3								77	77	7	
/ 57		.1	.2	.6	.8	2.1	1.3	1.2	1.9	.9	.1							79	79	27	4
5 / 55		.4	.1	.7	1.5	1.1	1.1	1.3	1.4	.2								66	66	35	9
4/ 53		.2	.6	1.1	.6	1.1	.6	.7	.2	.1								44	44	68	11
2/ 51		.1	.7	.7	.6	.6	1.2	.9										41	41	109	8
5 / 49			.7	.5	.7		.7	.7	.1									29	29	148	9
/ 47		.5	.4	.2	.4	.2	.2	.1										17	17	142	10
6/ 45			.2	.4	.4	.4	.5	.1										16	16	96	28
4/ 43		.1		.1		.4	.1											6	6	83	36
2/ 41			.1			.1												2	2	55	55
/ 39		.1		.1														2	2	36	56
3/ 37						.1												1	1	22	54
6/ 35																				14	60
4/ 33																				6	61
2/ 31																				1	85
/ 29																					59
/ 27																				1	49
6/ 25																					51
4/ 23																					51
2/ 21																					43
/ 19																					33
6/ 17																					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 AIR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 | WILLIAMS AFB AZ | 69-70,73-80 | NOV

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 15																					22
[illegible]/ 13																					16
1 / 11																					7
/ 9																					3
/ 7																					1
[illegible] / 5																					2
[illegible]/ 3																					1
/ 1																					2
TOTAL		1.6	4.2	5.1	5.8	8.8	11.0	13.1	15.1	13.4	12.3	6.4	2.0	1.2	.1			857	857	857	857

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.	1375069	30805	35.9	17.687	857							
Dry Bulb	3318502	52890	61.7	7.970	857			25.7	8.4	.6		90
Wet Bulb	1977896	40918	47.7	5.322	857		.2					90
Dew Point	951743	27255	31.8	9.962	857		47.9					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]4 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 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
/ 89																	.6	5	5		
8/ 87																.3		3	3		
6/ 85												.1		.1		.3		5	5		
4/ 83											.2		.3	.7	1.3			22	22		
./ 81										.1		.6	.9	2.7	.5	.3		44	44		
/ 79									.2		.1	1.6	3.1	2.8	.5			72	72		
7./ 77											.7	2.1	3.4	1.3	.3			67	67		
./ 75										.2	1.3	3.1	2.9	1.3				76	76		
4/ 73								.5	.5	1.4	2.1	1.5	2.3	.7				77	77		
2/ 71						.3		.5	.7	1.2	2.2	2.8	1.3					77	77		
/ 69					.2	.1	.1	1.2	1.0	2.1	2.4	2.8	.6					91	91		
./ 67					.5		.2	1.3	1.5	1.5	1.2	1.5						66	66		
6/ 65				.1	.2	.2	.5	1.6	.9	2.1	1.6	.5						67	67		
4/ 63			.1	.3	.2	.3	.8	.6	1.0	.3	.5	.1						38	38	6	
2/ 61			.3		.1	1.2	.5	.6	.3	.8	.6	.1						39	39	8	
/ 59		.1	.3	.1	.5	1.3	.5	.7	.7	.1	.2							39	39	30	
8/ 57			.1	.2	.1	.6	.6	.3	.5	.3								24	24	75	4
6/ 55				.1	.6	.5	.2		.3	.1								16	16	143	10
4/ 53			.1	.2		.5			.3									10	10	141	14
2/ 51			.3	.1	.1		.1	.2		.1								9	9	150	5
50/ 49			.5		.1	.2			.1									8	8	113	6
8/ 47		.1			.1		.1	.1										4	4	88	6
6/ 45																				54	25
4/ 43																				20	36
2/ 41																				12	55
0/ 39																				10	57
3[illegible]/ 37																				6	45
[illegible]/ 35																				2	91
34/ 33																				1	65
2/ 31																					94
[illegible]/ 29																					62
[illegible]/ 27																					54
[illegible]/ 25																					45
24/ 23																					39

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]104 | WILLIAMS AFB AZ | 69-70,73-80 | NOV

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 21																					47
/ 19																					30
/ 17																					27
/ 15																					17
/ 13																					9
1 / 11																					6
/ 9																					2
/ 5																					3
/ 3																					2
/ 1																					1
TOTAL		.2	1.9	1.3	2.8	5.2	3.6	7.6	8.3	10.5	13.2	16.9	14.9	9.5	2.6	1.0	.6	859	859	859	859

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.	828151	23413	27.3	14.881	859							
Dry Bulb	4323460	60546	70.5	8.073	859			63.4	38.9	12.0		90
Wet Bulb	2321936	44480	51.8	4.670	859							90
Dew Point	971849	27715	32.3	9.513	859		45.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — MONTH

15 0-1700 — 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
/ 91																	.4	3	3		
/ 89																	1.3	8	8		
8/ 87															.1	.4	.1	5	5		
6/ 85												.3		.8	1.3	.5		22	22		
4/ 83											.1		.5	1.1	1.9	.3		31	31		
/ 81										.3		.9	1.4	4.2	1.0	.4		64	64		
/ 79										.1	.3	1.4	2.2	3.6	1.8			73	73		
7 / 77										.1	1.9	1.1	2.9	3.6	.6			81	81		
/ 75									.1	.3	1.4	1.4	2.9	1.0				56	56		
4/ 73								.3	.9	1.4	2.9	2.0	1.8					73	73		
/ 71						.4	.3	.4	.9	1.0	2.2	2.9	2.3					81	81		
/ 69					.3		.1	.3	1.3	1.0	1.8	2.3	.5					59	59		
/ 67					.4	.1		.5	1.3	.6	1.3	1.0	.1					44	44		
6/ 65				.1	.4	.3	.9	.8	.1	.9	1.5	.9						46	46		
4/ 63			.3	.3	.3	.1	.6	1.0		.1	.3	.4						26	26	6	
/ 61			.3	.1	.1	.3	.6	.6	.5	.4	.1							24	24	8	
/ 59				.1	.8	.8	1.4	.9	.4	.5	.1							39	39	43	
/ 57				.3		.4	.8	.1	.5	.5								20	20	98	7
5 / 55					.3	.5			.4									9	9	127	7
4/ 53				.1	.3	.1		.4										7	7	131	4
2/ 51			.3						.1	.3								5	5	123	12
0/ 49		.1	.3			.4												6	6	102	5
/ 47		.1	.3															3	3	61	9
4/ 45																				45	18
4/ 43																				13	33
2/ 41																				14	39
/ 39																				11	50
/ 37																					75
/ 35																				3	57
1/ 33																					54
2/ 31																					57
/ 29																					72
/ 27																					60
0/ 25																					55

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — 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
/ 23																					33
2/ 21																					42
/ 19																					41
/ 17																					12
/ 15																					17
/ 13																					11
1 / 11																					3
/ 9																					2
/ 5																					3
/ 1																					3
TOTAL		.3	1.3	1.0	2.7	3.3	4.7	5.2	6.8	7.5	13.9	14.6	14.6	14.3	6.8	1.5	1.5	785	785	785	785

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.	661741	19797	25.2	14.396	785							
Dry Bulb	4166677	56811	72.4	8.393	785			68.8	47.7	18.6		90
Wet Bulb	2174468	41152	52.4	4.678	785							90
Dew Point	865193	24963	31.8	9.541	785		47.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

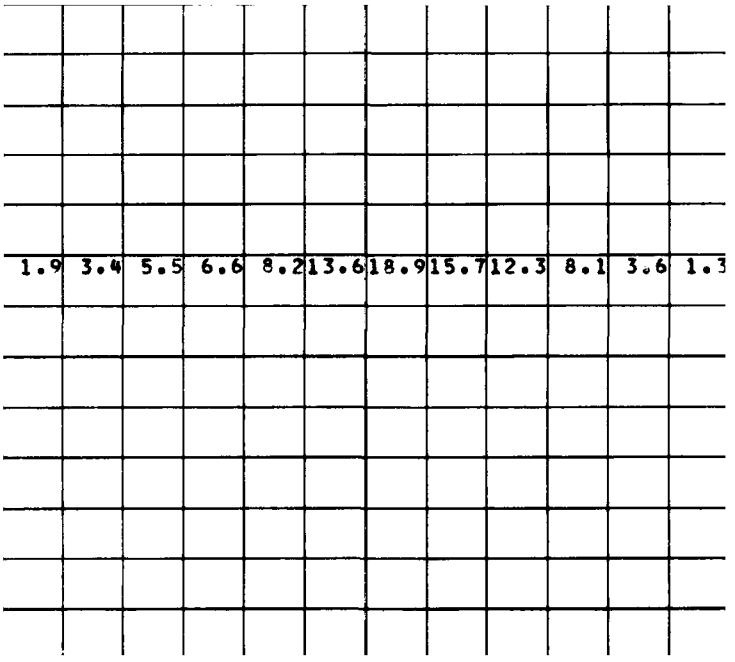
2[illegible]4 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — MONTH

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/ 85																.2		1	1		
4/ 83											.2		.2		.2			3	3		
[illegible]/ 81													.2	.5	.2			5	5		
/ 79										.2		.3	.5	.2				7	7		
7 / 77									.2		.5		.8	.3	.2			12	12		
[illegible]/ 75									.3	.3	1.0	1.3	1.1	.2				26	26		
4/ 73									.2	.6	.3	2.1	.6					24	24		
[illegible]/ 71							.2		.3	1.1	.8	1.5		.2				25	25		
/ 69					.2	.2	.2	1.5	1.6	1.5	3.4	2.1	.2					66	66		
[illegible] / 67							.6	1.0	1.6	2.7	2.3	.5						54	54		
6/ 65				.3	.3	.2	.8	1.6	2.3	3.1	2.1	.2						67	67		
4/ 63			.2		.2	.3	1.1	1.8	2.3	2.1	.8							54	54	1	
[illegible]/ 61			.6		.2	1.1	1.1	1.9	1.3	1.6	.8	.2						55	55	3	
/ 59				.5	.5	1.5	1.8	1.0	2.6	1.1	.2							56	56	8	
/ 57				.5	1.0	1.9	.8	.8	1.9	.8								48	48	24	
5[illegible]/ 55				.5	1.3	.8	.3	1.6	2.6	.3								46	46	40	8
4/ 53			.3	.2	1.1	.3	.3	.8	1.3	.2								28	28	61	2
2/ 51			.2	.8			.3	.8	.3									15	15	76	4
[illegible]/ 49		.2	.2	.2	.3	.3	.6	.3										13	13	110	7
[illegible] / 47		.2	.5	.5	.2			.2	.2									10	10	99	8
[illegible]/ 45					.3			.2										3	3	62	22
4/ 43								.2										1	1	44	28
2/ 41																				34	33
[illegible] / 39																				32	47
[illegible]/ 37																				18	41
[illegible]/ 35																				4	47
3[illegible]/ 33																				1	36
[illegible]2/ 31																				2	51
[illegible] / 29																					35
[illegible]/ 27																					42
[illegible]/ 25																					50
[illegible]4/ 23																					32
2/ 21																					29
/ 19																					32

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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


1.9 3.4 5.5 6.6 8.2 13.6 18.9 15.7 12.3 8.1 3.6 1.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — 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
[illegible] / 67								.4		.4								2	2		
6/ 65								1.6	1.6	.4	.8							11	11		
4/ 63						.4	1.2	.4	1.6	1.2	.4							13	13		
[illegible]/ 61			.4	.8	.4	1.2	1.2	2.0	2.4	.4		.4						23	23		
[illegible] / 59			.4		.4	2.0	.8	3.2	2.0	.4								23	23		
[illegible] / 57		.4	.4	.4		4.5	3.2	4.0	2.8	.8	.4							42	42	1	
5 / 55			.8	1.2	2.0	.8	2.4	2.0	2.4	.4								30	30	4	1
[illegible]/ 53				2.4	1.6	2.0	1.6	2.4	2.8	.4								33	33	6	1
[illegible] / 51			.4	2.0	2.4	.4	.8	3.2	1.2									26	26	17	4
50/ 49			.4	.8	1.6		.8	1.6										13	13	20	1
[illegible] / 47		.8	.4	.4		1.2	.8	1.2										12	12	36	3
4[illegible]/ 45			.4			1.6	.4	.4										7	7	43	7
[illegible]4/ 43			.4	.8		.8	.4											6	6	35	7
2/ 41				.4			.4	.4										3	3	21	17
[illegible] / 39			.4		.4		.4											3	3	17	17
3 / 37																				24	19
[illegible]/ 35																				12	13
34/ 33																				6	15
2/ 31																				2	23
[illegible] / 29																				2	16
[illegible]/ 27																				1	7
[illegible]/ 25																					13
4/ 23																					13
[illegible]2/ 21																					11
[illegible] / 19																					13
[illegible]/ 17																					10
1[illegible]/ 15																					9
[illegible]4/ 13																					8
1[illegible]/ 11																					5
[illegible]/ 9																					4
[illegible]/ 7																					1
[illegible]/ 5																					4
4/ 3																					3
-4/ -5																					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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
NOV — 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
TOTAL		1.2	4.5	9.3	8.9	15.0	14.6	23.1	17.0	4.5	1.6	.4						247	247	247	247

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.	467602	9872	40.0	17.231	247							
Dry Bulb	767348	13692	55.4	5.827	247			.7				90
Wet Bulb	486554	10880	44.0	5.449	247		1.8					90
Dew Point	244826	7250	29.4	11.409	247	.7	51.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 91																	.1	3	3		
[illegible]/ 89																	.3	13	13		
[illegible]8/ 87															.0	.1	.0	8	8		
6/ 85												.1		.2	.2	.2		28	28		
[illegible]4/ 83											.1		.2	.3	.6	.0		57	57		
[illegible]/ 81										.1		.3	.5	1.4	.3	.1		115	115		
[illegible]/ 79									.1	.0	.1	.6	1.1	1.3	.4			158	158		
7[illegible]/ 77									.1	.0	.6	.6	1.4	1.0	.2			173	173		
[illegible]6/ 75									.1	.2	.8	1.3	1.4	.5				182	182		
[illegible]4/ 73								.2	.3	.8	1.1	1.3	1.0	.1				208	208		
[illegible]2/ 71						.1	.1	.2	.4	.8	1.3	1.6	.7	.0				230	230		
[illegible]/ 69					.1	.0	.1	.6	.9	1.0	1.9	1.4	.3					269	269		
6[illegible]/ 67				.0	.2	.0	.3	.7	1.1	1.2	1.3	.6	.0					238	238		
6/ 65				.1	.2	.2	.6	1.0	1.1	1.6	1.2	.3						272	272		
[illegible]4/ 63			.1	.2	.1	.3	.7	1.1	1.0	.9	.6	.1						217	217	15	
[illegible]2/ 61			.3	.1	.1	.7	.8	1.1	1.0	.8	.3	.1						236	236	24	
[illegible]/ 59		.0	.3	.2	.4	1.1	1.1	1.1	1.3	.6	.1							266	266	88	
[illegible]/ 57		.1	.2	.3	.4	1.3	1.0	.9	1.2	.5	.0							259	259	229	15
5[illegible]/ 55		.1	.1	.3	.8	.7	.9	1.0	1.0	.1								221	221	360	35
[illegible]4/ 53		.2	.4	.8	.8	.7	.7	.9	.5	.1								224	224	416	39
[illegible]2/ 51	.0	.1	.3	.6	.6	.6	1.0	.9	.2	.1								190	190	500	39
5[illegible]/ 49	.0	.1	.5	.5	1.0	.6	.7	.6	.1									184	184	520	41
[illegible]/ 47		.4	.5	.4	1.2	.6	.8	.3	.1									189	189	479	52
[illegible]/ 45		.1	.4	.4	.6	.7	.6	.2										130	130	379	115
[illegible]4/ 43		.1	.2	.1	.1	.6	.3	.0										62	62	313	163
[illegible]2/ 41		.1	.2	.2	.4	.5	.2	.0										69	69	251	233
[illegible]/ 39		.1	.3	.1	.3	.3	.1											49	49	251	270
3[illegible]/ 37		.1	.0	.1	.3	.3												34	34	156	280
[illegible]6/ 35		.1	.1	.2	.1	.0												22	22	123	329
34/ 33		.1		.0	.0	.0												6	6	86	266
[illegible]2/ 31					.1													3	3	69	388
[illegible]/ 29																				35	332
[illegible]8/ 27																				16	279
[illegible]/ 25																				2	253

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
?-/ 23																				3	206
2/ 21																					217
/ 19																					244
-/ 17																					149
1-/ 15																					110
-/ 13																					89
1 / 11																					70
/ 9																					31
/ 7																					21
/ 5																					22
/ 3																					8
/ 1																					9
/ -1																					3
- / -3																					3
-/ -5																					2
TAL	.1	1.6	4.1	4.7	8.0	9.6	9.9	11.0	10.2	8.8	9.4	8.5	6.5	4.9	1.8	.5	.4		4315		4315
																		4315		4315	

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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	6497604	148028	34.3	18.139	4315							
Dry Bulb	17416668	269584	62.5	11.536	4315		.5	280.7	157.7	49.4		720
Wet Bulb	9980036	205308	47.6	7.001	4315		20.9					720
Dew Point	4522891	132501	30.7	10.261	4315	1.3	406.8					720

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2.104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59				.5						.5								2	2		
/ 57			.5			.5		.5			.5							4	4		
5 / 55							.5											1	1		
/ 53			.5															1	1	2	
/ 51			.5		.5		.5	.5	.5									5	5	1	
/ 49		1.1	1.6	.5	2.2	2.2	1.6	.5										18	18		2
/ 47		.5	1.1	.5	1.1	.5	1.1											9	9	5	2
/ 45		.5	.5	1.6	3.8	4.9	2.7											26	26	4	3
4/ 43		1.1	1.6	3.3	3.8	2.2	2.7											27	27	9	2
2/ 41			1.6	3.8	3.8	1.6	.5											21	21	8	4
/ 39		1.1	3.3	2.7	2.2	2.2	1.1											23	23	14	3
/ 37		1.1	1.1	2.7	2.2	.5												14	14	29	1
/ 35	.5	1.6	3.8	1.6	2.2	.5												19	19	30	9
/ 33		.5	3.3	.5	1.1													10	10	27	9
/ 31			.5															1	1	28	13
/ 29				.5	.5													2	2	14	15
/ 27																				7	15
/ 25			.5															1	1	3	21
/ 23																				2	7
2/ 21																				1	14
/ 19																					13
/ 17																					12
/ 15																					7
/ 13																					13
/ 11																					4
/ 9																					7
/ 7																					2
/ 5																					1
/ 3																					3
/ 1																					1
/ -1																					1
TOTAL	.5	7.6	20.7	18.5	23.4	15.2	10.9	1.6	.5	.5	.5								184		184
																		184		184	

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.	568414	9630	52.3	18.761	184							
Dry Bulb	337973	7809	42.4	5.986	184		2.0					93
Wet Bulb	238622	6550	35.6	5.460	184		27.8					93
Dew Point	129318	4524	24.6	9.942	184	.5	75.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (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
/ 57				.4	.3				.1	.3								8	8		
5 / 55		.4	.4		.3		.3		.3									12	12		
4 / 53		.6	.3			.1	1.2		.1									16	16	3	
/ 51		.4	.3		.1	.9	.3	.6	.1	.3								21	21	13	3
/ 49		.9	1.0	.7	1.2	1.0	.7	.4	.1									42	42	6	10
/ 47		1.2	.4	1.2	3.0	1.2	.6	.3										54	54	9	8
/ 45	.1	1.4	.1	1.6	2.9	1.7	1.4											65	65	16	11
4 / 43		.3	1.4	3.2	2.9	2.7	1.2											81	81	29	13
2 / 41		.6	1.9	4.0	2.2	2.7	1.3											88	88	34	14
/ 39		.3	2.7	2.2	2.9	2.6	.3											76	76	63	5
3 / 37		1.6	3.2	2.5	1.7	.4												65	65	86	9
/ 35	.4	1.0	3.5	3.0	2.6	.6												77	77	96	37
3 / 33		.6	3.2	1.3	1.4	.4												48	48	93	27
/ 31		.6	1.7	.4	.3													21	21	104	40
/ 29		.6		.9	.1													11	11	76	62
/ 27				.4														3	3	31	68
/ 25		.1	.4															4	4	15	69
4 / 23			.1															1	1	12	41
2 / 21																				7	46
/ 19																					50
/ 17																					40
1 / 15																					29
9 / 13																					33
1 / 11																					29
/ 9																					27
8 / 7																					11
6 / 5																					2
4 / 3																					4
2 / 1																					5
/ -1																					3
TOTAL	.6	10.5	20.8	21.8	21.9	14.4	7.2	1.3	.9	.6								693	693	693	693

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2291032	37714	54.4	18.568	693
Dry Bulb	1224448	28802	41.6	6.292	693
Wet Bulb	882188	24388	35.2	5.880	693
Dew Point	497815	17227	24.9	10.027	693

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		5.4					93
Wet Bulb		32.9					93
Dew Point	.4	75.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]04 | WILLIAMS AFB AZ | 69-70,73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]4/ 73											.1							1	1		
[illegible]/ 71										.1	.1							2	2		
[illegible]/ 69										.4	.1							4	4		
[illegible]/ 67										.4	.4	.2						8	8		
6/ 65					.1		.1		.5	.5	.4	.1						14	14		
4/ 63					.1	.1	.1	.4	1.3	.9	.6	.1						31	31		
[illegible]/ 61		.1		.2			.2	1.5	2.1	.8	.1							44	44		
[illegible]/ 59		.1	.1	.2		.6	1.4	2.2	2.6	.9								70	70	2	1
[illegible]/ 57			.5	.6	.5	.8	1.6	1.4	1.4	.8								65	65	1	1
5[illegible]/ 55		.2	.2	.6	.7	1.8	3.8	1.9	1.3	.4								92	92	5	
[illegible]/ 53		.6	.7	.5	.9	1.6	2.4	2.6	.6									84	84	13	2
[illegible]/ 51		.2	.7	.9	2.0	1.4	2.8	1.1	.1	.1								80	80	26	11
5[illegible]/ 49		.6	.6	1.4	3.3	3.1	2.2	1.2	.1									106	106	35	6
[illegible]/ 47		.2	.5	2.2	1.6	1.3	1.9	.5										70	70	87	12
[illegible]/ 45		.8	1.4	1.4	1.8	.7	.8	.4										62	62	106	16
[illegible]/ 43		.5	.6	.7	1.2	.6	.6											35	35	137	16
[illegible]/ 41		.2	.7	1.2	.7	.8	.2											33	33	135	19
[illegible]/ 39		.2	.7	1.1	.7	.2												25	25	110	36
[illegible]/ 37			.7	.4	.1	.2												12	12	75	35
[illegible]/ 35		.1	.1	.1	.1													4	4	52	57
34/ 33		.2			.2													4	4	33	67
[illegible]/ 31		.1		.2														3	3	21	93
[illegible]/ 29				.1														1	1	5	77
2[illegible]/ 27			.1															1	1	3	82
[illegible]/ 25																				3	60
[illegible]/ 23																				2	44
2/ 21																					49
[illegible]/ 19																					52
[illegible]/ 17																					37
[illegible]/ 15																					28
[illegible]/ 13																					24
[illegible]/ 11																					9
[illegible]/ 9																					5
[illegible]/ 7																					8

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible]04 | WILLIAMS AFB AZ | 69-70,73-80 | DEC

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 3																					2
/ 1																					1
/ -1																					1
TOTAL		4.3	7.6	11.9	14.1	13.3	18.2	13.0	10.0	5.3	1.8	.5							851		851
																		851		851	

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.	1946544	37556	44.1	18.438	851							
Dry Bulb	2361025	44403	52.2	7.210	851		.5	1.6	.1			93
Wet Bulb	1533171	35839	42.1	5.297	851		3.7					93
Dew Point	782674	24568	28.9	9.293	851	.1	62.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1104 | WILLIAMS AFB AZ | 69-70,73-80 | DEC

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 79													.2	.2				4	4		
7 / 77												.1	.6	.2				8	8		
5/ 75												1.2	.2					12	12		
4/ 73										.2	.2	.7	1.2	.1				21	21		
2/ 71										.6	2.6	1.4	.7					45	45		
/ 69								.2	.8	1.3	3.1	1.9	.2					64	64		
8/ 67							.1	.6	1.3	2.3	3.6	2.1	.5					90	90		
6/ 65					.1		.6	.9	2.6	4.2	2.6	.7						100	100		
4/ 63		.1		.1	.8	.1	.8	1.6	2.6	3.3	1.3							92	92		
2/ 61		.2		.6		.4	.7	1.6	1.6	1.2	.8							61	61	1	
/ 59			.2	.6	.5	.8	1.5	2.1	1.9	1.6	.6							84	84	2	2
/ 57			.1	.8	.7	.6	1.5	2.3	1.5	.8	.2							74	74	5	1
5 / 55			.2	.8	1.3	1.4	1.4	2.5	.2	.5								71	71	31	
4/ 53			.5	.6	1.2	1.6	1.2	.7	.6									54	54	55	2
2/ 51		.1	.1	.2	.8	.7	.5	.7										27	27	102	11
0 / 49		.2	.1		.4	.1	.4	.2	.2									14	14	153	10
8/ 47			.2	.7	.4			.2										13	13	154	18
6/ 45		.1	.2	.1	.1	.4												8	8	124	7
4/ 43			.1															1	1	109	30
2/ 41						.6												5	5	59	21
0/ 39						.4												3	3	32	36
8/ 37					.1													1	1	8	31
6/ 35																				4	70
4/ 33																				4	63
2/ 31																				6	90
/ 29																				3	70
8/ 27																					99
6/ 25																					77
4/ 23																					34
2/ 21																					45
0/ 19																					40
8/ 17																					20
16/ 15																					22
4/ 13																					18

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2?104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 YEARS | DEC 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
1 / 11																					17
/ 9																					8
/ 7																					2
/ 5																					4
/ 3																					4
TAL		.8	1.9	4.6	6.3	7.0	8.7	13.8	13.4	16.1	15.0	8.1	3.6	.6					852		852
																		852		852	

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.	1120715	27679	32.5	16.133	852							
Dry Bulb	3324235	52865	62.0	7.196	852			26.6	4.9	.2		93
Wet Bulb	1913133	40183	47.2	4.596	852		1.0					93
Dew Point	822510	25240	29.6	9.375	852		60.0					93

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
./ 81														.1	.3			3	3		
/ 79												.1	1.1	.5				13	13		
7 / 77												.5	.5	.8				14	14		
./ 75											.3	.9	2.2	.5				29	29		
4/ 73										.4	1.4	3.1	.9	.4				46	46		
./ 71										1.4	3.0	4.2	.7					68	68		
/ 69								.1	1.2	2.4	1.9	2.4	.5					64	64		
/ 67								1.2	1.6	2.6	3.9	1.8	.5					86	86		
6/ 65					.3		.4	.7	1.9	2.2	1.9	1.6						66	66		
4/ 63			.1	.3	.5	.3	.4	.1	2.6	1.1	1.9	.3						56	56		
2/ 61			.1	.3	.4	.4	.5	1.2	3.5	2.2	.8							70	70		
/ 59				.3	1.1	1.1	1.6	1.5	2.3	.3	1.4							70	70	2	
./ 57				.5	.5	1.1	1.2	2.3	1.5	.4	.1							57	57	7	1
5 / 55			.5	.5	.9	.8	1.6	1.4	.9									50	50	36	1
4/ 53			.1		.5	.3		.3	.3									11	11	84	3
./ 51					.1	.5	.3		.1									8	8	121	3
./ 49		.1	.3	.1	.5	.3												10	10	115	10
/ 47							.3	.1	.1									4	4	123	5
./ 45							.4											3	3	100	17
4/ 43		.3				.1												3	3	84	17
2/ 41						.1	.1											2	2	28	21
/ 39						.5												4	4	21	31
/ 37																				2	33
./ 35																				2	57
3 / 33																				6	42
2/ 31																				3	82
/ 29																				3	67
./ 27																					78
./ 25																					67
./ 23																					34
2/ 21																					47
/ 19																					36
./ 17																					18
1 ./ 15																					15

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 194 | WILLIAMS AFB AZ | 69-70,73-80 | DEC

STATION | STATION NAME | YEARS | 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
/ 13																					15
1 / 11																					18
/ 9																					11
/ 7																					2
/ 5																					6
/ 3																					2
TOTAL		.4	1.2	2.0	5.0	5.6	6.9	9.0	16.1	12.9	16.6	15.1	6.5	2.4	.3			737	737	737	737

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.	766614	21260	28.8	14.434	737							
Dry Bulb	3121127	47649	64.7	7.417	737			40.8	13.2	1.5		93
Wet Bulb	1724187	35483	48.1	4.641	737		.8					93
Dew Point	685745	21415	29.1	9.288	737		62.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1?4 | WILLIAMS AFB AZ | 69-70,73-80 | DEC

STATION | STATION NAME | YEARS | 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/ 75												.2						1	1		
/ 71										.4		.2						3	3		
/ 69									.2		.2							2	2		
/ 67									.2	1.4	1.0							13	13		
6/ 65							.2	1.4	1.4	2.0	.4							27	27		
4/ 63							.6	.8	1.8	1.8	.4							27	27		
/ 61				.4	.2	.6	.8	1.8	1.6	1.6	.4							37	37		
/ 59				.6	.2	.6	1.0	1.8	3.8	.8	.8							48	48		
/ 57				.2	.4	.8	3.0	3.0	3.2	1.4								60	60	2	
5 / 55			.2	.8	1.8	1.2	2.4	3.2	2.2	.6								62	62		
4/ 53		.2	1.0	1.4	2.6	2.0	3.2	4.0	1.0									77	77	11	2
2/ 51			.6	.8	1.2	1.2	2.2	1.4										37	37	22	
/ 49			1.0	1.2	1.2	1.8	2.4	1.0	.2									44	44	42	4
/ 47		.6	.2	.2	.6	1.6	2.4	1.0										33	33	76	7
/ 45			.2		.8	.4	.2	.2										9	9	75	7
4/ 43			.2	.2	.4		.6											7	7	71	11
2/ 41						.2	.2											2	2	72	26
/ 39						.2												1	1	55	21
3 / 37					.8													4	4	33	24
/ 35					.6													3	3	20	30
3 / 33																				7	23
2/ 31					.2													1	1	3	50
/ 29																				5	39
/ 27																				3	39
/ 25																				1	41
4/ 23																					31
2/ 21																					25
/ 19																					36
/ 17																					26
1 / 15																					15
/ 13																					10
1 / 11																					9
/ 9																					11
/ 7																					4

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
DEC — 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
≥ 5																					5
4 3																					1
2 -1																					1
TAL		.8	3.4	5.8	11.0	10.6	19.3	19.7	15.7	10.0	3.2	.4						498	498		498
																		498		498	

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.	813967	18573	37.3	15.622	498							
Dry Bulb	1562850	27718	55.7	6.360	498		.2	3.5	.2			93
Wet Bulb	959184	21712	43.6	5.030	498		2.2					93
Dew Point	439513	13981	28.1	9.725	498	.2	64.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

2 [illegible] | WILLIAMS AFB AZ | 69-70,73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 63								.5	.9									3	3		
[illegible]/ 61									.5									1	1		
[illegible]/ 59								.5										1	1		
[illegible]/ 57						1.8			.5									5	5		
5[illegible]/ 55						.9		1.4	1.4									8	8		
4/ 53			.5	2.7		1.8	1.8	.9	1.4	.5								21	21		
[illegible]/ 51		.5	.9	2.7	.9	5.9	1.4	1.8	.5									32	32		
5 / 49			.9	2.7	2.7	3.2	4.1	1.8										34	34	4	
[illegible] / 47		1.4	1.8	2.7	2.7	3.6	3.6	1.4										38	38	15	2
[illegible]/ 45		.5	.9	2.7	2.3	1.8	3.6	.9										28	28	20	1
4/ 43				2.3	1.4	1.8	2.7											18	18	18	6
[illegible]2/ 41			1.8	1.8	.9	2.7	1.4											19	19	35	9
[illegible] / 39				.9		2.3												7	7	27	14
3 / 37				.5														1	1	35	7
[illegible] / 35					.9													2	2	25	9
3[illegible]/ 33																				19	16
[illegible]2/ 31					.5													1	1	14	16
[illegible] / 29			.9															2	2	4	20
[illegible] / 27																				2	18
[illegible]/ 25																				3	13
24/ 23																					7
2/ 21																					3
[illegible] / 19																					10
[illegible]/ 17																					19
1[illegible]/ 15																					15
14/ 13																					15
1[illegible]/ 11																					5
[illegible] / 9																					8
[illegible]/ 7																					3
[illegible]/ 5																					4
4/ 3																					1
TOTAL		2.3	7.7	19.0	12.2	25.8	18.6	9.0	5.0	.5									221		221
																		221		221	

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.	511242	9928	44.9	17.221	221							
Dry Bulb	517390	10628	48.1	5.345	221		1.3					93
Wet Bulb	344513	8651	39.2	5.166	221		9.7					93
Dew Point	173047	5743	26.0	10.403	221		66.1					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 04 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-80 (YEARS) | DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 81														.0	.0			3	3		
/ 79												.0	.2	.1				17	17		
7 / 77												.1	.2	.2				22	22		
6/ 75											.0	.4	.4	.1				42	42		
4/ 73										.1	.3	.7	.4	.1				68	68		
/ 71										.4	1.1	1.1	.3					118	118		
/ 69								.1	.4	.8	1.0	.8	.1					134	134		
/ 67							.0	.3	.6	1.2	1.7	.8	.2					197	197		
6/ 65					.1		.2	.5	1.2	1.6	1.0	.5						207	207		
4/ 63		.0	.0	.1	.3	.1	.3	.6	1.6	1.3	.8	.1						209	209		
/ 61		.1	.0	.3	.1	.2	.4	1.1	1.7	1.0	.4							213	213	1	
/ 59		.0	.1	.3	.3	.6	1.0	1.4	1.8	.7	.5							275	275	6	3
/ 57			.1	.5	.4	.7	1.3	1.6	1.3	.6	.1							273	273	15	3
5/ 55		.1	.3	.5	.9	1.0	1.8	1.6	.9	.2								296	296	72	1
4/ 53		.2	.5	.5	.9	1.1	1.4	1.3	.5	.0								264	264	168	9
2/ 51		.2	.4	.5	.9	1.2	1.2	.8	.1	.1								210	210	285	28
5 / 49		.4	.6	.8	1.5	1.4	1.3	.6	.1									268	268	355	42
/ 47		.4	.4	1.0	1.2	.9	1.1	.4	.0									221	221	469	54
/ 45	.0	.5	.5	.8	1.3	.9	.8	.1										201	201	445	62
4/ 43		.2	.5	1.0	1.0	.8	.7											172	172	457	92
2/ 41		.1	.6	1.2	.7	1.0	.4											170	170	371	114
/ 39		.1	.8	.8	.7	.9	.1											139	139	322	146
3/ 37		.3	.7	.6	.5	.1												97	97	268	140
3/ 35	.1	.3	.8	.6	.7	.1												105	105	229	269
34/ 33		.2	.7	.2	.3	.1												62	62	189	245
2/ 31		.1	.3	.1	.1													27	27	179	384
/ 29		.1	.0	.2	.0													16	16	110	350
3/ 27			.0	.1														4	4	46	399
3/ 25		.0	.1															5	5	25	348
4/ 23			.0															1	1	16	198
2/ 21																				8	229
/ 19																					237
3/ 17																					172
1/ 15																					131

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-80 — YEARS
DEC — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 13																					126
1 / 11																					91
/ 9																					77
/ 7																					32
/ 5																					22
/ 3																					17
/ 1																					7
/ -1																					6
TAL	.1	3.5	7.6	10.3	11.1	11.2	12.1	10.5	10.3	8.3	7.0	4.6	2.0	.6	.0			4036	4036	4036	4036

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.	8018528	162342	40.2	19.207	4036							
Dry Bulb	12449048	219874	54.5	10.801	4036		9.8	110.8	28.0	2.6		744
Wet Bulb	7595004	172808	42.8	6.972	4036		70.8					744
Dew Point	3530622	112698	27.9	9.752	4036	1.1	521.3					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 104 | WILLIAMS AFB AZ | 69-70,73-81 | ALL

STATION | STATION NAME | YEARS | 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
11 /117																	.0	1	1		
11 /115																	.0	4	4		
11 /113																	.0	1	1		
12/111																	.1	30	30		
11 /109																	.2	99	99		
1 /107																.0	.4	200	200		
1 /105																.0	.8	448	448		
1 /103														.0	.0	.2	1.1	750	750		
2/101													.0	.1	.2	.5	1.3	1129	1129		
2/ 99													.1	.2	.6	.5	1.3	1435	1435		
3/ 97												.0	.2	.5	.6	.5	1.3	1689	1689		
3/ 95										.0	.0	.2	.4	.6	.5	.4	1.2	1820	1820		
4/ 93										.0	.1	.4	.5	.6	.5	.5	1.1	2013	2013		
4/ 91									.0	.1	.3	.4	.5	.4	.4	.5	.8	1938	1938		
7 89								.0	.0	.2	.4	.4	.3	.4	.5	.5	.7	1995	1995		
8/ 87							.0	.0	.1	.3	.3	.4	.3	.5	.5	.7	.2	1918	1918		
6/ 85						.0	.0	.1	.3	.3	.3	.3	.4	.5	.5	.7	.0	1938	1938		
4/ 83						.0	.1	.2	.2	.2	.3	.3	.4	.5	.7	.2		1752	1752		
2/ 81				.0	.0	.1	.2	.2	.3	.2	.2	.4	.5	.7	.6	.1		1854	1854		
/ 79				.0	.0	.1	.2	.2	.2	.2	.4	.5	.7	.7	.3			1942	1942		
7 / 77				.0	.1	.1	.1	.2	.2	.2	.4	.5	.7	.6	.1			1696	1696	15	
6/ 75				.1	.1	.1	.1	.2	.2	.3	.4	.7	.7	.3	.0			1718	1719	233	
4/ 73			.0	.1	.0	.1	.1	.2	.3	.4	.6	.8	.5	.1				1759	1759	1104	
2/ 71		.0	.0	.0	.0	.1	.1	.2	.4	.6	.9	.7	.3	.0				1802	1802	2537	8
7 / 69		.0	.0	.0	.1	.1	.1	.3	.5	.6	.9	.6	.2					1874	1874	2939	34
6 / 67		.0	.0	.0	.1	.1	.2	.4	.7	.8	.7	.4	.0					1960	1960	2977	188
6 / 65			.0	.1	.1	.1	.3	.6	.7	.9	.5	.2						1990	1990	2658	483
6 / 63		.0	.0	.1	.1	.2	.5	.5	.8	.7	.3	.0						1785	1785	2559	744
2/ 61		.0	.1	.1	.2	.4	.6	.7	.8	.5	.2	.0						1905	1905	2766	1126
0/ 59		.0	.1	.2	.4	.6	.7	.8	.7	.3	.1							2093	2093	2745	1472
5 / 57	.0	.0	.1	.3	.3	.6	.6	.7	.5	.2	.0							1857	1857	3025	1694
5 / 55		.1	.2	.3	.6	.5	.7	.6	.3	.1								1862	1862	3158	1622
4/ 53	.0	.1	.3	.5	.5	.6	.5	.4	.2	.0								1681	1681	3468	1670
2/ 51	.0	.1	.4	.4	.4	.5	.4	.3	.1	.0								1424	1424	3961	1710

Element (X)	$\Sigma_{\chi'}$	Σ_{χ}	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 174 | WILLIAMS AFB AZ | 69-70,73-81 | ALL

STATION | STATION NAME | YEARS | 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
5 / 49	.0	.2	.5	.4	.5	.4	.4	.2	.0									1407	1407	3794	1103
/ 47	.0	.2	.4	.4	.4	.4	.3	.1	.0									1221	1222	3661	1873
/ 45	.1	.3	.3	.4	.4	.3	.2	.0										1030	1030	3229	2398
4/ 43	.3	.2	.3	.3	.2	.2	.2	.0										725	726	2628	2676
2/ 41	.1	.1	.2	.3	.2	.2	.1	.0										637	637	1993	2856
/ 39	.0	.1	.3	.2	.2	.2	.0											534	534	1632	3332
/ 37	.0	.1	.2	.2	.1	.1												352	352	1197	3153
/ 35	.1	.1	.1	.2	.1	.0												283	283	889	3442
/ 33	.1	.1	.1	.1	.0	.0												169	169	653	3107
/ 31		.0	.1	.0	.0													86	86	517	4025
/ 29	.0	.0	.0	.0	.0													55	55	285	2977
/ 27		.0	.0	.0														28	28	150	2729
/ 25		.0	.0	.0														20	20	72	2399
/ 23		.0	.0															7	7	45	1628
2/ 21																				22	1569
/ 19																				4	1360
/ 17																					843
/ 15																					653
/ 13																					563
/ 11																					367
/ 9																					232
/ 7																					120
/ 5																					75
/ 3																					46
/ 1																					21
/ -1																					13
- / -3																					3
-4/ -5																					2
TOTAL	.1	1.8	3.9	4.6	5.3	6.0	6.4	7.1	7.5	7.3	7.6	7.2	6.8	6.8	6.1	5.2	10.5	54916	54919	54916	54916

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.	77939171	1801115	32.8	18.535	54916							
Dry Bulb	3113220 06	4015996	73.1	17.927	54919		33.1	5297.4	4393.2	3431.0	1488.8	8760
Wet Bulb	169841121	2995875	54.6	1 .800	54916		186.0	1521.3	208.6			8760
Dew Point	89225702	2098882	38.2	12.807	54916	3.1	3182.9	35.6				8760

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2-104 (STATION) WILLIAMS AFB AZ (STATION NAME) 69-70,73-81 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
3-05	MEAN	42.7	46.0	47.8	52.3	61.0	70.4	79.7	77.8	72.1	59.7	48.9	42.4	58.9
	S.D.	7.125	6.370	5.768	7.197	6.050	6.188	4.964	4.923	5.834	7.900	6.269	5.986	14.535
	TOTAL OBS	235	220	247	242	241	238	245	247	225	235	218	184	2777
6-08	MEAN	41.6	45.2	48.1	55.5	66.4	76.7	82.8	80.3	74.0	60.8	48.8	41.6	60.5
	S.D.	7.467	6.671	6.174	8.456	7.736	7.439	5.094	5.186	6.619	8.713	6.703	6.292	16.352
	TOTAL OBS	761	713	802	781	783	773	784	798	734	769	730	693	9121
9-11	MEAN	50.2	55.6	59.1	69.0	78.9	89.7	91.6	90.5	85.5	74.3	61.7	52.2	71.8
	S.D.	7.023	6.708	7.295	8.867	7.385	6.509	4.859	4.482	6.024	8.950	7.970	7.210	16.545
	TOTAL OBS	900	820	930	900	907	899	904	929	874	903	857	851	10674
12-14	MEAN	59.2	64.7	65.9	76.0	85.3	96.2	97.6	96.8	92.0	81.9	70.5	62.0	79.2
	S.D.	6.399	6.804	8.421	9.160	7.645	6.664	4.680	4.329	5.733	8.876	8.073	7.196	15.621
	TOTAL OBS	900	822	930	900	907	900	906	930	876	903	859	852	10685
15-17	MEAN	61.9	67.5	68.0	78.3	87.7	98.9	100.3	99.6	94.1	83.5	72.4	64.7	81.7
	S.D.	6.568	7.157	8.964	9.547	7.802	6.562	5.094	4.380	5.750	9.026	8.393	7.417	15.764
	TOTAL OBS	822	758	854	831	834	829	841	860	799	820	785	737	9770
18-20	MEAN	55.5	62.1	63.8	73.8	83.7	95.2	97.3	96.4	89.1	76.3	63.6	55.7	77.0
	S.D.	6.161	6.940	8.542	9.577	7.901	6.772	6.021	5.124	6.571	9.075	7.617	6.360	16.843
	TOTAL OBS	653	617	712	706	716	698	718	721	652	680	619	498	7990
21-23	MEAN	48.4	53.2	55.9	64.4	75.2	86.6	91.2	89.7	82.0	67.2	55.4	48.1	70.4
	S.D.	6.176	5.344	6.595	8.281	6.656	6.007	5.242	4.576	5.865	8.174	5.827	5.345	16.742
	TOTAL OBS	281	273	342	346	387	401	405	378	309	312	247	221	3902
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	52.9	58.1	60.1	69.3	79.1	90.0	93.0	91.8	86.0	74.2	62.5	54.5	73.1
	S.D.	9.899	10.497	10.638	12.435	11.147	10.915	8.308	8.540	9.578	12.213	11.536	10.801	17.927
	TOTAL OBS	4552	4223	4817	4706	4775	4738	4803	4863	4469	4622	4315	4036	54919

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2 104 — STATION
WILLIAMS AFB AZ — STATION NAME
69-70,73-81 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
03-05	MEAN	38.1	39.8	41.9	42.2	47.6	52.5	64.5	63.3	58.1	47.9	40.0	35.6	47.9
	S.D.	6.962	6.497	5.366	4.976	5.249	5.374	5.154	5.707	5.876	7.179	5.861	5.460	11.179
	TOTAL OBS	234	220	247	242	241	238	245	247	225	235	218	184	2776
06-08	MEAN	37.2	39.3	41.4	44.3	50.7	55.9	65.8	64.7	59.3	48.7	40.0	35.2	48.8
	S.D.	7.147	6.608	5.582	5.498	5.520	5.346	4.693	5.319	5.906	7.478	6.154	5.880	11.877
	TOTAL OBS	761	713	802	781	783	773	784	798	734	769	730	693	9121
09-11	MEAN	42.8	45.6	47.6	50.9	56.4	61.5	68.6	68.5	64.4	55.9	47.7	42.1	54.5
	S.D.	6.011	5.369	4.651	4.671	4.266	4.072	3.325	3.811	4.403	6.237	5.322	5.297	10.420
	TOTAL OBS	900	820	929	900	907	899	904	929	874	903	857	851	10673
12-14	MEAN	47.2	49.5	50.2	53.4	58.6	64.0	70.2	69.9	66.4	58.8	51.8	47.2	57.4
	S.D.	5.001	4.593	4.645	4.601	4.037	3.699	2.952	3.480	3.913	5.516	4.670	4.596	9.334
	TOTAL OBS	900	822	930	900	907	900	906	930	876	903	859	852	10685
15-17	MEAN	48.3	50.4	50.5	54.0	59.2	65.0	70.6	70.1	66.5	59.0	52.4	48.1	58.0
	S.D.	4.657	4.294	4.599	4.597	3.865	3.500	2.644	3.417	3.843	5.249	4.678	4.641	9.108
	TOTAL OBS	822	758	854	830	834	829	841	860	799	820	785	737	9769
18-20	MEAN	45.5	48.3	48.9	52.2	57.7	63.5	69.6	68.8	64.8	56.0	48.4	43.6	56.1
	S.D.	5.086	4.742	4.608	4.693	3.835	3.598	2.594	3.591	4.289	5.925	5.301	5.030	9.817
	TOTAL OBS	653	617	712	706	716	698	718	721	652	680	619	498	7990
21-23	MEAN	41.2	43.8	45.1	48.3	54.2	59.6	67.8	66.7	62.4	51.5	44.0	39.1	53.3
	S.D.	5.499	5.028	4.861	4.551	4.028	3.943	3.216	4.089	5.048	6.449	5.449	5.166	10.700
	TOTAL OBS	281	273	342	346	387	401	405	378	309	312	247	221	3902
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	43.8	46.1	47.3	50.4	55.9	61.4	68.7	68.1	63.9	55.1	47.6	42.8	54.6
	S.D.	6.960	6.642	5.970	6.116	5.556	5.527	3.899	4.619	5.404	7.355	7.001	6.972	10.800
	TOTAL OBS	4551	4223	4816	4705	4775	4738	4303	4863	4469	4622	4315	4036	54916

GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2 104 WILLIAMS AFB AZ 69-70,73-81

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
3-05	MEAN	31.5	31.0	31.8	29.4	32.1	34.3	54.4	53.4	46.7	34.8	27.3	24.6	36.3
	S.D.	9.778	10.876	10.018	7.590	9.973	10.095	9.648	9.422	9.912	11.333	10.878	9.942	13.805
	TOTAL OBS	234	220	247	242	241	238	245	247	225	235	218	184	2776
6-08	MEAN	30.8	30.9	32.6	31.1	34.4	37.0	55.1	54.5	47.9	35.7	27.6	24.9	37.1
	S.D.	9.733	10.639	9.581	7.589	9.590	9.516	9.168	8.881	9.600	11.296	10.744	10.027	13.738
	TOTAL OBS	761	713	802	781	783	773	784	798	734	769	730	693	9121
9-11	MEAN	33.7	33.7	34.8	31.8	35.7	39.3	55.2	55.6	50.3	39.4	31.8	28.9	39.3
	S.D.	9.417	10.409	9.408	7.586	8.631	8.120	7.802	8.021	9.008	10.638	9.962	9.293	12.737
	TOTAL OBS	900	820	929	900	907	899	904	929	874	903	857	851	10673
12-14	MEAN	33.5	32.7	33.4	30.8	35.4	40.1	54.6	54.5	49.8	39.4	32.3	29.6	38.9
	S.D.	10.156	10.625	9.574	7.338	7.986	6.891	7.212	8.068	8.764	10.356	9.513	9.375	12.493
	TOTAL OBS	900	822	930	900	907	900	906	930	876	903	859	852	10685
15-17	MEAN	32.9	31.8	31.8	29.6	34.6	40.2	53.6	52.9	48.5	38.3	31.8	29.1	38.1
	S.D.	10.004	10.574	9.351	7.016	7.544	5.991	6.897	8.150	8.733	9.937	9.541	9.288	12.222
	TOTAL OBS	622	758	854	830	834	829	841	860	799	820	785	737	9769
18-20	MEAN	33.0	32.6	32.4	29.8	34.3	39.7	53.5	52.3	48.3	37.7	31.1	28.1	38.2
	S.D.	9.490	10.485	9.395	7.245	8.087	6.626	6.762	7.977	8.980	10.166	10.178	9.725	12.235
	TOTAL OBS	653	617	712	706	716	698	718	721	652	680	619	498	7990
21-23	MEAN	31.8	31.7	31.8	30.3	33.7	37.2	53.8	52.3	48.1	35.3	29.4	26.0	37.8
	S.D.	8.935	10.545	10.414	8.011	8.343	7.447	7.493	8.480	10.301	10.842	11.409	10.403	13.014
	TOTAL OBS	281	273	342	346	387	401	405	378	309	312	247	221	3902
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	32.8	32.2	32.9	30.6	34.7	38.9	54.4	53.9	48.9	37.8	30.7	27.9	38.2
	S.D.	9.781	10.599	9.620	7.465	8.508	7.831	7.748	8.388	9.203	10.676	10.261	9.752	12.807
	TOTAL OBS	4551	4223	4816	4705	4775	4738	4803	4863	4469	4622	4315	4036	54916

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RELATIVE HUMIDITY

23104 | WILLIAMS AFB AZ | 70,73-81 | JAN
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	00-02											
	03-05	100.0	100.0	99.1	92.7	80.8	61.1	46.6	23.9	6.0	66.5	234
	06-08	100.0	100.0	98.7	93.2	83.6	65.3	47.0	21.4	7.0	67.2	761
	09-11	100.0	99.0	91.3	77.6	61.2	40.8	23.2	8.6	2.0	56.1	900
	12-14	100.0	90.3	67.6	47.6	27.4	14.6	5.1	1.6	.4	41.2	900
	15-17	99.8	84.1	57.4	37.2	18.6	9.9	4.0	1.7	.6	37.0	822
	18-20	100.0	97.5	79.3	58.3	39.2	22.7	11.2	3.4	.6	46.5	653
	21-23	100.0	98.2	93.6	77.6	56.6	36.7	22.4	5.7	1.8	55.0	281
TOTALS		100.0	95.6	81.9	69.2	52.3	35.9	22.8	9.5	2.6	52.8	4551

GL BAL CLIMATOLOGY BRANCH
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AI WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

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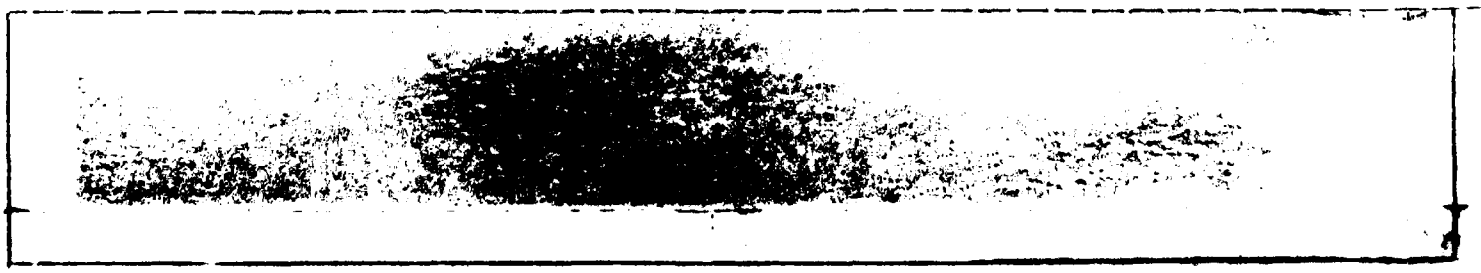
22104	WILLIAMS AFB AZ	73-81	FEB
STATION	STATION NAME	PERIOD	MONTH

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%		
FEB	00-02											
	03-05	100.0	97.3	92.7	80.0	65.0	45.5	30.5	15.5	1.4	58.8	22[illegible]
	06-08	100.0	98.7	93.4	83.0	68.4	50.1	31.7	15.4	2.1	60.1	713
	09-11	99.8	93.2	78.2	58.7	41.8	25.6	15.0	4.8	1.2	47.4	82[illegible]
	12-14	98.1	77.4	49.9	29.9	15.7	8.5	3.6	1.6	.5	34.[illegible]	822
	15-17	97.6	64.2	40.9	22.2	12.9	6.2	2.5	.9	.4	30.1	758
	18-20	99.4	80.9	54.9	35.2	22.0	13.8	6.0	1.3	.3	36.9	617
	21-23	100.0	94.5	77.7	58.6	40.3	27.1	14.7	6.2		47.5	273
TOTALS		99.3	86.6	69.7	52.5	38.0	25.3	14.9	6.5	.8	45.0	4223

USAFETAC FORM JUL 64 0-87-5 (OL A)



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RELATIVE HUMIDITY

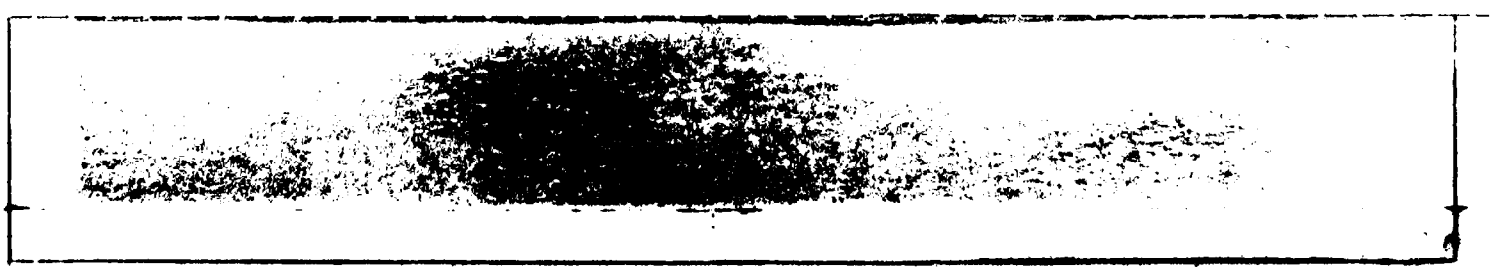
2 1 4 WILLIAMS AFB AZ — 70,73-81 — MAR

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											
	03-05	100.0	98.8	89.1	76.1	58.3	46.6	29.6	13.4	3.2	57.3	247
	06-08	100.0	99.6	90.4	79.4	60.7	46.9	30.0	14.1	2.6	58.1	802
	09-11	100.0	89.3	71.8	53.6	35.7	21.2	11.7	3.2	.1	44.2	929
	12-14	99.4	74.2	49.0	29.0	15.2	8.9	3.7	1.3	.3	33.5	930
	15-17	99.1	63.1	38.3	20.8	11.5	6.3	3.4	1.6	.4	29.7	854
	18-20	100.0	75.3	48.6	29.9	18.3	11.8	7.2	3.5	.3	35.0	712
	21-23	100.0	87.1	69.0	50.0	33.9	24.3	15.5	5.6	.3	44.2	342
TOTALS		99.8	83.9	65.2	48.4	33.4	23.7	14.4	6.1	1.0	43.1	4816

USAFETAC FORM JUL 64 0-87-5 (OL A)



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RELATIVE HUMIDITY

USE WITH CAUTION
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23104	WILLIAMS AFB AZ	70,73-81	APR
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%		
APR	00-02											
	03-05	100.0	97.9	82.2	49.6	25.2	15.3	8.3	4.5	.8	44.0	242
	06-08	100.0	97.1	73.9	43.9	22.7	14.3	9.1	3.2	.5	42.1	781
	09-11	99.9	66.4	28.7	13.8	7.9	3.9	1.3	.2		27.6	900
	12-14	99.0	36.7	11.9	6.7	2.9	.9	.3	.1		20.8	900
	15-17	98.6	23.5	8.9	4.7	3.0	1.6	.5	.1		18.5	830
	18-20	100.0	36.5	14.0	8.4	4.2	2.1	1.6	1.0		21.8	706
	21-23	100.0	75.7	33.2	18.8	11.3	6.4	3.5	1.7		30.7	346
TOTALS		99.6	62.0	36.1	20.8	11.0	6.4	3.5	1.5	.2	29.4	4705

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RELATIVE HUMIDITY

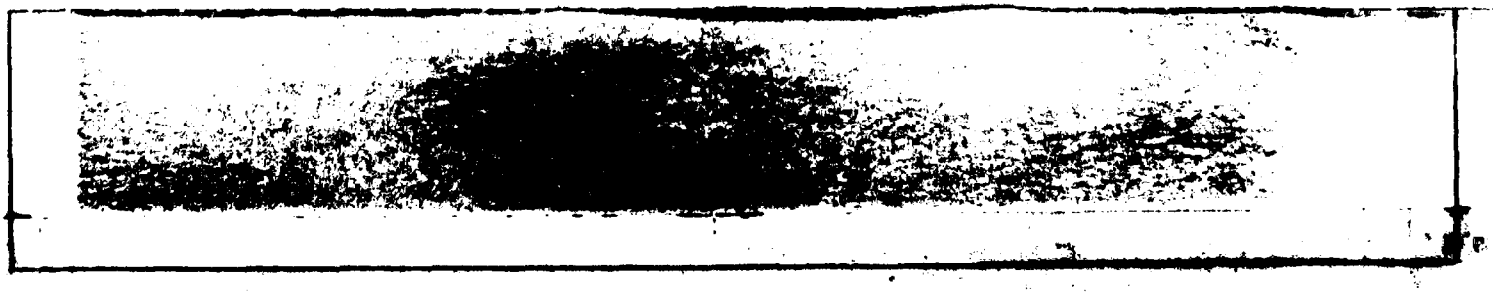
23104 WILLIAMS AFB AZ 70,73-81 MAY

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%		
MAY	00-02											
	03-05	100.0	92.1	54.4	27.4	14.9	10.4	6.2	3.7		36.4	241
	06-08	100.0	85.6	42.9	21.5	12.9	7.9	5.0	1.5		33.2	783
	09-11	99.3	45.8	16.9	8.5	4.5	1.5	.6			22.9	907
	12-14	96.3	27.2	8.7	3.3	.9	.3				18.1	907
	15-17	92.9	19.9	5.8	1.9	1.3	.8	.5			16.3	834
	18-20	95.8	25.4	10.5	5.2	2.9	2.0	1.3	.1		18.8	716
	21-23	99.7	52.5	17.8	7.2	4.4	2.1	1.3	.3		23.8	387
TOTALS		97.7	49.8	22.4	10.7	6.0	3.6	2.1	.8		24.2	4775

USAFETAC FORM JUL 64 0-87-5 (OL A)



L AL CLIMATOLOGY BRANCH
TAC
A WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
4	WILLIAMS AFB AZ	69-70,73-80	JUN

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											
	03-05	100.0	78.2	31.1	10.9	4.6	1.7	.8	.4		28.0	238
	06-08	100.0	62.9	23.0	6.7	2.6	.9	.1	.1		25.2	773
	09-11	97.0	27.4	5.7	.6	.1					17.9	899
	12-14	90.9	11.4	2.1	.9	.6	.1				14.9	900
	15-17	87.1	4.9	1.7	.6	.4	.2	.1			13.6	829
	18-20	93.0	11.7	3.2	1.0	.6					15.2	698
	21-23	98.3	24.9	2.5	1.2						17.9	401
TOTALS		95.2	31.6	9.9	3.1	1.3	.4	.1	.1		19.0	4738

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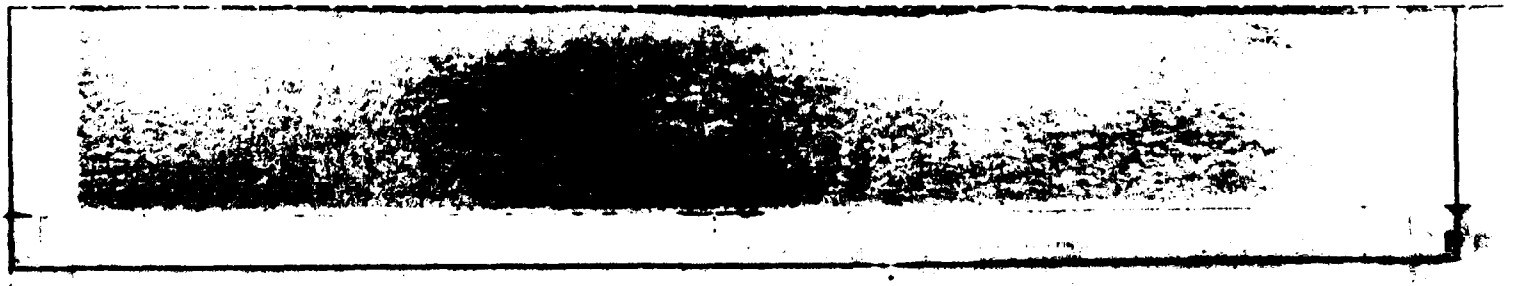
RELATIVE HUMIDITY

23104	WILLIAMS AFB AZ	69-70,73-80	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											
	03-05	100.0	96.3	82.0	55.9	26.5	13.1	5.7	.8		43.7	245
	06-08	99.9	93.8	75.1	48.6	20.4	8.3	2.6			40.6	784
	09-11	99.3	83.8	46.9	17.0	4.1	.7				30.8	904
	12-14	98.9	69.6	21.5	3.2	.4					24.8	906
	15-17	98.2	52.7	12.2	3.1	.6	.1				22.1	841
	18-20	97.8	61.1	20.9	7.0	2.9	.6				24.4	718
	21-23	99.5	82.2	38.5	15.1	5.7	2.7	.2			29.8	405
TOTALS		99.1	77.1	42.4	21.4	8.7	3.6	1.2	.1		30.9	4803

USAFETAC FORM JUL 64 0-87-5 (OL A)



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RELATIVE HUMIDITY

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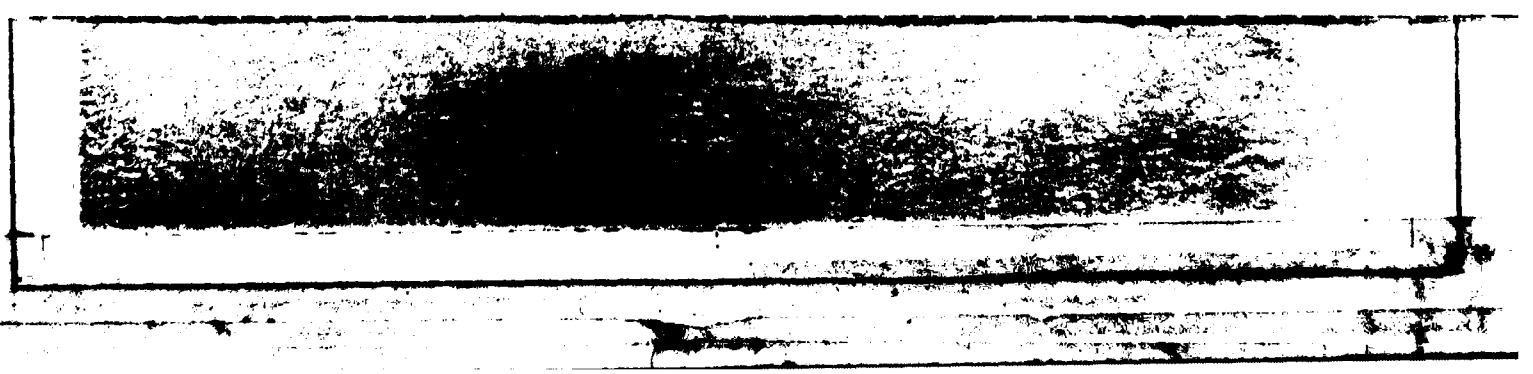
23104	WILLIAMS AFB AZ	69-70,73-80	AUG
STATION	STATION NAME	PERIOD	MONTH

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%		
AUG	00-02											
	03-05	100.0	99.2	86.6	60.3	22.7	8.5	3.6			43.9	247
	06-08	100.0	98.4	86.1	52.0	21.8	7.5	1.6	.1		42.4	798
	09-11	99.9	88.2	52.7	18.5	4.7	1.1	.1			32.1	929
	12-14	99.0	69.1	25.5	3.9	.8	.1				25.4	930
	15-17	97.3	54.2	12.8	1.3	.5	.1				21.9	860
	18-20	98.9	59.9	18.4	4.7	1.5	.1				23.8	721
	21-23	100.0	84.4	34.9	13.2	5.3	2.6	.8			29.4	378
TOTALS		99.3	79.1	45.3	22.0	8.2	2.9	.9	.0		31.3	4863

USAFETAC FORM JUL 84 0-87-5 (OL A)



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RELATIVE HUMIDITY

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23104	WILLIAMS AFB AZ	69-70,73-80	SEP
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%		
SEP	00-02											
	03-05	100.0	99.1	81.3	48.0	20.9	10.7	4.9	1.3		42.2	225
	06-08	100.0	99.0	78.7	44.6	18.4	11.0	5.7	1.5		41.4	734
	09-11	99.5	84.1	46.0	17.0	7.4	3.8	2.1	.5		31.6	874
	12-14	98.6	63.9	23.1	6.5	3.3	1.7	.3	.1		25.2	876
	15-17	97.2	51.3	13.8	4.3	2.3	.8	.5			22.5	799
	18-20	98.9	68.1	25.6	9.4	5.1	2.0	.8			26.3	652
	21-23	99.7	86.1	46.3	22.0	12.0	6.1	1.9			32.9	309
TOTALS		99.1	78.8	45.0	21.7	9.9	5.2	2.3	.5		31.7	4469

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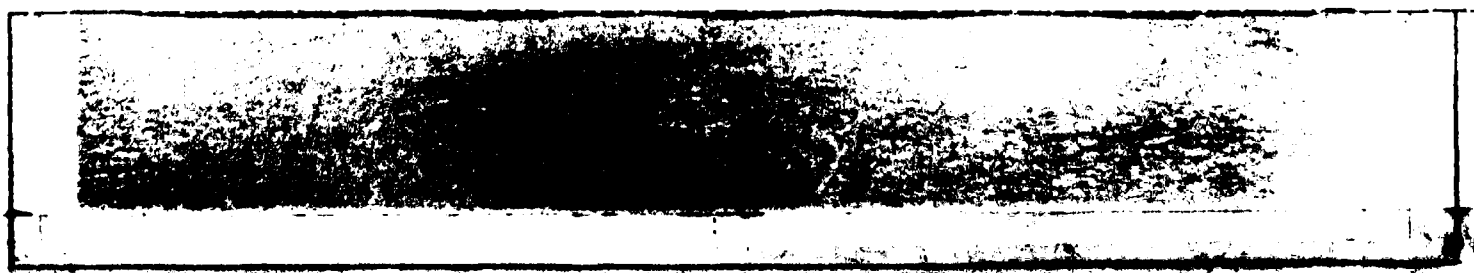

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RELATIVE HUMIDITY

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23104	WILLIAMS AFB AZ	69-70,73-80	OCT
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%		
OCT	00-02											
	03-05	100.0	98.7	72.8	43.4	21.3	12.8	8.5	3.4		41.6	235
	06-08	100.0	98.6	71.3	42.7	20.0	13.1	9.0	3.4	.3	41.5	769
	09-11	100.0	76.5	37.9	19.0	11.2	6.0	2.7	.7		30.9	903
	12-14	97.3	50.6	21.7	10.3	4.4	2.5	.6			24.2	903
	15-17	98.0	42.1	15.4	7.6	3.7	1.7	.9			22.0	820
	18-20	100.0	63.4	27.8	11.8	6.9	4.4	1.0	.3		27.0	680
	21-23	100.0	86.5	44.2	20.2	11.9	8.7	3.5	1.0		33.2	312
TOTALS		99.3	73.8	41.6	22.1	11.3	7.0	3.7	1.3	.0	31.5	4622

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RELATIVE HUMIDITY

23104	WILLIAMS AFB AZ	69-70,73-80	NOV
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%		
NOV	00-02											
	03-05	100.0	98.2	76.6	52.3	32.1	22.5	13.8	7.8	1.8	46.2	218
	06-08	100.0	98.2	80.5	54.8	33.8	22.6	12.5	6.2	1.9	46.7	730
	09-11	99.8	82.1	49.9	30.5	18.8	11.6	7.0	2.3	.1	35.9	857
	12-14	98.6	57.0	28.9	16.6	8.0	4.9	2.3	.6		27.3	859
	15-17	98.1	48.9	25.0	13.4	6.2	3.7	2.2	.6		25.2	785
	18-20	99.2	76.3	41.7	25.4	13.6	6.3	3.1	.5		32.3	619
	21-23	100.0	91.5	63.2	40.9	25.5	14.2	6.9	1.6		40.0	247
TOTALS		99.4	78.9	52.3	33.4	19.7	12.3	6.8	2.8	.5	36.2	4315

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RELATIVE HUMIDITY

23104 STATION | WILLIAMS AFB AZ STATION NAME | 69-70,73-80 PERIOD | DEC 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%		
DEC	00-02											
	03-05	100.0	98.4	85.9	66.8	52.2	33.7	17.9	7.1	2.2	52.3	184
	06-08	100.0	98.8	89.8	72.9	55.4	37.8	20.6	9.8	1.7	54.4	693
	09-11	100.0	95.1	73.1	49.1	31.4	20.0	11.3	4.6	.4	44.1	851
	12-14	99.9	77.5	42.4	23.0	14.3	8.1	3.5	1.2	.2	32.[illegible]	852
	15-17	99.9	66.4	29.6	17.4	9.6	4.5	2.0	.7		28.8	737
	18-20	100.0	91.8	59.4	31.9	17.7	10.8	5.0	1.4		37.3	498
	21-23	100.0	97.7	72.9	55.7	34.8	20.8	7.7	3.6		44.9	221
TOTALS		100.0	89.4	64.7	45.3	30.8	19.4	9.7	4.1	.6	42.0	4036

USAFETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23104 | WILLIAMS AFB AZ | 69-70,73-81 | 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	100.0	95.6	83.9	69.2	52.3	35.9	22.8	9.5	2.6	52.8	4551
FEB		99.3	86.6	69.7	52.5	38.0	25.3	14.9	6.5	.8	45.0	4223
MAR		99.8	83.9	65.2	48.4	33.4	23.7	14.4	6.1	1.0	43.1	4816
APR		99.6	62.0	36.1	20.8	11.0	6.4	3.5	1.5	.2	29.4	4705
MAY		97.7	49.8	22.4	10.7	6.0	3.6	2.1	.8		24.2	4775
JUN		95.2	31.6	9.9	3.1	1.3	.4	.1	.1		19.0	4738
JUL		99.1	77.1	42.4	21.4	8.7	3.6	1.2	.1		30.9	4803
AUG		99.3	79.1	45.3	22.0	8.2	2.9	.9			31.3	4863
SEP		99.1	78.8	45.0	21.7	9.9	5.2	2.3	.5		31.7	4469
OCT		99.3	73.8	41.6	22.1	11.3	7.0	3.7	1.3		31.5	4622
NOV		99.4	78.9	52.3	33.4	19.7	12.3	6.8	2.8	.5	36.2	4315
DEC		100.0	89.4	64.7	45.3	30.8	19.4	9.7	4.1	.6	42.0	4036
TOTALS		99.0	73.9	48.2	30.9	19.2	12.1	6.9	2.8	.5	34.8	54916

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

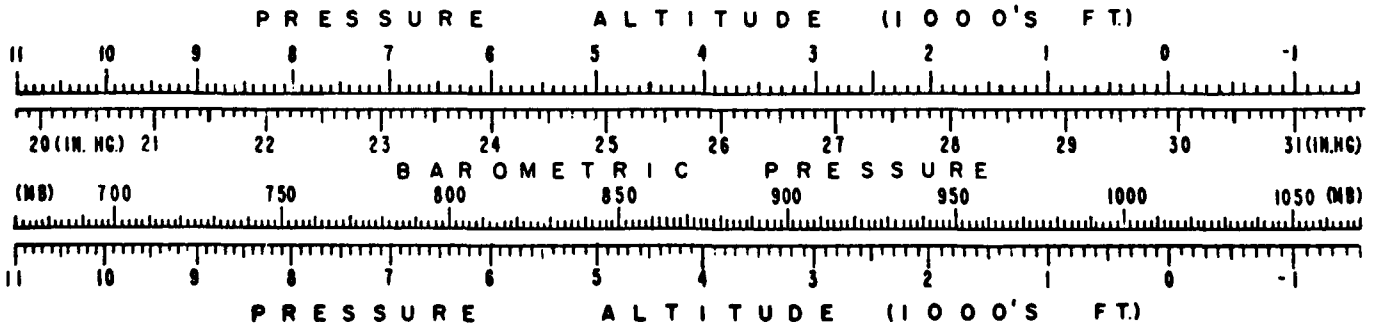
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in *inches of mercury*.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

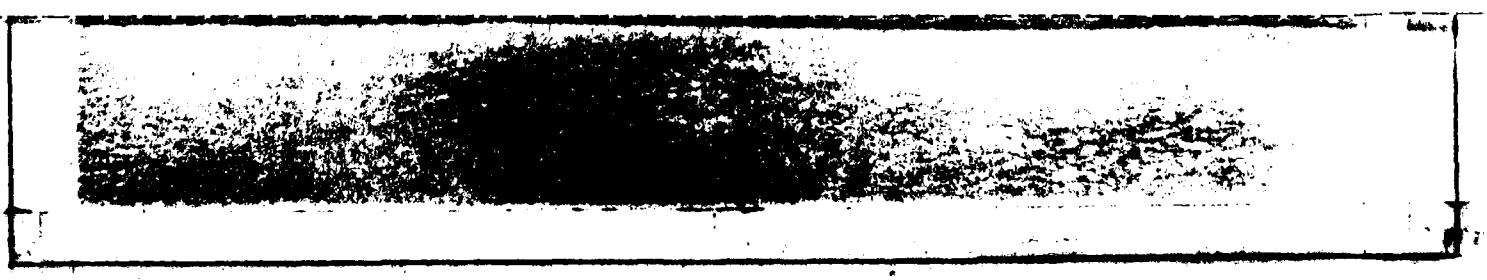
MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

2 1C4 (STATION) | WILLIAMS AFB AZ (STATION NAME) | 69-70,73-81 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN													
	S. D.													
	TOTAL OBS													
[illegible]	MEAN	28.568	28.548	28.451	28.428	28.382	28.361	28.403	28.393	28.404	28.470	28.553	28.575	28.458
	S. D.	.125	.116	.118	.098	.083	.067	.062	.063	.076	.099	.122	.125	.123
	TOTAL OBS	235	220	247	242	241	238	245	247	225	235	218	184	2777
[illegible]	MEAN	28.599	28.586	28.500	28.471	28.423	28.404	28.446	28.436	28.442	28.502	28.578	28.608	28.498
	S. D.	.120	.120	.117	.098	.087	.070	.063	.065	.076	.099	.121	.122	.122
	TOTAL OBS	281	262	296	288	290	282	286	292	273	286	271	265	3372
1	MEAN	28.631	28.611	28.513	28.476	28.418	28.398	28.441	28.436	28.444	28.508	28.592	28.628	28.506
	S. D.	.119	.118	.117	.099	.086	.071	.064	.064	.075	.097	.121	.121	.128
	TOTAL OBS	300	274	310	300	303	300	301	310	292	301	286	284	3561
[illegible]	MEAN	28.553	28.542	28.456	28.421	28.366	28.348	28.381	28.376	28.381	28.438	28.518	28.551	28.443
	S. D.	.115	.114	.114	.099	.085	.073	.062	.061	.073	.094	.119	.117	.121
	TOTAL OBS	300	274	310	300	303	300	302	310	292	301	287	284	3563
[illegible]	MEAN	28.535	28.507	28.415	28.374	28.315	28.292	28.323	28.318	28.339	28.415	28.503	28.537	28.402
	S. D.	.115	.112	.116	.097	.087	.075	.059	.061	.075	.098	.118	.121	.130
	TOTAL OBS	238	226	252	248	244	242	250	251	228	236	226	190	2831
[illegible]	MEAN	28.568	28.537	28.435	28.389	28.327	28.294	28.334	28.332	28.361	28.436	28.521	28.566	28.413
	S. D.	.116	.112	.120	.098	.085	.073	.064	.063	.076	.098	.114	.130	.133
	TOTAL OBS	179	176	217	220	230	221	228	223	206	212	178	137	2427
[illegible]	MEAN													
	S. D.													
	TOTAL OBS													
ALL HOURS	MEAN	28.578	28.558	28.465	28.430	28.375	28.353	28.391	28.386	28.399	28.464	28.546	28.581	28.457
	S. D.	.123	.120	.122	.105	.095	.084	.078	.077	.085	.104	.124	.126	.132
	TOTAL OBS	1533	1432	1632	1598	1611	1583	1612	1633	1516	1571	1466	1344	18531

USAF ETAC FORM OCT 78 0-89-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

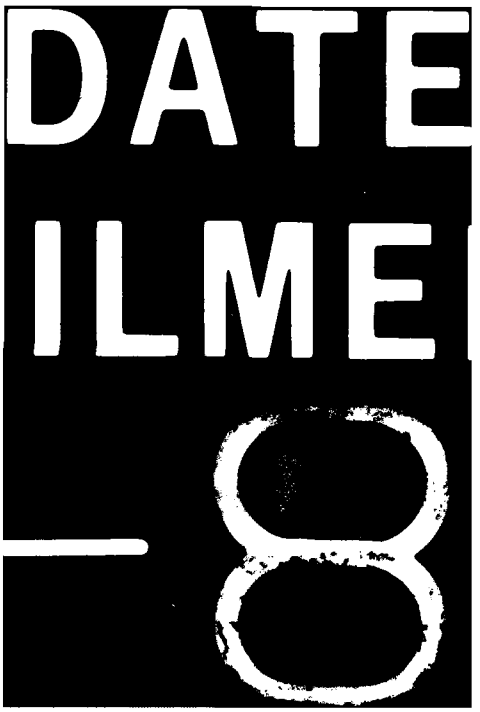
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

2[illegible]04 WILLIAMS AFB AZ 69-70,73-81

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN	1017.1	1016.1	1012.6	1011.4	1009.3	1008.1	1009.4	1009.0	1009.6	1012.5	1016.0	1017.2	1012.2
	S. D.	4.566	4.248	4.271	3.632	3.115	2.441	2.288	2.336	2.847	3.744	4.507	4.684	4.849
	TOTAL OBS	235	220	247	242	241	238	245	247	225	235	218	183	2776
[illegible]	MEAN	1018.4	1017.6	1014.4	1012.9	1010.7	1009.5	1010.8	1010.5	1011.0	1013.7	1017.1	1018.7	1013.7
	S. D.	4.449	4.407	4.224	3.630	3.171	2.516	2.303	2.423	2.807	3.810	4.470	4.456	4.858
	TOTAL OBS	281	262	295	288	290	282	286	292	273	286	271	264	3370
1	MEAN	1019.4	1018.4	1014.9	1013.1	1010.5	1009.3	1010.7	1010.5	1011.1	1013.8	1017.5	1019.2	1014.0
	S. D.	4.368	4.281	4.174	3.659	3.159	2.586	2.328	2.299	2.768	3.710	4.402	4.400	5.069
	TOTAL OBS	300	274	310	300	303	300	302	310	292	301	286	284	3562
[illegible]4	MEAN	1016.6	1015.9	1012.8	1011.1	1008.6	1007.5	1008.6	1008.4	1008.8	1011.5	1014.8	1016.5	1011.7
	S. D.	4.194	4.151	4.125	3.680	3.156	2.659	2.301	2.270	2.723	3.475	4.328	4.266	4.810
	TOTAL OBS	300	274	310	300	303	300	302	310	292	301	287	284	3563
[illegible]7	MEAN	1016.0	1014.6	1011.3	1009.4	1006.9	1005.6	1006.5	1006.4	1007.4	1010.6	1014.3	1015.9	1010.2
	S. D.	4.112	4.096	4.207	3.620	3.222	2.711	2.239	2.255	2.757	3.647	4.308	4.405	5.136
	TOTAL OBS	238	226	252	248	244	242	249	251	228	236	226	190	2630
[illegible]	MEAN	1017.4	1015.9	1012.1	1010.0	1007.3	1005.6	1006.8	1006.8	1008.1	1011.5	1015.1	1017.3	1010.7
	S. D.	4.175	4.088	4.332	3.694	3.184	2.668	2.429	2.338	2.831	3.652	4.173	4.672	5.352
	TOTAL OBS	179	176	216	219	229	221	228	223	206	212	178	137	2424
23	MEAN													
	S. D.													
	TOTAL OBS													
ALL HOURS	MEAN	1017.6	1016.5	1013.1	1011.4	1009.0	1007.7	1008.9	1008.8	1009.5	1012.4	1015.9	1017.6	1012.2
	S. D.	4.475	4.402	4.399	3.885	3.476	3.025	2.857	2.821	3.109	3.864	4.529	4.612	5.190
	TOTAL OBS	1533	1432	1630	1597	1610	1583	1612	1633	1516	1571	1466	1342	18525

USAF ETAC FORM OCT 78 0-89-5 (OL A)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