USAFETAC/DS-79/017

AD A070149

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WILLIAMS AFB ARIZONA/CHANDLER WBAN# 23104
N 33 18 W 111 40 FLD ELEV 1385 FT KCHD WMO# - - -

POR FROM HOURLY OBS: MAR 42-FEB 46, APR 46-DEC 74
POR FROM DAILY OBS: MAR 42-FEB 46, APR 46-DEC 74

JUL 16 1975

FEDERAL BUILDING
ASHEVILLE, N. C.

"THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED."

859-4820/b

Best
Available
Copy

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

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

MICHAEL W. PRESTON
SMSgt, USAF
USAFETAC Reviewer

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific & Technical
Information Officer

DDC PROCESSING DATA

PHOTOGRAPH

THIS SHEET

II

LEVEL

I

INVENTORY

A070149

DDC ACCESSION NUMBER

USAFETAC/DS-79/017

DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

Accession For	
NTIS GRA&I	☒
DDC TAB	☐
Unannounced	☐
Justification	
By	
Distribution/	
Availability Codes	
Dist.	Avail and/or special
A	

DISTRIBUTION STAMP

DDC
RECEIVED
JUN 21 1979
D

DATE ACCESSIONED

79 06 20 168

DATE RECEIVED IN DDC

PHOTOGRAPH THIS SHEET

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-79/017 14	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Williams AFB Chandler, Arizona 6		5. TYPE OF REPORT & PERIOD COVERED Final rept. 7
		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 16 Jul 75 11
		13. NUMBER OF PAGES 497 p. 12
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

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

18. SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Williams AFB, Chandler, Arizona
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

UNCLASSIFIED

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

* Arizona * Williams AFB AZ

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
- ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
- SNOWFALL
- SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
- SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
- EXTREME MAX & MIN TEMP
- PSYCHROMETRIC-DRY VS WET BULB
- MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
- RELATIVE HUMIDITY

PART F STATION PRESSURE
- SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

S74-29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
23104	WILLIAMS AFB ARIZONA/CHANDLER	N33 18	W111 40	1385	KCHD	

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	Mar42	Sept44	N33 18	W111 40	1344	1351	24
2.	Same	Same	Oct44	Apr53	Same	Same	1338	Same	24
3.	Williams AFB Arizona	AFB	Apr53	Apr54	Same	Same	1360	Same	24
4.	Same	Same	Apr54	Mar59	Same	Same	1372	Same	24
5.	Same	Same	Mar59	Dec60	Same	Same	1385	Same	24
6.	Same	Same	Jan61	Apr63	Same	Same	Same	Same	14 to 17
7.	Same	Same	May63	Sept65	Same	Same	Same	Same	24
8.	Same	Same	Oct65	Dec70	Same	Same	Same	Same	12 to 18
9.	Same	Same	Jan71	Dec74	Same	Same	Same	Same	15 to 18

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.	Mar42	Located on Operations Building	Anemometer	ML-144	35ft	
2.	Jul45	SAME	Selsyn	Same	25ft	
3.	Sept48	Not Available	Same	Same	N/A	
4.	Apr53	Located in Weather Station	Same	ML-144B	47.5ft	
5.	Apr56	Located on top of Base Operations	Selsyn	ML-144B	65ft	
6.	Apr57	Located on top of Weather Station	Same	Same	40ft	

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7.	Apr59	SAME	Same	Same	35ft	
8.	Jan61	Located 750ft NE from Rnwy NW-SE and 400ft NW from Rnwy NE-SW	AN/GMQ-11	RO-2	13ft	
9.	Apr62	Located on SE end of NW-SE Rnwy	Same	Same	9ft	
10.	Apr63	Located between the Rnwys at 1/2 way point	Same	Same	8ft	
11.	Apr64	SAME	Same	Same	13ft	
12.	Nov66	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	
13.	Jan71	Located 2000ft NE of ROS between Rnwys 12C & 12R	AN/GMQ-20	RO-362	Same	
14.	Jan72	Located 750ft SW of centerline, 4000ft from end of Rnwy 12C	Same	Same	Same	
15.	Dec74	SAME	Same	Same	Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

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

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

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

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

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.

74-29960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.6				3.6	.8	.3		.1	1.2	19958
FEB		.0	2.8			.0	2.8	.2	.1		.3	.6	17688
MAR		.1	2.5			.0	2.5	.1	.1		.4	.6	20125
APR		.1	1.2				1.2	.0	.1		.6	.7	20173
MAY		.1	.4			.0	.4		.1		.2	.3	21139
JUN		.3	.4				.4		.1	.0	.2	.3	20543
JUL		1.4	2.0				2.0	.0	.1		.8	.9	21021
AUG		1.5	2.3				2.3	.1	.1		.7	.9	21506
SEP		.6	1.3				1.3	.1	.0		.3	.4	20382
OCT		.4	2.0			.0	2.0	.1	.1		.3	.5	20904
NOV		.1	1.8				1.8	.4	.5		.2	1.0	19930
DEC		.1	2.7		.0	.0	2.7	.6	.6		.1	1.2	19988
TOTALS		.4	1.9		.0	.0	1.9	.2	.2	.0	.4	.7	243357

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		4.6				4.6	.6	.2		.3	1.1	1888
	03-05		4.6				4.6	.8	.1		.1	1.1	2174
	06-08		4.1				4.1	1.4	.2		.1	1.7	2708
	09-11	.0	3.5				3.5	1.3	.6		.1	1.9	2874
	12-14	.1	3.5				3.5	1.0	.5		.1	1.5	2884
	15-17	.1	2.7				2.7	.6	.4			1.0	2799
	18-20	.0	2.7				2.7	.4	.4		.0	.8	2529
	21-23		3.1				3.1	.5	.1		.1	.8	2102
TOTALS		.0	3.6				3.6	.8	.3		.1	1.2	19958

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		2.6				2.6				.3	.3	1660
	03-05		3.0				3.0	.2			.2	.3	1922
	06-08		2.1				2.1	.4	.2		.0	.7	2405
	09-11	.0	2.1				2.1	.2	.3		.3	.8	2563
	12-14	.1	3.4			.1	3.4	.2	.4		.5	1.2	2578
	15-17	.1	3.8			.0	3.9	.1	.2		.4	.8	2499
	18-20	.1	2.7				2.7	.0			.2	.3	2239
	21-23		2.5				2.5	.1			.1	.2	1822
TOTALS		.0	2.8			.0	2.8	.2	.1		.3	.6	17688

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.1	2.5				2.5	.1			.3	.4	1863
	03-05		2.4				2.4	.2			.1	.3	2163
	06-08		2.7				2.7	.2	.4		.2	.8	2715
	09-11		2.3			.0	2.4	.1	.2		.5	.9	2914
	12-14	.1	2.6				2.6	.0	.1		.7	.8	2927
	15-17	.1	2.6				2.6				.9	.9	2843
	18-20	.2	2.7				2.7				.5	.5	2549
	21-23		2.4				2.4		.0		.2	.2	2151
TOTALS		.1	2.5			.0	2.5	.1	.1		.4	.6	20125

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBSTO VISION	TOTAL NO. OF OBS.
APR	00-02	.2	1.4				1.4						1899
	03-05		1.1				1.1		.0		.2	.2	2184
	06-08	.1	1.4				1.4	.0	.3		.2	.5	2714
	09-11	.0	1.5				1.5	.0	.3		.4	.7	2892
	12-14	.1	1.2				1.2	.0	.2		1.1	1.3	2965
	15-17	.1	1.1				1.1		.1		1.5	1.5	2816
	18-20	.2	1.0				1.0		.1		1.0	1.0	2576
	21-23	.3	1.2				1.2				.1	.1	2187
TOTALS		.1	1.2				1.2	.0	.1		.6	.7	20173

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.0	.4				.4						2076
	03-05	.0	.3				.3						2325
	06-08	.0	.4				.4		.2			.2	2819
	09-11	.0	.2				.2		.2		.2	.4	2987
	12-14	.1	.4				.4		.2		.3	.6	2990
	15-17	.2	.4			.0	.4		.1		.7	.8	2903
	18-20	.2	.4				.4				.4	.4	2679
	21-23	.2	.8				.8				.2	.2	2360
TOTALS		.1	.4			.0	.4		.1		.2	.3	21139

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	.5				.5						2017
	03-05		.2				.2		.1		.0	.1	2252
	06-08	.1	.2				.2		.2		.1	.3	2722
	09-11	.2	.4				.4		.1		.2	.4	2887
	12-14	.3	.3				.3		.1		.2	.3	2885
	15-17	.4	.6				.6			.0	.6	.7	2804
	18-20	.4	.8				.8		.0		.5	.6	2599
	21-23	.4	.5				.5		.0		.1	.2	2377
TOTALS		.3	.4				.4		.1	.0	.2	.3	20543

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.3	3.2				3.2		.1		.6	.7	2079
	03-05	.7	2.0				2.0		.3		.1	.4	2308
	06-08	.3	1.4				1.4	.1	.3		.1	.5	2790
	09-11	.1	.7				.7		.0		.1	.1	2942
	12-14	.3	.7				.7				.1	.1	2952
	15-17	1.1	1.2				1.2				.6	.6	2854
	18-20	2.8	2.7				2.7		.0		2.8	2.9	2673
	21-23	3.5	4.4				4.4		.0		1.9	1.9	2423
TOTALS		1.4	2.0				2.0	.0	.1		.8	.9	21021

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.3	3.0				3.0	.0	.2		.2	.4	2068
	03-05	1.2	2.4				2.4		.1		.2	.3	2336
	06-08	.7	2.3				2.3	.1	.2		.1	.5	2879
	09-11	.1	1.0				1.0	.2	.2			.3	3045
	12-14	.4	.8				.8		.1		.1	.1	3032
	15-17	1.0	1.2				1.2		.0		.9	1.0	2939
	18-20	3.1	2.7				2.7	.1			2.8	2.9	2769
	21-23	3.2	4.6				4.6	.2			1.3	1.5	2438
TOTALS		1.5	2.3				2.3	.1	.1		.7	.9	21506

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.5	1.4				1.4				.1	.1	1973
	03-05	.3	1.0				1.0	.1				.1	2225
	06-08	.3	1.3				1.3	.3	.0			.3	2708
	09-11	.3	1.0				1.0	.0	.0		.1	.2	2892
	12-14	.4	1.2				1.2	.0	.1		.2	.3	2902
	15-17	1.2	1.5				1.5		.1		1.0	1.1	2811
	18-20	.9	1.6				1.6		.0		.8	.8	2609
	21-23	.8	1.3				1.3				.4	.4	2262
TOTALS		.6	1.3				1.3	.1	.0		.3	.4	20382

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — 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	.4	2.4			.1	2.4	.1				.1	1962
	03-05	.4	2.6				2.6						2254
	06-08	.1	2.5				2.5	.4			.1	.5	2819
	09-11	.1	2.4				2.4	.4	.3		.4	1.0	3013
	12-14	.1	1.3				1.3	.1	.1		.7	.9	3012
	15-17	.7	1.8				1.8	.1			.5	.6	2921
	18-20	.8	1.6				1.6				.5	.5	2661
	21-23	.3	1.5				1.5				.0	.0	2262
TOTALS		.4	2.0			.0	2.0	.1	.1		.3	.5	20904

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	1.6				1.6	.3	.1		.2	.5	1889
	03-05		1.5				1.5	.5				.5	2168
	06-08	.1	1.9				1.9	.7	.4		.0	1.1	2698
	09-11	.1	1.8				1.8	.6	1.0		.1	1.7	2864
	12-14	.0	2.0				2.0	.2	1.3		.3	1.8	2885
	15-17	.1	1.9				1.9	.2	.6		.4	1.2	2793
	18-20	.2	1.8				1.8		.2		.1	.4	2516
	21-23		1.6				1.6	.3	.1		.1	.6	2117
TOTALS		.1	1.8				1.8	.4	.5		.2	1.0	19930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	1.4				1.4	.5	.1			.6	1952
	03-05		2.3				2.3	.6	.0			.6	2174
	06-08	.1	3.3		.0	.0	3.3	1.3	.4		.0	1.7	2695
	09-11	.0	3.3		.0		3.3	.9	1.0		.1	2.0	2926
	12-14	.1	3.1				3.1	.4	1.2		.2	1.7	2931
	15-17	.1	3.8				3.8	.1	1.0		.1	1.2	2812
	18-20	.1	2.5			.0	2.5	.2	.9		.0	1.1	2407
	21-23	.0	1.6				1.6	.4	.4			.8	2091
TOTALS		.1	2.7		.0	.0	2.7	.6	.6		.1	1.2	19988

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.

74-29962

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.8	.6	.3	.1	.0	.0	.0					1.9	5.1
NNE	.5	.4	.3	.1	.0	.0	.0					1.2	5.9
NE	.7	.6	.3	.1	.0	.0	.0					1.7	5.7
ENE	.8	.8	.4	.1	.0	.0	.0					2.2	5.1
E	2.4	3.2	1.5	.3	.1	.0	.0	.0		.0		7.5	5.3
ESE	2.7	4.3	2.8	.5	.1	.0	.0	.0				10.4	5.7
SE	2.7	4.2	3.3	.5	.1	.0	.0	.0				10.8	5.9
SSE	1.2	1.5	1.1	.2	.0	.0	.0	.0	.0			4.1	5.7
S	1.1	1.1	.7	.2	.0	.0	.0		.0			3.2	5.7
SSW	.7	.8	.8	.3	.1	.0	.0		.0			2.7	6.8
SW	1.0	1.2	1.1	.4	.1	.0						3.9	6.4
WSW	.9	1.4	1.1	.3	.1	.0	.0					3.8	6.4
W	1.7	3.0	2.2	.5	.1	.0						7.5	6.1
WNW	1.4	2.3	2.1	.4	.0	.0	.0					6.2	6.2
NW	1.5	1.9	1.5	.2	.0	.0	.0					5.1	5.7
NNW	.8	1.0	.6	.1	.0	.0	.0					2.5	5.2
VARBL													
CALM												25.3	
	21.0	28.4	19.9	4.5	.7	.2	.0	.0	.0	.0		100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 243346

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

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

CONDITION

SPEED (KNTS) D'R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.4	.2	.0	.0						1.8	5.5
NNE	.5	.5	.2	.2	.0							1.4	5.7
NE	.8	.7	.4	.2	.0							2.0	5.6
ENE	1.2	1.0	.4	.1								2.6	4.5
E	3.0	3.9	1.5	.3	.1	.0	.0					8.9	5.2
ESE	4.0	4.9	2.8	.3	.0	.0						12.0	5.2
SE	3.2	3.8	2.3	.3	.0							9.7	5.2
SSE	1.4	1.2	.6	.1	.0							3.3	4.9
S	1.1	.9	.5	.2	.0	.0						2.7	5.4
SSW	.8	.8	.8	.3	.0	.0						2.6	6.4
SW	1.0	.9	.6	.3	.1	.0						3.0	6.2
WSW	.9	1.0	.7	.3	.1	.0						2.9	6.0
W	1.9	2.5	1.2	.6	.1	.0						6.3	5.7
WNW	1.6	1.8	1.0	.3	.1	.0	.0					4.8	5.8
NW	1.2	1.2	.7	.2	.1	.0	.0					3.4	5.5
NNW	.7	.7	.3	.1	.0	.0						1.9	5.2
VARBL													
CALM												30.6	
	24.0	26.3	14.4	3.9	.7	.1	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 17688

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (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	1.3	.8	.4	.1	.0	.0	.0					2.7	4.8
NNE	.6	.3	.4	.2	.0							1.4	5.9
NE	1.0	.6	.4	.1	.0							2.1	4.7
ENE	.7	.7	.3	.0		.0						1.8	4.7
E	2.5	3.5	1.2	.2	.0							7.5	4.9
ESE	2.5	4.6	2.4	.2	.0	.0						9.8	5.4
SE	2.7	4.4	3.1	.4	.1	.0						10.6	5.7
SSE	1.1	1.4	.9	.2	.0	.0						3.6	5.6
S	1.3	1.2	.8	.3	.1	.0						3.8	6.1
SSW	.8	.9	.9	.5	.1	.0						3.2	7.3
SW	1.4	1.5	1.5	.5	.1	.0						5.0	6.6
WSW	.9	1.5	1.3	.5	.1	.0	.0					4.3	6.9
W	1.8	2.8	2.4	.7	.2	.1						8.1	6.7
WNW	1.2	2.1	1.7	.3	.1	.0						5.4	6.3
NW	1.7	1.8	1.0	.2	.1	.0						4.8	5.3
NNW	.8	1.0	.5	.1			.0					2.4	5.2
VARBL													
CALM												23.5	
	22.3	29.2	19.1	4.7	1.0	.2	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 20124

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.8	.8	.4	.1	.0							2.1	4.8
NNE	.4	.3	.2	.1	.0	.0						1.1	5.7
NE	.5	.4	.3	.1	.0	.0						1.3	5.9
ENE	.5	.7	.3	.1	.0							1.6	5.4
E	1.6	2.5	1.4	.2	.0							5.7	5.3
ESE	2.0	3.7	2.6	.3	.0							8.7	5.7
SE	2.7	4.9	3.9	.6	.0	.0	.0					12.0	6.0
SSE	1.2	1.6	1.1	.2	.0	.0			.0			4.1	5.6
S	1.1	1.2	1.0	.4	.1	.0						3.7	6.3
SSW	.7	1.3	1.4	.6	.2	.0	.0					4.1	7.6
SW	1.1	1.7	2.1	.8	.2	.1						6.0	7.6
WSW	.9	1.8	2.2	.9	.2	.0						5.9	7.7
W	1.4	2.9	3.4	1.1	.2	.0						9.1	7.3
WNW	1.1	2.5	2.6	.6	.1	.0	.0					7.0	6.8
NW	1.3	2.3	1.7	.3	.1	.0	.0					5.7	6.1
NNW	1.1	1.3	.6	.1	.0	.0						3.1	5.1
VARBL													
CALM												18.8	
	18.3	29.9	25.2	6.5	1.0	.2	.0		.0			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 20177

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.8	.7	.3	.1	.0							1.8	4.6
NNE	.3	.3	.1	.1	.0							.8	5.9
NE	.4	.3	.1	.1								.9	4.9
ENE	.4	.4	.3	.1		.0						1.2	5.5
E	1.6	2.5	1.5	.3	.0							5.8	5.6
ESE	1.8	3.7	3.3	.5	.0							9.4	6.1
SE	2.1	4.2	4.2	.4	.0	.0						11.0	6.2
SSE	1.2	1.7	1.2	.2	.0							4.2	5.6
S	1.1	1.5	1.0	.3	.0	.0	.0					4.0	5.8
SSW	.8	1.3	1.4	.6	.1	.0			.0			4.1	7.4
SW	1.2	2.0	2.4	.9	.1	.0						6.6	7.3
WSW	.8	1.9	2.2	1.0	.1	.0						6.0	7.5
W	1.4	3.2	3.4	.9	.1	.0						8.0	7.0
WNW	1.2	2.7	2.6	.6	.0	.0						7.1	6.6
NW	1.5	2.4	2.2	.2	.0							6.3	5.9
NNW	1.0	1.4	.8	.2	.0							3.4	5.5
VARBL													
CALM												18.3	
	17.5	30.1	27.1	6.3	.7	.1	.0		.0			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 21137

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.3	.1	.0							1.7	5.0
NNE	.3	.3	.2	.0	.0							.7	5.5
NE	.2	.2	.1	.1	.0							.7	5.6
ENE	.5	.6	.2	.0	.0	.0						1.3	4.8
E	1.4	2.5	1.3	.2	.0	.0	.0					5.4	5.5
ESE	1.6	3.9	3.1	.4	.0	.0						9.1	6.1
SE	1.8	3.9	3.9	.6	.0	.0						10.3	6.3
SSE	1.1	1.7	1.3	.2	.0	.0						4.3	5.8
S	.9	1.3	.9	.3	.1	.0						3.5	6.3
SSW	.7	1.0	1.3	.6	.2	.0						3.8	7.8
SW	.9	1.6	1.9	.9	.2	.0						5.5	7.6
WSW	.8	1.9	1.9	.0	.1	.0						5.4	7.2
W	1.3	3.4	3.8	.7	.0	.0						9.2	6.9
WNW	1.0	3.0	3.6	.8	.0							8.5	7.0
NW	1.4	2.9	2.7	.4	.0							7.5	6.3
NNW	1.0	1.6	1.1	.1	.0							3.9	5.5
VARBL													
CALM												19.2	
	15.7	30.4	27.8	6.0	.8	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 20541

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.5	.2	.0	.0	.0					1.9	6.2
NNE	.3	.3	.3	.1	.0	.0	.0					1.1	6.9
NE	.5	.5	.3	.2	.0	.0	.0					1.5	6.8
ENE	.5	.5	.3	.1	.0	.0	.0					1.5	6.2
E	1.4	2.1	1.3	.3	.1	.0	.0	.0				5.2	6.1
ESE	1.5	3.1	3.0	.8	.2	.0	.0	.0				8.6	6.9
SE	1.8	3.7	4.4	1.1	.2	.0	.0	.0				11.2	7.0
SSE	1.0	1.8	1.7	.4	.1	.0	.0					5.1	6.7
S	1.0	1.4	.9	.2	.0	.0	.0					3.5	5.9
SSW	.5	.9	.5	.2	.0	.0	.0					2.2	6.3
SW	.9	1.3	.9	.2	.1	.0						3.3	5.9
WSW	.8	1.8	1.2	.1	.0	.0						3.9	5.8
W	1.6	4.3	4.2	.5	.0	.0						10.7	6.4
WNW	1.3	3.5	4.7	1.0	.0							10.5	7.0
NW	1.4	3.0	3.7	.6	.0		.0					8.8	6.7
NNW	.8	1.2	1.1	.2	.0	.0						3.4	6.0
VARBL													
CALM												17.7	
	15.9	30.0	28.9	6.1	1.0	.2	.1	.0				100.0	[illegible].4

TOTAL NUMBER OF OBSERVATIONS 21018

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	.4	.2	.1	.0	.0					2.1	5.8
NNE	.4	.3	.3	.2	.0							1.2	6.4
NE	.5	.5	.3	.1	.1	.0	.0					1.4	6.3
ENE	.6	.5	.3	.1	.1	.0						1.6	5.9
E	1.6	2.5	1.4	.3	.1	.0	.0	.0		.0		5.9	5.8
ESE	1.8	3.6	2.5	.5	.1	.0	.0	.0				8.6	6.1
SE	2.1	4.7	4.0	.8	.1	.1	.0	.0				11.8	6.5
SSE	1.5	2.3	1.7	.5	.1	.0	.0	.0				6.1	6.2
S	1.2	1.4	.8	.1	.1	.0	.0					3.7	5.5
SSW	.7	1.0	.6	.2	.0	.0						2.6	5.8
SW	1.1	1.5	.8	.2	.0	.0						3.6	5.5
WSW	.9	1.7	1.2	.1	.0							3.9	5.6
W	1.6	4.2	3.0	.3	.0							9.1	5.9
WNW	1.4	3.3	3.2	.3	.0							8.2	6.2
NW	1.6	2.8	2.1	.2	.0							6.7	5.7
NNW	.8	1.1	.7	.1	.0	.0						2.7	5.6
VARBL													
CALM												20.9	
	18.4	32.3	23.2	4.1	.8	.2	.0	.0		.0		100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 21502

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — 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	.7	.6	.4	.1	.0	.0	.0					1.8	5.5
NNE	.4	.3	.2	.2	.0	.0	.0					1.1	7.0
NE	.6	.6	.4	.2	.0	.0						1.8	6.1
ENE	.8	.8	.4	.1	.0							2.1	5.1
E	2.3	3.2	1.7	.6	.1	.0						7.9	5.7
ESE	2.6	4.0	3.1	.8	.2	.0	.0	.0				10.7	6.3
SE	2.9	4.9	4.0	.8	.1	.0						12.7	6.2
SSE	1.6	2.2	1.9	.4	.1	.0						6.2	6.1
S	1.2	1.3	.9	.2	.0	.0			.0			3.6	5.6
SSW	.7	.7	.6	.2	.1	.0	.0					2.3	6.4
SW	.9	1.2	.8	.3	.1							3.2	6.0
WSW	.7	1.4	.9	.2	.0	.0						3.2	5.7
W	1.7	3.4	1.9	.1	.0							7.1	5.4
WNW	1.3	2.3	2.0	.1	.0	.0						5.8	5.9
NW	1.5	2.1	1.3	.1								5.0	5.2
NNW	.8	1.1	.5	.0	.0							2.4	4.9
VARBL													
CALM												23.0	
	20.8	30.0	20.8	4.4	.8	.2	.0	.0	.0			100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 20380

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.7	.6	.2	.1	.0	.0						1.6	4.7
NNE	.6	.3	.1	.1	.0							1.1	4.7
NE	.6	.6	.3	.1	.0							1.6	5.2
ENE	.9	1.1	.6	.1	.0	.0						2.8	5.6
E	2.7	3.5	1.9	.5	.1	.0						8.7	5.5
ESE	3.0	4.7	3.4	.9	.1	.0						12.1	6.0
SE	3.5	4.7	3.3	.6	.1	.0						12.2	5.7
SSE	1.2	1.3	1.0	.2	.0		.0					3.8	5.5
S	1.2	.9	.6	.1	.0	.0						2.9	5.0
SSW	.7	.6	.5	.3	.1	.0	.0					2.1	6.7
SW	.9	.9	.6	.2	.0	.0						2.7	5.9
WSW	.9	1.0	.6	.1	.0	.0						2.6	5.3
W	2.1	2.8	1.2	.2	.0	.0						6.3	5.1
WNW	1.5	2.0	1.2	.2	.0	.0						4.9	5.4
NW	1.5	1.3	.7	.1	.0							3.5	4.8
NNW	.7	.8	.3	.0	.0							1.8	4.6
VARBL													
CALM												29.3	
	22.8	27.1	16.3	3.8	.6	.1	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 20902

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.6	.2	.1	.0							1.8	4.5
NNE	.6	.4	.3	.2	.0							1.5	6.1
NE	.8	.8	.5	.2	.0							2.3	5.6
ENE	1.2	1.2	.6	.2	.0							3.1	5.1
E	3.6	3.8	1.7	.5	.1	.0						9.6	5.2
ESE	4.1	4.9	2.3	.4	.1	.0						11.8	5.1
SE	3.6	3.6	2.2	.3	.0							9.6	5.0
SSE	1.2	1.2	.6	.2	.0	.0						3.2	4.9
S	1.1	.8	.4	.1	.1	.0						2.4	5.1
SSW	.6	.6	.4	.2	.0	.0						1.9	6.1
SW	1.2	.8	.5	.1	.0							2.5	4.8
WSW	1.0	.8	.4	.1	.0							2.3	4.8
W	2.2	2.3	.8	.1								5.4	4.5
WNW	1.6	1.6	.6	.1	.0	.0						4.0	4.7
NW	1.5	1.2	.5	.1	.0	.0						3.3	4.6
NNW	.9	.6	.4	.1		.0						1.9	4.8
VARBL													
CALM												33.3	
	26.0	25.1	12.3	2.8	.4	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 19928

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.8	.5	.3	.1								1.6	4.4
NNE	.5	.5	.3	.1	.0							1.3	5.5
NE	1.0	.9	.6	.2	.0							2.7	5.4
ENE	1.3	1.2	.5	.1	.0							3.2	4.8
E	3.8	4.1	1.5	.2	.0	.0						9.7	4.6
ESE	3.8	5.3	2.5	.3	.0	.0						11.9	5.1
SE	3.3	3.8	1.9	.2	.0	.0						9.2	4.9
SSE	1.3	1.0	.5	.1	.0	.0						2.8	4.8
S	.9	.7	.4	.2	.1	.0						2.3	5.5
SSW	.7	.6	.4	.2	.1	.0						1.9	5.8
SW	1.1	.7	.4	.1	.0							2.2	4.5
WSW	.9	.8	.3	.1	.0	.0						2.1	4.6
W	2.1	1.7	.7	.2	.0	.0						4.7	4.7
WNW	1.5	1.3	.6	.1	.0	.0	.0					3.5	4.9
NW	1.3	.9	.4	.1	.0							2.7	4.5
NNW	.7	.5	.2	.1								1.5	4.4
VARBL													
CALM												36.7	
	24.9	24.4	11.2	2.3	.4	.1	.0					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 19994

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-61,64-65,73 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.3	.1								1.1	5.1
NNE	.4	.2	.2	.1								.8	4.6
NE	1.0	.4	.4	.2	.2							2.2	6.7
ENE	2.2	1.6	.4		.1							4.2	4.1
E	4.6	7.1	1.5	.1	.1							13.3	4.6
ESE	7.5	10.8	3.9	.2								22.5	4.7
SE	5.6	6.4	2.8	.3	.1							15.1	4.8
SSE	1.1	1.2	.5	.2								3.0	5.5
S	.8	.1		.1	.1							1.1	4.2
SSW	.2	.1	.1	.1								.4	6.3
SW	.6	.3	.4									1.3	4.9
WSW	.3	.1	.2	.2								.7	7.2
W	.2	.3	.1	.1		.1						.7	6.8
WNW	.3	.1	.2	.2								.7	7.0
NW	.4	.3	.1	.1		.1						.9	5.6
NNW	.2	.3	.1									.5	4.5
VARBL													
CALM												31.6	
	25.7	29.6	11.0	1.6	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1888

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	.4	.7	.1									1.2	4.6
NNE	.4	.3	.1									.8	4.2
NE	.9	.8	.5	.3	.0	.0	.0					2.7	6.7
ENE	2.0	1.8	.3	.0								4.1	4.0
E	5.4	9.7	2.4									17.6	4.6
ESE	7.0	10.9	4.4	.3								22.5	4.9
SE	4.9	5.6	2.7	.2		.0						13.5	4.8
SSE	1.0	.9	.4	.2								2.4	5.0
S	1.1	.5	.1	.0								1.8	3.8
SSW	.2	.4	.1	.1								.8	6.1
SW	.3	.6	.3									1.2	5.3
WSW	.2	.3	.3									.8	5.8
W	.3	.1	.2									.6	4.6
WNW	.3	.1	.2									.6	5.5
NW	.4	.2	.2									.8	4.3
NNW	.1	.2	.0									.4	4.6
VARBL													
CALM												28.2	
	25.0	33.0	12.3	1.2	.0	.1	.(					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2174

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.1	.1								.6	5.9
NNE	.7	.4	.3	.0								1.3	4.7
NE	1.1	.9	.3	.1	.1	.0						2.5	5.3
ENE	1.9	2.3	.7	.0								5.0	4.5
E	6.4	10.0	1.8	.0								18.3	4.3
ESE	7.7	10.6	4.1	.2								22.6	4.7
SE	5.5	4.9	2.5	.1	.1		.0					13.1	4.9
SSE	1.4	.8	.4	.0								2.7	4.2
S	.9	.5	.3	.1								1.7	4.5
SSW	.3	.6	.3	.1	.0	.0						1.3	6.1
SW	.4	.7	.2	.1								1.4	5.5
WSW	.2	.2	.2									.6	5.2
W	.3	.1	.2	.0								.6	5.2
WNW	.4	.3	.2									.9	4.3
NW	.2	.1	.1	.1								.5	5.8
NNW	.3	.1	.1									.6	4.0
VARBL													
CALM												26.4	
	27.9	32.6	11.8	1.0	.2	.1	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2708

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.2	.2			.0						1.1	4.6
NNE	.5	.2	.3	.3								1.4	6.6
NE	1.2	.5	.3	.6	.2	.1						2.9	7.2
ENE	1.2	.7	.6	.1								2.6	4.9
E	4.0	2.6	1.1	.1	.1							7.9	4.3
ESE	3.8	4.3	1.9	.3	.1							10.4	5.0
SE	4.3	5.1	3.1	.7	.0							13.3	5.4
SSE	2.1	1.5	.5	.1								4.2	4.4
S	2.1	1.1	.3	.1								3.5	4.0
SSW	1.0	.8	.7	.3		.0						2.8	5.9
SW	1.6	.9	.7	.3								3.4	5.1
WSW	1.1	.7	.4	.1	.0							2.4	5.0
W	1.3	.9	.3	.1								2.6	4.3
WNW	1.1	.6	.1	.1								2.0	4.4
NW	.6	.2	.2	.1								1.2	5.3
NNW	.3	.3	.1									.7	4.0
VARBL													
CALM												37.5	
	26.8	20.7	11.0	3.4	.4	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2874

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFF ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.5	.3								2.6	5.3
NNE	.9	1.0	.3	.3	.1							2.7	6.1
NE	1.1	.8	.7	.2		.0						2.8	5.8
ENE	.8	.6	.5	.4	.0							2.3	6.4
E	1.2	1.1	1.0	.7	.2	.0						4.2	7.1
ESE	.9	.9	.6	.4		.0						2.8	6.4
SE	1.4	1.5	1.[illegible]	.3	.0							4.2	5.7
SSE	1.2	1.0	.[illegible]	.1								3.1	5.0
S	.9	1.0	.9	.1								2.9	5.6
SSW	1.2	1.2	.6	.3								3.3	5.3
SW	2.3	1.3	.8	.3	.1							4.8	5.0
WSW	2.7	1.7	1.1	.3	.0							5.9	5.0
W	3.9	3.1	1.3	.5								8.8	4.8
WNW	2.6	2.3	.9	.3	.1	.0						6.2	5.1
NW	2.4	1.4	.7	.2	.0							4.7	4.7
NNW	1.0	.7	.6	.1		.0						2.4	5.3
VARBL													
CALM												36.3	
	25.6	20.1	12.4	4.8	.6	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2884

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	1.2	1.0	.8	.4								3.3	5.7
NNE	.9	.5	.5	.3	.0							2.4	6.0
NE	.9	.9	.4	.4	.1							2.6	6.2
ENE	.4	.6	.4	.3								1.6	6.5
E	.9	1.0	1.4	.4								3.7	6.6
ESE	.7	.7	.9	.4	.1							2.8	7.2
SE	.8	1.0	.7	.3								2.8	5.7
SSE	.4	.6	.3									1.3	5.0
S	.8	.7	.6	.1								2.2	5.4
SSW	1.0	.5	.5	.3	.1							2.4	6.1
SW	1.4	1.2	.6	.2	.0							3.4	5.3
WSW	2.5	2.1	.7	.2								5.5	4.6
W	5.6	5.4	2.3	.7	.0							14.1	5.0
WNW	3.6	4.4	1.6	.7	.1							10.5	5.2
NW	3.3	2.5	.9	.5								7.2	4.7
NNW	1.5	1.3	.6	.1								3.5	4.7
VARBL													
CALM												30.6	
	25.9	24.5	13.3	5.1	.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2797

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	2.1	1.4	.5	.2								4.2	4.3
NNE	1.5	.7	.2	.2								2.6	4.4
NE	1.6	1.1	.8	.2								3.7	5.0
ENE	2.1	2.1	.7	.2								5.1	4.5
E	3.2	2.0	.8	.1								6.1	4.2
ESE	2.3	1.4	.6	.2	.0							4.5	4.5
SE	1.3	.9	.9	.1	.0							3.3	5.2
SSE	.6	.6	.1									1.3	3.9
S	.8	.5	.2	.0								1.5	4.5
SSW	.8	.3	.4	.2		.0						1.7	6.4
SW	.8	.4	.4	.1	.0							1.7	5.2
WSW	1.1	1.0	.4	.0	.0							2.6	4.6
W	2.8	2.1	.5	.2								5.5	4.2
WNW	2.5	1.6	.4	.2								4.8	4.3
NW	2.4	1.3	.3	.1								4.1	3.8
NNW	1.2	.9	.2	.1								2.4	4.0
VARBL													
CALM												45.0	
	27.2	18.2	7.3	2.1	.2	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 2528

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	.1									1.0	3.9
NNE	.7	.4	.3									1.4	4.6
NE	1.0	1.5	1.0	.2								3.7	5.7
ENE	2.1	2.0	.5	.4	.0							5.1	5.0
E	6.5	5.7	1.0									13.1	3.9
ESE	6.5	6.3	1.4	.1	.1							14.5	4.2
SE	5.2	4.4	1.2	.2								10.9	4.2
SSE	1.3	.7	.2									2.1	3.7
S	1.0	.3	.4	.2								1.9	5.6
SSW	.4	.3	.5	.2	.0							1.5	7.5
SW	.4	.7	.4		.0							1.6	5.7
WSW	.5	.2	.0	.0	.1							1.0	5.4
W	.5	.3	.0	.1								1.0	4.4
WNW	.6	.4	.4	.1								1.5	5.4
NW	.4	.3	.3									1.0	5.1
NNW	.4	.0	.1	.0								.6	4.5
VARBL													
CALM												38.0	
	28.1	24.0	7.9	1.7	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2102

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-60,64-65,73 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.2	.1								1.1	5.6
NNE	.3	.3	.1	.1								.7	4.9
NE	.5	.5	.3	.2	.1							1.6	6.5
ENE	1.0	1.0	.4	.1								2.5	4.9
E	4.6	5.9	1.9	.2	.1							12.7	4.8
ESE	8.3	9.6	4.9	.1								22.8	4.8
SE	6.4	6.1	3.1	.4								16.0	4.8
SSE	1.7	.9	.8	.1								3.6	5.0
S	.5	.5	.1	.1								1.3	5.0
SSW	.7	.5	.7	.1								2.0	5.6
SW	.5	.4	.5	.2	.1							1.7	7.1
WSW	.3	.1	.2									.6	5.0
W	.4	.3	.2	.3								1.2	6.9
WNW	.8	.2	.4									1.4	4.6
NW	.5	.3	.2									1.0	4.5
NNW	.5	.2	.2									.9	4.3
VARBL													
CALM												28.7	
	27.3	27.5	14.3	2.0	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1660

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	.6	.3	.3	.2								1.5	5.8
NNE	.3	.3	.1	.1								.7	4.8
NE	.7	.4	.5	.1	.1							1.7	5.8
ENE	1.1	1.5	.4	.1								3.0	4.7
E	6.0	8.3	3.1	.2	.1							17.7	4.8
ESE	6.9	11.2	5.7	.3								24.1	5.1
SE	4.7	6.0	3.2	.2								14.0	5.0
SSE	1.2	1.2	.4									2.8	4.3
S	.8	.5	.3	.1								1.7	4.6
SSW	.5	.5	.5	.1								1.5	5.6
SW	.4	.6	.2	.2								1.4	5.5
WSW	.3	.4	.2									.9	4.8
W	.4	.3	.4	.3	.1							1.4	7.5
WNW	.2	.4	.2	.1								.8	5.6
NW	.3	.4	.2									.8	4.9
NNW	.3	.6	.4	.1								1.4	5.5
VARBL													
CALM												24.6	
	24.9	32.7	15.9	1.8	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1922

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.2									.7	5.1
NNE	.2	.5	.1	.1	.1							1.0	6.4
NE	.9	.4	.2	.1	.0							1.6	4.6
ENE	1.6	1.6	.3	.0								3.6	4.1
E	5.4	8.8	2.5	.2		.0						17.0	4.8
ESE	6.8	10.5	5.5	.4	.0	.0						23.2	5.2
SE	4.0	6.7	3.8	.1								14.6	5.2
SSE	1.8	1.6	.2									3.6	3.9
S	1.0	.7	.2	.0								2.0	4.0
SSW	.1	.3	.4	.1								1.0	7.1
SW	.5	.5	.4	.2								1.5	6.0
WSW	.2	.3	.3									.9	5.2
W	.3	.5	.3	.5								1.7	7.2
WNW		.3	.2	.0								.6	6.9
NW	.3	.2	.1									.5	3.9
NNW	.2	.3	.1									.6	4.7
VARBL													
CALM												25.9	
	23.6	33.7	14.8	1.7	.2	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	.4	.1	.4	.3	.0							1.2	7.3
NNE	.3	.3	.2	.2								1.0	6.8
NE	.5	.5	.4	.3	.1							1.7	7.2
ENE	1.0	.4	.1	.2								1.8	4.5
E	1.8	1.8	1.3	.4	.1	.0	.1					5.6	6.2
ESE	3.2	3.4	2.5	.7								9.8	5.5
SE	4.6	6.2	4.8	.8								16.3	5.7
SSE	2.4	2.3	1.6	.2								6.5	5.0
S	1.6	1.2	.5	.3								3.6	4.7
SSW	1.4	1.0	.7	.4	.1							3.6	5.9
SW	1.3	.8	.8	.3	.1							3.4	5.9
WSW	1.2	.5	.4	.2								2.4	4.8
W	1.2	1.2	.5	.4	.1							3.3	5.7
WNW	1.1	.6	.3	.4								2.4	5.4
NW	.7	.5	.4	.2	.1							1.8	6.1
NNW	.4	.2	.2	.2		.0						1.0	6.9
VARBL													
CALM												34.7	
	23.0	21.1	15.1	5.3	.6	.1	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2563

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	.9	.9	.3	.2								2.3	5.1
NNE	.7	.5	.4	.2	.0							1.8	5.9
NE	.7	.5	.3	.1								1.6	5.2
ENE	.8	.2	.3	.0								1.4	4.3
E	.8	.9	1.0	.7	.2	.1						3.7	8.2
ESE	.9	.9	1.3	.4	.2							3.6	7.1
SE	1.2	1.4	1.4	.5	.0							4.4	6.4
SSE	1.2	1.0	1.3	.2	.0							3.7	6.0
S	1.7	1.6	1.3	.5	.1	.0						5.1	6.1
SSW	1.4	1.3	1.6	.3	.0							5.2	5.9
SW	1.8	1.7	.6	.6	.2							4.9	6.0
WSW	1.7	2.1	1.5	.5	.1	.0						5.9	6.2
W	3.2	4.3	2.0	.9	.0							10.4	5.6
WNW	2.2	2.2	1.7	.7	.4	.1						7.3	6.9
NW	1.7	2.0	1.2	.4	.1	.0	.0					5.5	6.1
NNW	.8	.7	.4	.2								2.1	5.4
VARBL													
CALM												31.0	
	21.7	22.5	16.6	6.4	1.4	.3	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2577

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (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	1.0	.8	.6	.3		.1						2.8	6.3
NNE	.4	.4	.5	.2	.0							1.5	6.5
NE	.2	.7	.3	.2								1.4	6.9
ENE	.4	.4	.5	.1								1.5	6.0
E	.9	.8	.9	.5	.2	.0						3.3	7.7
ESE	.5	.8	1.2	.1								2.6	6.6
SE	.8	.9	.9	.2	.1							2.8	6.2
SSE	.4	.5	.2	.2	.0							1.4	6.4
S	.8	.5	.7	.4	.1							2.5	7.2
SSW	.7	.7	.9	.4	.2	.0						2.9	7.7
SW	1.3	1.4	1.3	.5	.0	.0						4.6	6.5
WSW	1.7	2.5	1.4	.8	.2	.0						6.7	6.8
W	4.6	7.8	4.0	1.4	.1	.0						18.0	5.8
WNW	3.5	5.8	3.4	.8	.2	.1	.0					13.8	5.9
NW	2.3	3.7	2.4	.4	.2	.0						9.1	5.9
NNW	1.2	1.6	.6	.3	.1							3.7	5.5
VARBL													
CALM												21.3	
	20.6	29.3	19.8	7.0	1.6	.4	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2500

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.3	.3	.2	.0							3.2	4.6
NNE	1.3	1.1	.4	.3								3.0	5.0
NE	1.5	1.0	.7	.2								3.4	5.0
ENE	1.6	1.3	.5	.1								3.4	4.6
E	1.7	1.9	.7	.2	.1							4.5	5.1
ESE	1.1	1.1	.6	.2								2.9	5.2
SE	1.5	.8	.5	.0	.2							3.0	5.3
SSE	.7	.5	.3									1.5	4.2
S	.8	1.0	.3	.1	.0							2.1	5.0
SSW	.4	.7	.6	.4		.0						2.1	7.2
SW	1.1	1.0	.7	.0	.1	.0						2.9	5.9
WSW	1.0	1.0	.6	.2	.0							2.9	5.3
W	3.1	3.4	1.4	.4	.1							8.4	5.0
WNW	3.5	3.2	.8	.4	.0	.0						8.0	4.8
NW	2.9	1.1	.6	.1	.0							4.7	4.3
NNW	2.1	1.5	.4	.2	.0							4.2	4.5
VARBL													
CALM												39.7	
	25.5	21.9	9.2	2.9	.7	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2239

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-60,62-74 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.5									1.7	4.7
NNE	.6	.3	.1	.2	.1							1.2	5.7
NE	1.3	1.5	.5	.1								3.5	4.7
ENE	2.1	1.6	.5	.2								4.4	4.2
E	4.9	4.4	.9	.2	.1							10.4	4.2
ESE	6.9	5.0	1.3	.2	.1							13.4	4.2
SE	4.4	3.5	1.0	.2								9.2	4.4
SSE	1.9	1.1	.1	.1								3.1	3.8
S	1.0	1.0	.4	.2	.1							2.7	5.4
SSW	.7	.5	.5	.3								2.0	6.4
SW	.7	.5	.5	.3	.1							2.1	6.7
WSW	.2	.3	.3	.1								.8	6.4
W	.7	.5	.2	.1	.1							1.6	5.8
WNW	.5	.3	.2	.1	.1							1.3	5.9
NW	.8	.6	.2	.1								1.7	4.8
NNW	.4	.4	.2	.2								1.2	5.6
VARBL													
CALM												39.7	
	27.9	22.2	7.4	2.4	.4							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 1822

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

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-60,64-65,73-74 — YEARS
MAR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4	.3	.1		.1						1.9	5.5
NNE	.3	.1	.6	.2	.1							1.3	7.4
NE	1.4	1.0	.5	.1								3.1	4.8
ENE	.6	.8	[illegible]									2.0	5.2
E	3.8	4.4	[illegible]									9.8	4.5
ESE	5.2	7.9	[illegible]	.2								17.1	5.0
SE	4.3	8.7	4.5	.3	.1							18.0	5.4
SSE	1.6	1.7	.9	.1	.1							4.2	5.0
S	1.2	1.6	.5	.2	.1							3.5	5.5
SSW	.7	.6	.6	.2	.1							2.1	6.1
SW	.6	1.2	1.6	.1								3.5	6.3
WSW	.5	.5	.1	.1								1.3	4.8
W	.5	.5	.6									1.7	5.4
WNW	.3	.4	.2	.1								.9	5.5
NW	.8	.6	.3	.1								1.8	4.3
NNW	.1	.4	.4	.1								1.0	6.8
VARBL													
CALM												26.9	
	23.0	30.9	17.1	1.7	.4	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1864

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.3	.5	.0								1.8	4.6
NNE	.4	.3	.4									1.1	5.6
NE	1.7	.4	.3									2.4	3.8
ENE	.7	1.0	.3									2.0	4.5
E	5.4	8.4	2.9	.1								16.8	4.8
ESE	4.3	10.8	5.4	.3								20.8	5.4
SE	4.1	7.5	4.9	.5	.0							17.1	5.6
SSE	1.1	1.8	.7									3.5	4.9
S	1.2	.9	.4	.2	.2							3.1	6.0
SSW	.3	.7	.6	.2								1.8	6.4
SW	1.1	.6	1.1	.2								3.0	5.7
WSW	.3	.3	.6									1.2	5.9
W	.4	.4	.1	.1								.9	5.1
WNW	.3	.2	.2	.0								.7	5.3
NW	.6	.5	.1	.1								1.3	4.9
NNW	.3	1.7	.4	.2								2.6	5.8
VARBL													
CALM												19.9	
	23.3	35.7	18.9	1.9	.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2163

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (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	.3	.4	.1	.1								.9	5.7
NNE	.2	.3	.3	.1								.8	6.3
NE	.7	.1	.3	.1								1.3	5.3
ENE	1.1	1.0	.2	.0								2.3	4.2
E	4.5	9.4	2.5	.1								16.5	4.7
ESE	4.9	12.5	6.2	.1								23.8	5.4
SE	4.1	9.2	6.1	.6	.1							20.0	5.7
SSE	.9	1.5	1.0	.1								3.5	5.3
S	1.3	1.1	.7	.2	.1	.0						3.4	5.7
SSW	.6	.5	.9	.3	.1							2.4	7.1
SW	1.0	.4	.8	.2	.0							2.5	6.3
WSW	.4	.2	.2	.1	.0							.9	6.1
W	.4	.1	.1	.0								.7	4.3
WNW	.1	.1	.1	.1								.4	6.3
NW	.4	.3	.3	.1								1.1	5.5
NNW	.1	.3	.3	.0								.8	6.3
VARBL													
CALM												18.6	
	21.0	37.7	20.2	2.2	.3	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2715

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (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	.7	.2	.3	.0								1.2	5.0
NNE	.3	.2	.3	.4								1.2	8.4
NE	.4	.2	.2	.1	.0							.9	6.1
ENE	.6	.2	.2	.2								1.2	5.8
E	1.7	1.3	.9	.4	.0							4.4	5.5
ESE	1.9	2.7	2.1	.5	.0							7.3	5.9
SE	3.9	5.7	5.0	1.1	.1							15.9	6.0
SSE	2.3	2.7	2.4	.5	.0	.0						8.1	5.8
S	2.9	1.8	1.2	.6	.1							6.5	5.4
SSW	1.2	.9	1.3	.8	.1	.0						4.3	7.5
SW	2.0	1.7	2.2	.6	.1							6.5	6.3
WSW	1.3	1.1	.8	.5	.0	.0	.0					3.8	6.5
W	1.7	1.2	1.3	.4	.2	.1						4.9	6.6
WNW	1.0	.7	.6	.1	.1							2.4	5.8
NW	.9	.4	.3	.1	.1							1.8	5.3
NNW	.5	.2	.3	.1								1.1	5.6
VARBL													
CALM												28.4	
	23.2	21.2	19.6	6.6	.8	.2	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2912

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

DATA PRUCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (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	1.1	1.1	.5	.1								2.7	4.8
NNE	.4	.3	.4	.2								1.3	6.4
NE	.5	.4	.3		.0							1.2	5.2
ENE	.4	.4	.4			.0						1.2	5.9
E	.7	.4	.6	.4	.0							2.2	6.8
ESE	.5	.8	.5	.2								2.1	6.0
SE	1.0	.8	1.2	.3	.1							3.5	6.5
SSE	.9	1.0	.6	.3	.2							3.0	6.5
S	1.5	1.9	1.3	.4	.1	.0						5.3	6.2
SSW	1.2	1.4	1.4	1.0	.1	.0						5.2	7.3
SW	2.3	2.4	2.6	1.1	.2	.0						8.6	6.8
WSW	1.6	3.8	2.8	.9	.3							9.4	6.8
W	3.5	5.4	4.3	1.2	.4	.2						15.1	6.7
WNW	1.6	3.8	3.0	.5	.2	.0						9.2	6.5
NW	2.7	2.7	1.8	.5	.1							7.8	5.5
NNW	1.0	1.3	.6	.1			.0					2.9	5.1
VARBL													
CALM												19.4	
	21.0	27.9	22.3	7.2	1.7	.4	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2927

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (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	1.7	1.3	.6	.3			.0					3.9	5.3
NNE	.6	.5	.2	.2								1.4	5.4
NE	.5	.4	.2	.0								1.1	4.8
ENE	.1	.3	.1	.0								.6	5.5
E	.3	.6	.5	.2								1.5	6.4
ESE	.5	.4	.4	.3	.0							1.5	7.3
SE	.2	.7	.8	.2	.1							2.0	7.5
SSE	.2	.5	.5	.2								1.4	6.8
S	.5	.7	.8	.5	.1	.1						2.7	8.5
SSW	.7	1.1	.9	.7	.4	.1						3.9	8.6
SW	1.1	1.7	1.2	.7	.3	.2						5.1	8.2
WSW	1.5	2.5	2.5	1.5	.3	.0						8.4	7.7
W	3.1	8.3	8.2	2.5	.9	.1						23.1	7.4
WNW	2.5	3.2	4.1	.9	.3	.1						16.1	6.6
NW	3.2	5.1	3.0	.4	.1	.0						11.7	5.7
NNW	1.1	1.8	.6	.1								3.8	5.2
VARBL													
CALM												11.5	
	17.8	32.0	26.7	8.8	2.5	.6	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2843

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	1.9	.4	.3	.0							6.1	4.3
NNE	1.4	.5	.4	.0	.0							2.4	4.5
NE	1.0	1.1	.5									3.2	4.2
ENE	.7	.9	.4	.0								2.1	4.8
E	1.1	1.1	.4	.2								2.8	5.0
ESE	.6	.7	.4	.2								1.9	5.6
SE	.6	.9	.5	.2	.1	.1						2.3	6.6
SSE	.7	.5	.4	.1								1.7	5.3
S	.7	.3	.3	.4	.1							1.8	7.0
SSW	.3	.6	.5	.3	.1							1.8	7.7
SW	1.5	1.7	1.4	.5	.0							5.1	6.2
WSW	.9	1.5	1.5	.4	.2							4.5	6.9
W	3.0	4.4	2.5	.7	.1							10.7	5.7
WNW	2.5	3.1	1.7	.5	.1	.0						8.3	5.7
NW	3.2	3.3	1.2	.2	.2	.0						8.1	5.0
NNW	2.2	2.0	.6	.2								4.9	4.4
VARBL													
CALM												32.6	
	24.3	24.6	13.2	4.2	.9	.2						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2549

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.5	.4	.1	.0							2.6	4.4
NNE	1.0	.3	.3	.1								1.8	4.7
NE	2.1	1.4	.9	.1								4.5	4.6
ENE	1.8	1.3	.3	.0								3.4	3.9
E	4.3	4.2	1.1	.1	.1							9.8	4.4
ESE	4.0	3.8	1.4	.1		.0						9.4	4.6
SE	4.1	3.8	1.9	.1	.0	.1						10.1	5.0
SSE	1.1	1.2	.6	.1								3.0	5.0
S	1.0	1.2	.6	.3								3.0	5.5
SSW	.9	1.3	.6	.6								3.3	6.2
SW	1.3	1.9	1.1	.2	.1							4.6	5.6
WSW	.5	.8	.9	.0								2.3	6.1
W	.7	.5	.7	.1	.0							2.0	6.2
WNW	.5	1.0	.3	.1								1.9	5.3
NW	1.0	.9	.1	.0	.0							2.1	4.3
NNW	.6	.5	.2	.1								1.4	5.2
VARBL													
CALM												34.7	
	26.5	24.5	11.4	2.4	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2151

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MA

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,64-65,73-74 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.2	.1								.8	6.1
NNE	.4	.3	.2									.8	4.6
NE	.5	.2	.5	.2	.1							1.4	7.1
ENE	.5	.9	.4	.1	.1							2.0	5.6
E	2.8	3.9	1.9	.1								8.8	4.9
ESE	3.9	6.2	3.6	.2								13.9	5.2
SE	6.9	10.5	4.1	.5		.1						22.0	5.0
SSE	1.6	1.9	.8	.1								4.4	4.7
S	1.2	1.2	1.3	.2	.1							3.9	6.0
SSW	.8	1.3	1.3	.2	.1							3.6	6.2
SW	.8	1.5	1.3	.4	.1							4.1	6.5
WSW	.6	.6	.3	.3	.1							1.8	6.6
W	.4	.5	.2	.2								1.2	5.9
WNW	.6	.1	.2									.9	4.4
NW	.4	.3	.4	.1								1.1	5.3
NNW	.3	.2	.2	.1								.8	5.7
VARBL													
CALM												28.3	
	21.8	30.1	16.8	2.6	.3	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.3	.2									.9	4.7
NNE	.2	.0			.1							.3	7.1
NE	.2	.5	.2	.2								1.1	6.9
ENE	.8	1.6	.5	.0								2.9	5.1
E	3.2	7.1	4.4	.1								14.9	5.5
ESE	4.6	9.5	7.2	.5								21.7	3.7
SE	4.9	10.4	8.4	.6								24.3	5.9
SSE	1.3	1.6	.9	.0								3.9	4.8
S	.6	.7	.7	.2								2.2	6.0
SSW	.2	.9	.9	.4	.1							2.5	7.5
SW	.6	.9	1.4	.5								3.4	7.2
WSW	.3	.3	.3	.1								1.1	6.4
W	.3	.5	.2									1.0	4.8
WNW	.1	.1	.2									.5	6.5
NW	.3	.3										.5	3.4
NNW	.2	1.1	.4									1.6	5.2
VARBL													
CALM												17.0	
	18.3	35.8	26.0	2.7	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2184

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.1	.2	.1									.4	4.7
NNE	.1	.1	.1	.0								.3	6.3
NE	.4	.1	.1									.7	4.4
ENE	.5	.7	.3	.1								1.6	5.4
E	2.9	5.0	2.9	.3								11.2	5.3
ESE	3.0	10.5	7.8	.7								22.1	6.0
SE	3.9	12.0	10.8	1.1								27.8	6.3
SSE	1.9	2.7	1.7	.4								6.7	5.5
S	.9	1.3	.6	.4								3.2	5.8
SSW	.3	.7	1.5	.3		.0						2.9	7.4
SW	.3	.7	1.4	.7	.0							3.1	8.2
WSW	.4	.4	.7	.1	.0							1.7	6.8
W	.3	.2	.2	.3								1.0	7.4
WNW	.1	.3	.2	.1								.6	6.1
NW	.1	.3	.2									.6	5.5
NNW	.1	.1	.2									.5	6.2
VARBL													
CALM												15.5	
	15.7	35.4	28.9	4.4	.1	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2714

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.5	.2	.3	.0								1.0	4.8
NNE	.3	.2	.2	.1	.0	.0						.9	6.8
NE	.4	.2	.2	.1	.0							.9	6.1
ENE	.3	.4	.3	.3								1.3	6.9
E	.9	.9	.6	.5	.1							3.0	6.7
ESE	1.1	2.0	1.4	.5	.1							5.1	6.5
SE	2.5	4.4	4.5	1.0	.1							12.5	6.5
SSE	2.4	3.7	2.8	.5								9.3	5.8
S	2.3	2.7	1.5	.7	.1							7.2	5.7
SSW	1.4	1.6	1.7	.8	.3							5.8	7.3
SW	2.3	2.1	2.2	.9	.3							7.7	6.7
WSW	1.2	2.2	2.1	.7	.2							6.4	6.8
W	2.4	2.1	1.5	.6	.1							6.7	5.8
WNW	1.4	1.7	1.1	.2	.0		.0					4.5	5.7
NW	.9	.8	.6	.2	.0							2.6	5.5
NNW	.4	.5	.3	.0								1.3	5.1
VARBL													
CALM												23.8	
	20.8	25.6	21.3	7.2	1.3	.0	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2892

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.9	.4	.1								1.8	5.5
NNE	.4	.3	.4		.0							1.1	5.4
NE	.3	.4	.2									1.0	5.2
ENE	.1	.3	.2	.0								.7	5.9
E	.2	.4	.6	.4								1.6	7.7
ESE	.3	.6	.4	.3								1.5	7.2
SE	.5	1.0	1.0	.4								3.0	6.7
SSE	.7	1.0	.9	.1	.0							2.8	6.3
S	1.1	1.5	1.7	.5	.2	.0						5.0	7.1
SSW	.8	2.4	2.2	1.0	.2		.0					6.7	7.6
SW	1.3	2.9	3.7	1.3	.3	.1						9.5	7.8
WSW	1.5	4.2	4.8	2.0	.6	.0						13.1	8.1
W	2.4	5.8	7.7	2.2	.2	.1						18.5	7.4
WNW	1.7	4.5	4.8	1.1	.1	.1						12.4	6.9
NW	1.4	3.3	2.7	.3	.0	.0						7.8	6.2
NNW	1.2	1.4	.4	.0								3.1	4.5
VARBL													
CALM												10.4	
	14.4	31.0	32.2	9.9	1.8	.3	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2905

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.7	.1								3.2	5.0
NNE	.0	.5	.3	.1		.0						1.0	8.0
NE	.1	.3	.2	.1		.0						.7	6.8
ENE	.1	.2	.2	.0								.7	5.9
E	.1	.5	.2	.1								.9	6.6
ESE	.2	.2	.2	.1								.7	6.5
SE	.3	.3	.4	.2			.0					1.2	7.3
SSE	.1	.6	.4	.2		.0			.0			1.3	8.0
S	.5	.5	.7	.4	.1	.1						2.3	8.0
SSW	.2	.8	1.3	.5	.2	.1						3.[illegible]	9.1
SW	.6	1.3	2.6	1.6	.4	.3						6.9	9.6
WSW	.8	2.8	4.6	2.1	.5	.1						10.8	8.8
W	1.6	6.7	9.6	4.2	.7	.1						22.7	8.4
WNW	1.7	6.7	8.7	2.0	.3	.0						19.3	7.4
NW	2.3	5.6	5.2	.9	.4	.0	.0					14.3	6.8
NNW	1.4	2.3	1.7	.3								5.7	5.9
VARBL													
CALM												4.9	
	11.2	30.6	37.2	12.7	2.5	.9	.1		.0			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2818

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	2.6	2.3	.7	.1	.0							5.7	4.4
NNE	1.1	.7	.3	.2								2.4	5.0
NE	.8	.6	.2	.1	.0							1.8	5.1
ENE	.5	.3	.4	.0								1.2	5.5
E	.5	.7	.2	.0								1.6	4.8
ESE	.6	.4	.4	.0								1.5	5.1
SE	.5	.5	.8	.2		.0						2.0	7.0
SSE	.4	.3	.2	.1								1.0	5.7
S	.4	.5	.3	.3	.0							1.7	7.1
SSW	.5	.7	.5	.5	.2	.1						2.6	8.8
SW	1.1	1.4	1.9	.5	.2							5.1	7.4
WSW	1.0	1.6	2.0	.8	.0	.0						5.4	7.2
W	2.7	4.9	4.0	.9	.1	.1						12.7	6.4
WNW	2.1	4.2	3.3	1.0	.2							10.7	6.5
NW	3.8	5.4	3.1	.9	.1	.0						13.2	5.6
NNW	3.6	3.6	1.2	.2	.1	.0						8.8	4.8
VARBL													
CALM												22.6	
	22.5	28.0	19.6	5.9	1.0	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2576

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	.4	.0								2.8	4.4
NNE	.8	.6	.4	.1								1.9	5.0
NE	1.1	1.1	.6	.2	.0	.0						3.1	6.0
ENE	1.3	1.5	.4	.0	.0							3.3	4.4
E	3.4	2.7	.7	.0								6.9	4.0
ESE	3.6	2.4	1.1	.1								7.3	4.4
SE	3.7	2.6	2.0	.4								8.7	5.1
SSE	1.3	.9	.6	.1	.1							3.0	5.3
S	1.5	.8	.8	.4								3.4	5.7
SSW	1.1	1.5	1.5	.5	.2							4.8	7.1
SW	1.2	2.5	2.0	.6	.0							6.3	6.5
WSW	.9	1.6	1.0	.3								3.8	5.9
W	.7	1.0	1.1	.0								2.9	5.7
WNW	.8	.7	.7	.1								2.4	5.6
NW	.9	1.1	.8	.1								2.9	5.3
NNW	1.0	.5	.3	.1								1.9	4.6
VARBL													
CALM												34.7	
	24.5	22.8	14.4	3.2	.4	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2138

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-61,63-65,68-70,72-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	.3	.1								1.0	6.0
NNE	.2	.3	.0									.5	4.0
NE	.4	.2	.2	.0								.9	5.0
ENE	.7	.8	.3	.1								2.0	5.0
E	3.8	4.2	2.5	.0								10.5	4.9
ESE	4.5	6.6	3.6	.2								14.9	5.1
SE	4.8	7.1	4.2	.3								16.4	5.3
SSE	1.8	1.9	.8	.1								4.6	4.6
S	1.8	2.0	.5	.2								4.6	4.7
SSW	.6	1.3	1.2	.4	.0							3.6	6.9
SW	.9	1.8	1.4	.6								4.8	6.6
WSW	.5	.7	1.0	.1								2.4	6.1
W	.4	.5	.1									1.1	4.3
WNW	.3	.5	.1	.0								1.0	4.7
NW	.2	.5	.0	.0								.8	4.9
NNW	.2	.1	.2	.0								.5	6.0
VARBL													
CALM												30.5	
	21.7	28.7	16.6	2.5	.0							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2076

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.0	.3	.3									.6	6.5
NNE	.0	.1	.1	.0								.3	6.3
NE	.3	.3	.2									.9	4.6
ENE	.5	1.4	.5	.0								2.5	5.1
E	4.1	8.9	4.1	.0								17.2	5.2
ESE	3.7	11.5	9.8	.6								25.6	6.1
SE	3.9	9.9	9.6	.5								23.9	6.1
SSE	1.4	1.8	.9	.1	.0							4.3	5.3
S	.6	.7	.3									1.7	4.6
SSW	.3	.5	.7	.2								1.6	6.8
SW	.6	.8	1.0	.3								2.6	6.8
WSW	.2	.3	.3	.1								.9	5.4
W	.3	.1	.1	.0								.6	4.9
WNW	.2	.2	.2									.6	5.3
NW	.1	.1	.2									.4	5.8
NNW	.2	.9	.4	.0								1.5	5.8
VARBL													
CALM												14.8	
	16.5	37.9	28.7	2.0	.0							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2325

USAFETAC FORM JUL 54 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 — STATION | WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME | 42-74 — 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	.0	.2	.1									.3	6.1
NNE	.1	.1	.2	.1								.5	7.0
NE	.4	.1	.1									.6	4.2
ENE	.4	.7	.4	.1								1.6	5.6
E	1.7	5.9	3.5	.5								11.6	5.9
ESE	3.4	9.2	11.4	1.4								25.4	6.6
SE	3.3	11.7	13.5	1.2	.0							29.8	6.6
SSE	1.3	2.9	2.2	.1								6.5	5.7
S	1.0	1.1	.6	.1								2.9	5.2
SSW	.4	.5	.7	.1								1.8	6.3
SW	.6	.8	.9	.1								2.5	6.3
WSW	.1	.3	.4	.2								1.0	8.0
W	.2	.3	.2									.8	5.1
WNW	.1	.1	.2									.5	6.0
NW		.2	.1									.3	5.4
NNW	.0	.1	.1	.1								.4	7.1
VARBL													
CALM												13.5	
	13.3	34.3	34.8	4.0	.0							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2820

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.1									.8	4.3
NNE	.2	.2	.2	.1								.7	5.7
NE	.2	.2	.0	.1								.6	6.1
ENE	.5	.2	.1	.1		.0						.9	5.4
E	1.0	.6	.4	.3	.1							2.9	7.3
ESE	1.7	1.7	1.3	.5	.2							5.5	6.4
SE	2.8	4.0	3.7	.6	.1							11.2	6.0
SSE	2.3	4.0	2.8	.5	.1							9.8	5.8
S	2.5	3.7	2.3	.5	.1							9.1	5.7
SSW	1.9	1.8	2.2	.4	.1							6.4	6.2
SW	2.1	2.5	2.4	.7	.1							7.8	6.3
WSW	1.3	1.9	1.7	.3	.0							5.2	6.0
W	2.0	2.4	1.3	.2	.1							6.0	5.4
WNW	1.0	1.7	.8	.2								3.7	5.4
NW	1.2	1.0	.5	.0								2.7	4.5
NNW	.6	.3	.2	.1								1.2	4.6
VARBL													
CALM												25.4	
	21.9	26.6	20.1	5.1	.9	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2986

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	- 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.4	.2	.0								1.4	4.4
NNE	.3	.3	.0	.1								.8	4.9
NE	.4	.2	.1	.1								.8	4.9
ENE	.2	.1	.4	.1								.8	7.1
E	.2	.6	.5	.3								1.6	7.0
ESE	.4	.6	.4	.3	.0							1.8	6.9
SE	.6	.7	1.5	.2								3.1	7.0
SSE	.6	1.1	1.5	.4	.0							3.7	7.0
S	1.1	2.2	2.3	.8	.1	.0						6.6	7.0
SSW	.8	2.2	2.9	1.2	.2	.0						7.4	8.0
SW	1.2	3.8	4.7	1.8	.3	.1						11.8	7.8
WSW	1.5	4.0	4.6	1.8	.3	.0						12.2	7.6
W	2.1	6.6	7.3	2.0	.2							18.1	7.1
WNW	1.7	4.6	5.3	.8	.1							12.3	6.7
NW	1.5	2.9	2.9	.3	.0							7.6	6.1
NNW	.8	.6	.7	.2	.0							2.3	5.8
VARBL													
CALM												7.7	
	14.1	31.0	35.4	10.3	1.2	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2989

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.6	.2	.0							2.1	6.3
NNE	.1	.2	.1	.2	.1							.6	9.6
NE	.2	.1	.1	.0								.4	5.5
ENE	.1		.3	.1								.4	8.2
E	.1	.2	.3	.1								.8	7.3
ESE	.1	.3	.3	.4								1.1	8.3
SE	.2	.2	.4	.1		.0						.9	7.5
SSE	.3	.7	.3	.1								1.4	5.7
S	.3	.7	.6	.3	.0							2.0	7.2
SSW	.3	1.2	1.5	1.2	.1	.0			.0			4.4	9.1
SW	.7	1.7	3.1	2.1	.4	.1						8.1	9.3
WSW	.9	3.2	5.2	3.2	.3							12.7	8.8
W	1.5	7.1	10.5	3.0	.6							22.7	8.0
WNW	1.7	6.2	8.2	2.3	.2							18.6	7.4
NW	1.3	5.4	6.8	.6	.0							14.2	6.7
NNW	.6	2.4	2.2	.4	.0							5.7	6.7
VARBL													
CALM												3.8	
	9.1	30.3	40.5	14.4	1.8	.1			.0			100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2902

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.2	.2	.1								4.7	4.1
NNE	.6	.4	.2	.2	.1							1.6	6.2
NE	.3	.2	.3	.2								.9	7.0
ENE	.0	.1	.1	.0								.3	8.0
E	.2	.2	.5	.0								.9	6.8
ESE	.1	.1	.3	.1								.6	7.8
SE	.1	.2	.2	.1	.0							.7	7.7
SSE	.2	.2	.1									.5	4.4
S	.3	.2	.3	.1			.0					.9	7.3
SSW	.3	.3	.6	.4	.2	.0						1.9	9.3
SW	1.2	1.5	1.5	1.0	.1							5.4	7.5
WSW	.9	2.4	2.3	1.1	.1							6.8	7.4
W	2.2	5.1	4.5	.9	.1	.0						12.9	6.5
WNW	2.9	5.4	4.0	1.2	.1	.0						13.6	6.3
NW	5.8	6.9	5.4	.8	.0							19.0	5.5
NNW	3.6	5.6	2.5	.4								12.0	5.2
VARBL													
CALM												17.4	
	21.0	31.0	23.0	6.7	.7	.1	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2679

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	2.3	1.2	.4									3.9	3.8
NNE	.6	.6	.1	.0								1.3	4.3
NE	1.4	.7	.1	.0								2.3	3.6
ENE	1.0	.3	.2	.0								1.6	4.2
E	2.5	1.2	.6	.2								4.4	4.3
ESE	1.6	1.4	.6	.2	.0							4.1	4.7
SE	2.2	1.4	1.2	.1		.0						5.0	5.1
SSE	1.7	.6	.3									2.5	3.9
S	1.5	1.1	.3	.2								3.1	4.5
SSW	1.1	2.1	1.4	.5	.1							5.2	6.4
SW	1.9	2.9	3.3	.3								8.3	6.0
WSW	.8	1.8	1.4	.3	.0							4.4	6.3
W	1.6	1.6	1.2	.2	.0							4.6	5.4
WNW	1.2	1.4	.4	.1								3.1	4.8
NW	1.6	1.2	.6	.0	.0							3.4	4.7
NNW	1.7	.6	.2	.1								2.6	3.8
VARBL													
CALM												40.3	
	25.0	20.1	12.1	2.3	.3	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2360

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,62-65,68-74 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2										.7	3.3
NNE	.1	.2	.1									.5	5.0
NE	.4	.6	.1									1.1	4.5
ENE	1.0	1.6	.3									2.9	4.4
E	2.9	3.1	1.1	.3		.0						7.4	4.8
ESE	3.7	5.8	3.1	.4								13.0	5.3
SE	3.8	5.1	3.0	.6								12.5	5.3
SSE	2.1	1.8	1.3	.2	.1							5.6	5.5
S	1.7	1.9	.5	.1	.0							4.3	4.7
SSW	1.4	.9	1.0	.2	.0							3.7	5.6
SW	1.1	.9	1.3	.3								3.7	6.1
WSW	.7	.4	.3	.0	.0							1.5	5.2
W	.4	.4	.2									1.1	4.4
WNW	.2	.2										.4	3.6
NW	.5	.4	.1									1.0	4.3
NNW	.5	.3	.1									.9	3.9
VARBL													
CALM												39.6	
	21.2	24.1	12.5	2.3	.2	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2016

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.0	.0								.4	5.9
NNE	.3	.2	.3	.0								.8	5.5
NE	.3	.3	.2									.8	4.6
ENE	.7	1.6	.4									2.7	4.7
E	3.1	9.9	4.6	.2								17.7	5.4
ESE	3.5	13.2	9.6	.8								27.0	6.1
SE	3.7	9.1	9.1	.6	.0							22.5	6.1
SSE	1.6	2.4	.9	.0								4.8	4.8
S	.5	.4	.7									1.6	5.4
SSW	.2	.3	.1	.0								.6	5.5
SW	.3	.3	.5	.1								1.2	6.7
WSW	.3	.0	.1									.4	4.0
W	.1	.3										.4	4.2
WNW	.1	.1	.0									.2	4.4
NW	.2	.2		.0								.4	4.8
NNW	.2	.2	.0									.5	4.0
VARBL													
CALM												17.9	
	15.0	38.6	26.6	1.9	.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2252

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1	.0								.5	5.5
NNE	.1	.1	.1									.4	5.1
NE	.1	.2	.1	.1								.4	5.7
ENE	.8	1.0	.1									1.9	4.1
E	2.5	5.9	3.7	.4								12.5	5.7
ESE	3.3	10.5	11.0	1.3	.0							26.1	6.5
SE	3.0	10.9	14.0	1.7	.0							29.5	6.8
SSE	1.5	2.9	2.4	.3								7.1	5.8
S	.7	.5	.5	.1								1.8	5.4
SSW	.5	.3	.4	.1								1.3	6.0
SW	.2	.4	.5	.1	.0							1.3	6.8
WSW	.3	.3	.1									.7	4.4
W	.3	.1	.2									.5	5.1
WNW	.1	.1	.2									.4	5.6
NW	.4	.3	.0	.0								.8	4.7
NNW	.2	.0	.1	.0								.4	5.2
VARBL													
CALM												14.3	
	14.1	33.9	33.5	4.1	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2722

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.3	.1	.1	.1	.0							.7	6.5
NNE	.1	.2	.1	.0								.5	5.3
NE	.2	.2	.1		.0							.5	5.3
ENE	.4	.1		.0								.6	3.6
E	.9	.5	.5	.2								1.9	5.2
ESE	1.4	1.6	1.0	.4	.1	.0						4.4	6.0
SE	2.1	4.2	3.7	.7	.0							10.8	6.2
SSE	2.4	4.1	2.8	.6								10.0	5.8
S	2.3	4.1	2.2		.2							9.3	6.0
SSW	1.9	2.1	2.0	.8	.0							6.8	6.3
SW	1.8	2.5	1.7	.6	.0							6.6	6.0
WSW	1.5	2.4	1.7	.2	.0							5.8	5.8
W	2.4	3.3	1.1	.1	.0	.0						7.0	5.0
WNW	1.7	2.3	1.5	.1								5.7	5.2
NW	1.1	1.5	.5									3.2	4.5
NNW	.3	.5	.3									1.1	4.9
VARBL													
CALM												25.3	
	20.9	29.6	19.4	4.3	.5	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2886

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.4	.3	.4	.0	.0							1.2	5.8
NNE	.2	.1	.2	.1								.7	6.5
NE	.1	.1	.1	.1								.4	6.9
ENE	.2	.2	.2	.0								.6	5.5
E	.1	.3	.3	.1								.8	7.3
ESE	.2	.4	.3	.2		.0						1.1	7.5
SE	.7	.8	.8	.3								2.6	6.5
SSE	.4	1.1	1.5	.2								3.2	6.6
S	.6	1.6	1.9	.7	.2							5.0	7.6
SSW	.9	1.6	3.2	1.0	.6	.1						7.4	8.5
SW	1.1	2.6	3.8	1.5	.3							9.4	7.8
WSW	1.2	5.4	4.7	1.8	.2							13.3	7.3
W	2.1	8.0	9.6	1.4	.1							21.3	6.9
WNW	1.4	5.8	7.0	.8	.1							15.1	6.9
NW	1.1	3.3	3.0	.4								7.8	6.4
NNW	.4	1.6	.9	.0	.0							2.9	6.0
VARBL													
CALM												7.1	
	11.3	33.3	38.0	8.6	1.5	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2884

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	.7	.1								2.0	6.0
NNE	.1	.3	.1	.0								.5	5.5
NE	.1	.1	.2	.0	.0							.5	8.0
ENE	.0	.1	.2	.0		.0						.5	8.4
E	.1	.1	.1	.1			.0					.4	9.1
ESE		.2	.2	.2								.6	8.7
SE	.1	.3	.2	.0		.0						.7	7.6
SSE	.0	.2	.3	.1	.0							.6	8.2
S	.2	.3	.6	.2	.0	.0						1.4	8.0
SSW	.1	.7	1.0	1.2	.4	.1						3.6	10.9
SW	.4	1.5	2.9	1.9	.7	.0						7.4	9.8
WSW	.6	2.6	4.0	1.9	.4	.1						9.6	8.7
W	1.4	6.3	11.9	3.0	.1							22.7	7.8
WNW	1.1	7.0	11.2	3.9	.0							23.1	8.0
NW	1.5	4.9	8.9	1.7	.1							17.1	7.5
NNW	.5	2.4	2.9	.4								6.2	6.8
VARBL													
CALM												3.0	
	6.6	28.0	45.5	14.7	1.9	.3	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2805

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	.9	.1	.0							4.4	4.9
NNE	.4	.3	.2	.1	.0							1.0	6.6
NE	.2	.3	.1	.2								.7	7.0
ENE	.1		.2	.0	.0							.3	9.3
E	.2	.2	.3	.1	.1	.1						.9	10.1
ESE	.0	.2	.1	.1	.1	.0						.6	10.2
SE	.1	.3	.2	.2	.1	.1						1.0	10.1
SSE	.2	.2	.2	.1	.0	.0						.7	8.0
S	.2	.2	.2	.2	.2	.0						1.0	10.2
SSW	.2	.2	.7	.5	.3	.0						2.0	10.9
SW	.7	.8	1.8	1.6	.2	.0						5.2	9.3
WSW	.9	1.7	2.0	.7	.2							5.5	7.3
W	1.8	4.8	4.3	.9	.1							11.8	6.6
WNW	2.0	5.4	6.2	1.1	.0							14.8	6.7
NW	4.5	8.9	7.3	1.0	.1							21.9	6.0
NNW	4.1	6.3	3.9	.5								14.7	5.4
VARBL													
CALM												13.6	
	16.8	31.3	28.5	7.3	1.5	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2599

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.8	1.1	.3	.0								3.3	4.0
NNE	.8	.6	.3	.0								1.7	4.8
NE	.5	.4	.1	.1								1.1	4.7
ENE	.8	.5	.3	.0								1.6	4.4
E	2.0	1.6	.5	.0								4.1	4.2
ESE	2.0	1.4	.7	.2	.1							4.3	5.1
SE	2.1	1.7	.9	.5	.1	.1						5.3	5.8
SSE	1.2	.5	.4	.2								2.3	5.0
S	1.0	1.1	.5	.2	.0	.0						2.8	5.7
SSW	.8	1.4	1.3	.5	.2							4.2	7.0
SW	1.7	3.1	2.3	.5	.0							7.6	6.2
WSW	.9	1.4	1.3	.1	.1							3.8	6.0
W	1.1	2.1	.7									3.9	4.8
WNW	1.2	1.8	.6									3.6	4.7
NW	1.9	2.5	.7	.1								5.2	4.7
NNW	2.1	1.3	.5		.0							4.0	4.2
VARBL													
CALM												41.1	
	21.9	22.5	11.3	2.6	.6	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2377

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-65,66-72,74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	.4	.1	.0							1.7	5.9
NNE	.5	.4	.4	.2								1.5	6.3
NE	.8	.7	.4	.1	.0							2.1	5.5
ENE	.7	.7	.7	.1	.0							2.3	5.7
E	3.5	2.9	2.3	.2	.1	.0						9.1	5.6
ESE	3.1	4.0	5.0	1.9	.5		.0					14.5	7.2
SE	3.6	5.3	6.5	1.5	.5			.0				17.6	7.0
SSE	1.3	2.1	2.6	.8	.2	.0						7.1	7.0
S	1.3	1.3	1.0	.5								4.0	6.0
SSW	.6	1.1	.4	.4								2.5	6.1
SW	.9	1.1	.6	.2	.0							2.8	5.6
WSW	.8	.4	.2									1.4	4.4
W	.6	.7	.4	.0								1.8	5.3
WNW	.5	.2	.2									1.0	4.4
NW	.8	.5	.4	.1	.0							2.0	5.8
NNW	.4	.4	.5	.0								1.3	5.6
VARBL													
CALM												27.3	
	19.9	22.6	22.2	6.3	1.6	.1	.0	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2079

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.5	.4	.2	.0								1.2	4.7
NNE	.5	.3	.1									.8	3.7
NE	.9	.9	.3									2.1	4.4
ENE	1.3	1.6	.7	.0								3.6	4.8
E	3.5	6.8	3.6	.4								14.3	5.5
ESE	3.2	8.2	6.6	.9	.1							19.0	6.2
SE	3.3	7.3	8.7	1.4								20.7	6.5
SSE	1.3	2.4	2.0	.3	.0							6.0	6.0
S	.7	1.[illegible]	.4	.1								2.3	5.3
SSW	.7	[illegible]	.3	.2								1.6	5.6
SW	.6	.6	.3	.0	.0							1.6	5.3
WSW	.3	.2	.1									.6	4.0
W	.6	.5	.2									1.3	4.1
WNW	.6	.3	.1									.4	5.0
NW	.3	.5	.1	.0								1.0	4.9
NNW	.6	.3	.3									1.2	4.7
VARBL													
CALM												22.4	
	18.5	31.6	23.9	3.4	.2							100.0	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2307

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.5	.3	.3									1.0	4.8
NNE	.3	.3	.1	.0								.7	5.0
NE	.6	.8	.4									1.7	4.5
ENE	.9	1.0	.1									2.0	3.9
E	2.3	5.3	3.0	.3	.0							11.0	5.6
ESE	3.1	8.5	8.4	1.1	.0							21.1	6.4
SE	3.6	9.3	9.9	1.5	.1							24.3	6.5
SSE	1.7	2.7	2.0	.2								6.6	5.6
S	.8	1.1	.5									2.4	4.8
SSW	.2	.4	.3	.0								.9	5.5
SW	.5	.8	.3	.0								1.6	4.8
WSW	.5	.5	.3									1.3	4.5
W	.5	1.0	.3									1.8	4.6
WNW	.4	.5	.1									1.0	4.1
NW	.4	.5	.5									1.3	5.2
NNW	.5	.2	.3	.0								1.0	5.2
VARBL													
CALM												20.4	
	16.7	32.9	26.7	3.2	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2789

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.8	.3	.2	.1								1.3	4.1
NNE	.2	.2	.1									.5	4.6
NE	.4	.3	.1	.0								.8	4.2
ENE	.4	.2	.1	.1								.8	4.3
E	1.0	1.0	.2	.1								2.3	4.4
ESE	1.3	1.9	1.6	.5								5.3	6.4
SE	2.2	3.7	3.9	1.1	.1							10.9	6.5
SSE	2.1	3.6	2.7	.4	.0							8.8	5.8
S	2.3	3.2	1.3	.1								6.9	4.8
SSW	1.0	1.6	.7									3.3	4.9
SW	1.8	2.1	.9	.1	.0							5.0	4.9
WSW	1.4	3.4	1.0									5.9	4.8
W	2.8	5.2	2.2	.1								10.2	5.0
WNW	1.8	3.6	2.7	.1								8.3	5.6
NW	1.3	2.3	2.2	.4								6.3	6.1
NNW	.9	.6	.6	.2								2.2	5.4
VARBL													
CALM												21.1	
	21.7	33.2	20.5	3.3	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2942

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.3	.2	.2									.7	4.5
NNE	.3	.1	.1									.5	4.1
NE	.2	.1	.1									.3	4.9
ENE	.1	.0	.1	.0								.2	6.9
E	.3	.3	.2	.0								.8	5.0
ESE	.2	.4	.3	.1	.0							1.1	7.0
SE	.4	1.2	.8	.2	.1							2.7	6.8
SSE	.6	1.0	1.1	.3	.0							3.0	6.4
S	.7	1.2	1.3	.2	.0							3.4	6.2
SSW	.7	1.4	.9	.1								3.1	5.8
SW	1.1	1.9	1.9	.1	.1							5.0	6.0
WSW	1.2	4.5	3.9	.4								9.9	6.3
W	2.2	10.1	13.1	1.2	.0							26.6	6.9
WNW	1.5	6.1	11.4	1.7	.1							20.7	7.4
NW	1.3	4.4	5.6	.8								12.1	6.9
NNW	.6	1.4	1.4	.2								3.6	6.3
VARBL													
CALM												6.3	
	11.6	34.1	42.3	5.4	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2952

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	.4	.1	.1							1.6	6.2
NNE	.2	.1	.3	.0	.0							.7	7.1
NE	.2	.1	.2	.1	.0	.1						.7	10.1
ENE	.1	.1	.1		.1	.1						.5	10.9
E	.1	.2	.3		.0		.0					.6	8.8
ESE	.0	.2	.4	.2	.0	.1		.0				1.0	10.8
SE	.2	.5	.7	.2	.1		.0					1.6	8.4
SSE		.2	.5	.2	.0							1.0	8.8
S	.3	.4	.5	.2	.0							1.4	6.7
SSW	.2	.5	.4	.1								1.2	6.5
SW	.4	1.1	.9	.3	.1							2.8	6.8
WSW	.5	2.0	2.0	.2								4.6	6.5
W	1.5	8.1	10.9	2.2	.0							22.8	7.3
WNW	1.6	7.6	13.9	4.5	.2							27.8	8.0
NW	1.5	5.8	12.3	2.3	.1		.0					22.0	7.8
NNW	.7	1.9	2.8	.4	.0							5.8	6.9
VARBL													
CALM												4.0	
	8.0	29.3	46.4	11.1	.9	.2	.1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2854

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.9	1.2	1.3	.6	.2	.1	.1					4.4	8.1
NNE	.3	.5	.6	.6	.2	.1	.0					2.3	10.2
NE	.1	.2	.5	.8	.2	.1	.0					2.0	12.1
ENE	.1	.1	.4	.4	.2	.1						1.3	11.6
E	.2	.3	.6	.7	.2	.1	.0	.0				2.7	11.5
ESE	.1	.7	.8	.7	.3	.1	.1					2.8	11.0
SE	.2	1.0	1.2	1.0	.2	.0		.0				3.6	9.9
SSE	.1	.7	.6	.4	.4	.1	.0					2.4	10.3
S	.5	.7	.6	.2	.1	.1						2.3	7.8
SSW	.2	.4	.3	.3	.1	.0						1.3	8.5
SW	.7	.8	.9	.3	.1	.1						3.0	7.4
WSW	.9	1.6	.6	.2	.0	.0						3.4	5.7
W	2.7	5.4	3.3	.3	.0							11.7	5.6
WNW	2.8	6.8	5.3	.8	.1							15.9	6.1
NW	4.0	6.9	6.2	.9	.0							18.0	6.0
NNW	1.9	3.5	2.5	.4		.0						8.3	5.9
VARBL													
CALM												15.0	
	15.9	30.9	25.8	8.6	2.4	1.0	.3	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2673

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.0	.9	.9	.3	.0							3.3	6.1
NNE	.5	.[illegible]	.5	.2								1.7	6.6
NE	.6	.9	.7	.2	.1	.0						2.5	7.0
ENE	.2	.6	.7	.0	.0		.0					1.7	7.2
E	1.1	.9	1.2	.7	.2	.1	.1					4.2	8.1
ESE	1.6	2.4	1.9	.9	.7	.2						7.7	8.0
SE	1.8	2.7	4.7	2.0	.7	.1	.0	.1				12.1	8.5
SSE	.9	1.9	2.2	1.2	.3	.1						6.5	8.2
S	1.5	1.7	1.3	.5	.2		.1					5.3	6.8
SSW	.7	1.6	.8	.6	.3	.0	.0					4.0	7.9
SW	.9	1.9	1.3	.3	.0	.0						4.5	6.4
WSW	.5	1.2	.5	.2								2.5	6.0
W	1.6	1.1	.2	.1		.1						3.1	4.5
WNW	1.0	1.2	.7	.1								3.1	5.2
NW	1.6	1.9	.5	.1								4.1	4.6
NNW	1.2	1.1	.2	.1	.0							2.7	4.7
VARBL													
CALM												31.0	
	16.7	22.4	18.5	7.8	2.5	.7	.3	.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2422

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,70-71,73-74 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.5	.1								1.9	5.6
NNE	.4	.4	.6	.1								1.5	6.2
NE	.7	.4	.4	.2		.0						1.8	6.1
ENE	.9	.8	.4	.1								2.2	5.0
E	2.4	3.4	1.7	.5	.0			.0				8.2	5.5
ESE	2.6	4.4	4.0	.4		.0						11.4	5.9
SE	2.8	6.0	5.4	1.2	.0	.0						16.1	6.3
SSE	1.9	2.7	1.7	.7	.1							7.1	6.1
S	.9	1.4	.8	.1								3.2	5.4
SSW	.7	1.2	.3	.1	.0							2.4	5.3
SW	1.3	.9	.4	.1	.1							2.8	5.0
WSW	.9	.5	.3		.0							1.8	4.6
W	.9	.7	.0	.0								1.6	3.3
WNW	.3	.2	.4	.1								1.1	6.5
NW	.7	.7	.3									1.7	4.2
NNW	.8	.2	.5	.2	.0							1.8	5.8
VARBL													
CALM												33.5	
	18.7	25.3	17.8	4.1	.4	.1		.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2068

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.6	.2									1.2	4.6
NNE	.5	.5	.1	.1								1.2	5.3
NE	.7	.9	.2	.1								1.8	4.8
ENE	1.2	1.4	.5	.1	.1							3.3	5.1
E	3.6	6.5	3.0	.4	.0							13.6	5.2
ESE	4.5	9.7	5.4	.6								20.2	5.6
SE	3.8	8.9	5.9	.5	.1							19.2	5.7
SSE	1.8	2.1	1.6	.4	.1							6.0	6.0
S	.7	.8	.4			.0						1.9	5.2
SSW	.5	.4	.2									1.1	4.3
SW	.8	.5	.3	.0								1.6	4.4
WSW	.3	.2	.2									.7	4.4
W	.3	.3	.0									.7	4.2
WNW	.1	.3	.1									.5	4.7
NW	.6	.3	.1									1.0	4.0
NNW	.3	.4	.1									.8	3.8
VARBL													
CALM												25.1	
	20.1	33.9	18.2	2.4	.3	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2336

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.3	.4	.1									.8	4.2
NNE	.5	.2	.2	.0	.0							.9	5.2
NE	.7	.9	.1	.1								1.8	4.6
ENE	1.1	.9	.3		.0	.0						2.4	4.6
E	3.5	6.7	3.8	.1	.0							14.1	5.2
ESE	4.0	10.2	6.2	.7	.1							21.2	5.8
SE	3.6	10.5	8.7	1.0	.1	.0						23.9	6.1
SSE	1.8	2.7	2.5	.2								7.3	5.8
S	1.1	.7	.2	.0								2.0	4.1
SSW	.4	.6	.2	.1								1.3	5.4
SW	.2	.5	.2	.0								.9	5.0
WSW	.2	.3	.1									.7	4.8
W	.4	.3	.1									.9	4.2
WNW	.4	.2	.1									.8	4.1
NW	.4	.4	.2		.0							1.0	4.7
NNW	.2	.1	.1	.0								.5	4.8
VARBL													
CALM												19.6	
	18.9	35.7	23.1	2.4	.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2879

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.5	.3	.1									.9	4.0
NNE	.4	.2	.1	.0								.7	4.3
NE	.4	.3	.2	.1								.9	5.0
ENE	.4	.3	.2		.0							.9	4.8
E	1.2	1.3	.8	.3	.0							3.6	5.6
ESE	1.2	2.5	1.8	.6	.1							6.2	6.4
SE	3.0	6.6	5.3	.8	.1							15.8	6.2
SSE	3.0	5.4	2.9	.5								11.8	5.5
S	2.6	3.1	1.2	.1								7.0	4.6
SSW	1.6	1.5	.9	.1	.0							4.1	4.9
SW	1.9	1.7	.3	.1								3.9	4.0
WSW	1.6	1.5	.4									3.6	4.1
W	2.3	3.2	.8	.1								6.4	4.5
WNW	1.1	2.3	.8	.0								4.2	4.9
NW	1.5	1.5	1.1									4.1	4.8
NNW	.4	.5	.3	.0								1.2	4.8
VARBL													
CALM												24.7	
	23.1	32.2	17.1	2.7	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 3045

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	.2	.1			.0					1.3	5.4
NNE	.2	.2	.0	.1								.5	4.8
NE	.1	.1	.2	.1								.5	6.6
ENE	.2	.2	.0	.0								.4	4.9
E	.3	.6	.5	.1		.0	.0					1.5	7.1
ESE	.5	.7	.7	.1	.0							2.0	6.2
SE	.8	1.9	1.4	.4	.0							4.5	6.4
SSE	.9	1.6	1.6	.4	.1							4.6	6.5
S	1.3	2.3	1.5	.2								5.3	5.5
SSW	1.0	1.8	1.2	.2								4.1	5.6
SW	1.1	3.6	1.8	.1								6.5	5.4
WSW	1.5	4.6	3.5	.4								10.0	6.1
W	2.5	11.0	8.1	.5								22.1	6.1
WNW	1.9	6.8	6.0	.7								15.5	6.3
NW	1.6	4.5	3.3	.1								9.4	5.8
NNW	.9	1.0	.6	.2								2.7	5.4
VARBL													
CALM												9.2	
	15.3	41.2	30.6	3.4	.2	.0	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3026

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.5	1.1	.6	.1	.0							2.3	6.0
NNE	.2	.1	.2	.0								.4	5.8
NE	.2	.1	.2	.0	.1							.5	7.4
ENE	.1	.1	.2	.0		.0						.4	8.8
E	.2	.2	.1	.1	.1	.0						.7	8.2
ESE	.1	.2	.3	.2	.0	.0						1.0	9.0
SE	.3	.4	.6	.3	.1	.1						1.9	8.9
SSE	.5	.7	.8	.2	.0							2.2	7.0
S	.4	1.0	1.0	.2	.1	.0	.0					2.7	7.6
SSW	.4	.7	.6	.2	.0	.0						2.0	6.9
SW	.9	1.6	1.0	.4	.1							4.0	6.4
WSW	1.1	2.9	2.6	.3	.0							6.9	6.3
W	2.0	9.0	10.5	1.3	.0							22.9	6.7
WNW	2.4	8.9	11.7	1.0	.0							24.0	6.8
NW	2.0	6.6	6.8	.9	.1							16.4	6.6
NNW	.6	2.7	1.9	.2	.1							5.6	6.3
VARBL													
CALM												5.8	
	11.9	36.3	39.2	5.6	.9	.2	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2940

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.4	1.8	.9	.8	.3	.0						5.3	6.9
NNE	.3	.6	.9	.7	.1							2.7	8.6
NE	.4	.5	.4	.2	.1	.1	.0					1.7	8.9
ENE	.1	.2	.5	.2	.2							1.3	10.1
E	.4	.4	.6	.5	.2	.3	.0			.0		2.4	11.7
ESE	.6	.6	.9	.6	.3	.1	.1					3.2	9.5
SE	.4	.5	1.3	1.0	.3	.1		.0				3.7	10.3
SSE	.8	.6	.7	.4	.3	.0	.0	.0				2.9	8.6
S	.6	.8	.5	.3	.1	.1						2.5	7.0
SSW	.5	.6	.9	.3	.1							2.4	7.4
SW	1.0	1.2	1.2	.4	.1	.0						3.9	6.9
WSW	1.2	1.7	.9	.1								4.0	5.1
W	2.6	5.1	1.8	.1	.1							9.7	5.0
WNW	3.5	4.7	4.0	.4								12.6	5.6
NW	3.9	6.3	3.5	.2	.0							14.0	5.3
NNW	2.1	2.7	1.0	.3	.2	.0						6.4	5.4
VARBL													
CALM												21.6	
	19.8	28.5	20.0	6.5	2.5	.8	.2	.1		.0		100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2770

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.8	.9	.2	.1							3.7	5.7
NNE	.7	.7	.5	.2								2.0	5.8
NE	.8	.8	.7	.1	.3							2.7	6.9
ENE	.9	.7	.5	.2	.1	.2						2.5	7.0
E	1.8	1.6	1.4	.4	.2							5.4	5.9
ESE	1.8	2.2	1.5	.8	.1	.1	.0	.0				6.5	6.7
SE	2.5	3.4	3.9	1.4	.4	.2	.0					11.6	7.4
SSE	1.5	2.7	1.5	1.0	.3	.0						7.0	7.0
S	1.7	1.2	.6	.4	.2							4.1	5.7
SSW	.8	.9	.5	.4	.1							2.6	6.5
SW	1.5	1.8	1.3	.2								4.6	5.6
WSW	.4	.8	.5	.1	.0							1.8	6.4
W	1.1	1.0	.5	.1								2.7	5.0
WNW	.9	.8	.5									2.3	4.6
NW	1.5	.8	.6	.1								3.0	4.7
NNW	1.0	.7	.5	.2								2.5	5.3
VARBL													
CALM												5.1	
	20.2	20.9	15.9	5.6	1.8	.5	.1	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2438

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,72-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.3	.1								1.1	4.9
NNE	.5	.3	.1				.1					.8	5.6
NE	1.0	.7	.3	.1		.1						2.2	5.7
ENE	1.0	1.3	.5									2.7	4.7
E	3.5	4.7	1.7	.3								10.1	4.8
ESE	4.6	5.5	4.3	.5								14.9	5.5
SE	5.2	6.9	5.7	.3								18.1	5.5
SSE	2.4	3.1	1.7	.3								7.5	5.3
S	1.6	.8	.4	.1	.1							2.9	4.4
SSW	.9	.1	.3	.2								1.5	5.3
SW	.7	.6	.1									1.3	4.0
WSW	.5	.1	.2									.7	3.9
W	.6	.1	.1									.8	3.4
WNW	.2	.2	.2									.6	5.3
NW	.4	.3		.1								.7	4.5
NNW	.2	.1	.1									.3	4.2
VARBL													
CALM												33.7	
	23.5	25.0	15.8	1.8	.1	.1	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1974

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.4	.1	.3	.0								.8	5.4
NNE	.4	.3	.2	.0								.9	5.3
NE	.8	.8	.5	.0	.0							2.2	5.5
ENE	1.0	1.8	.9	.0								3.7	5.2
E	5.2	7.7	3.2	.3								16.4	4.8
ESE	5.6	8.6	6.3	.4								20.9	5.5
SE	5.2	9.2	5.4	.4								20.2	5.4
SSE	1.6	2.3	.8	.0								4.8	4.6
S	1.0	.6	.3	.0	.0							2.0	4.6
SSW	.4	.3	.1	.0								.8	5.0
SW	.3	.3	.1		.0							.8	5.3
WSW	.0	.0	.0	.1								.2	9.4
W	.4	.2	.0									.6	3.7
WNW	.0	.2	.1									.3	5.1
NW	.4	.1	.1									.6	3.7
NNW	.5	.3	.0	.0								.9	4.2
VARBL													
CALM												23.9	
	23.1	32.8	18.5	1.6	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2225

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.2									.6	5.5
NNE	.3	.1	.3	.0								.8	5.4
NE	1.1	.7	.7	.1								2.5	5.1
ENE	1.1	1.6	.4	.2								3.4	5.0
E	4.1	8.4	3.3	.3	.0	.0						16.2	5.1
ESE	5.0	10.5	7.3	.4	.0							23.2	5.6
SE	3.9	10.0	7.1	.6								21.5	5.8
SSE	2.1	3.4	1.5	.2								7.2	5.0
S	.6	.9	.3	.1								1.9	4.8
SSW	.2	.2		.1								.5	5.4
SW	.6	.2	.0	.1	.0							.9	4.9
WSW	.1		.0									.1	3.8
W	.3	.1	.1									.5	4.3
WNW	.3	.1	.0									.4	3.9
NW	.2	.2	.1									.6	4.5
NNW	.3	.3	.1									.7	4.3
VARL													
CALM												19.2	
	20.5	36.7	21.5	2.0	.1	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2708

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

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.3	.2	.2	.1		.0						.9	6.4
NNE	.3	.2	.1	.1								.8	5.7
NE	.3	.2	.4	.2								1.1	7.3
ENE	.6	.2	.3	.1	.0							1.2	5.7
E	1.4	1.2	1.6	1.5	.2							5.9	7.8
ESE	2.0	2.7	2.6	2.0	.4							9.7	7.9
SE	3.6	5.9	5.8	1.7	.2							17.2	6.7
SSE	2.9	4.6	4.4	1.0	.1							13.0	6.2
S	2.3	2.8	1.9	.1	.0	.0						7.2	5.3
SSW	1.3	.9	.8	.3	.0							3.3	5.5
SW	1.4	1.2	.6	.3	.0							3.5	5.2
WSW	1.0	1.2	.4	.1								2.7	4.7
W	1.8	1.5	.3									3.6	4.0
WNW	1.3	.9	.4		.0							2.7	4.2
NW	1.0	.8	.2	.0								2.1	4.2
NNW	.4	.5	.1									1.0	4.2
VARBL													
CALM												24.1	
	21.9	25.1	20.2	7.6	1.1	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2893

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.1	.1	.0		.0					1.2	6.4
NNE	.0	.2	.1	.3	.1	.0						.7	11.2
NE	.2	.2	.1	.1	.1							.7	8.2
ENE	.2	.1	.2	.1	.0							.7	7.7
E	.4	.8	1.2	.7	.1	.0						3.2	8.5
ESE	.6	1.1	1.9	1.2	.2	.1		.0				5.1	9.2
SE	.8	2.0	2.7	1.2	.2	.1						6.9	8.3
SSE	1.0	1.7	3.1	1.0	.1							7.0	7.6
S	2.0	2.0	1.9	.5	.1							6.6	5.9
SSW	.9	1.8	1.4	.4	.2							4.8	6.9
SW	1.8	2.8	1.9	.4	.1							7.0	6.0
WSW	1.7	3.9	2.7	.3		.0						8.6	5.8
W	3.3	8.1	4.8	.1								16.3	5.5
WNW	1.7	3.7	3.9	.2	.1							9.6	6.2
NW	2.0	3.2	2.0	.1								7.4	5.4
NNW	.6	1.0	.5									2.1	5.1
VARBL													
CALM												12.3	
	17.7	33.0	28.4	6.8	1.4	.3	.0	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.7	.5	.1	.0	.0						2.2	6.0
NNE	.0	.3	.2	.4	.1	.0						1.1	10.4
NE	.1	.3	.4	.2		.0						1.1	8.6
ENE	.1	.2	.0	.1								.4	6.6
E	.4	.4	1.2	.5	.1	.1						2.7	8.9
ESE	.4	.5	.7	.6	.3	.1						2.6	9.8
SE	.4	1.0	1.8	.8	.3	.1						4.4	8.9
SSE	.5	.7	1.5	.2	.1							3.1	7.4
S	.6	1.2	1.0	.2	.0							3.0	6.5
SSW	.5	.7	1.0	.5	.1	.0	.0					2.9	8.2
SW	.8	1.7	1.5	.9	.1							5.0	7.4
WSW	1.0	3.3	2.5	.5	.0							7.3	6.3
W	3.1	10.2	7.2	.5	.0							21.2	6.0
WNW	2.2	7.4	8.1	.4	.0	.0						18.2	6.5
NW	2.5	5.6	5.1	.5								13.7	6.0
NNW	.9	1.9	1.5	.1	.0							4.4	5.9
VARBL													
CALM												6.9	
	14.5	36.1	34.2	6.5	1.4	.4	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2810

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	2.0	1.7	.9	.2	.1	.0						4.9	5.2
NNE	.8	.8	.3	.3	.0	.0	.0					2.3	6.5
NE	.8	.8	.3	.3	.1							2.3	6.3
ENE	.6	.5	.5	.2								1.8	5.8
E	.7	1.3	.6	.5	.2							3.2	6.8
ESE	.9	1.2	.6	.4	.1	.2	.0					3.5	7.5
SE	1.0	1.3	1.1	.4	.2	.1						4.0	7.1
SSE	.7	.8	.8	.2	.1	.1						2.7	7.4
S	.6	.5	.3	.2		.0			.0			1.6	6.9
SSW	.6	.7	.4	.2	.1							2.0	6.0
SW	.7	.9	.7	.3	.1							2.7	6.4
WSW	.8	1.4	.4	.2								2.8	5.1
W	2.3	3.8	.8	.1	.0							7.1	4.6
WNW	3.3	3.9	1.8	.1	.1							9.2	4.9
NW	4.3	4.7	1.6	.1								10.6	4.5
NNW	3.0	3.5	1.0		.0							7.6	4.5
VARBL													
CALM												31.7	
	23.1	28.0	12.1	3.5	1.0	.5	.1		.0			100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2608

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

DATA PROC SING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.3	.9	.3	.1	.0	.0						2.7	4.9
NNE	.7	.4	.3	.1			.0					1.5	5.6
NE	1.1	1.1	.4	.2								2.7	5.0
ENE	1.9	1.3	.3	.1								3.6	4.0
E	4.0	2.5	1.1	.2	.1	.1						8.0	4.9
ESE	2.8	3.5	2.0	.5	.1							8.9	5.4
SE	4.4	4.1	2.5	.9	.1	.1						12.1	5.6
SSE	1.4	1.1	1.0	.3	.1							3.9	5.9
S	1.0	1.1	.5	.1	.2							2.8	5.7
SSW	.8	.6	.8	.2								2.4	5.9
SW	1.0	1.2	.9	.2								3.4	5.6
WSW	.4	.4	.1	.1								1.0	5.0
W	.7	.6	.4	.0	.0							1.7	5.3
WNW	.8	.4	.2	.1	.0							1.5	5.3
NW	1.0	.5	.4									1.9	4.0
NNW	.7	.8	.1									1.6	4.3
VARBL													
CALM												40.2	
	23.8	20.6	11.1	3.2	.7	.2	.0					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2262

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,72-74 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3										.3	4.2
NNE	.4	.2	.1	.1								.7	5.2
NE	.4	.5	.3	.1								1.3	5.6
ENE	.9	1.0	.5	.2								2.5	5.4
E	3.0	5.0	2.8	.3								11.0	5.3
ESE	5.6	7.9	5.2	.6	.1							19.3	5.4
SE	6.4	8.2	4.4	.5								19.4	5.1
SSE	1.6	1.2	1.0									3.8	4.7
S	1.1	.7	.3									2.0	4.0
SSW	.4	.3	.3	.1								1.0	5.4
SW	.5	.6	.2	.1								1.3	4.9
WSW	.2	.3	.1	.1								.7	5.1
W	.3	.4	.1	.1								.8	4.8
WNW	.2	.1	.3	.1								.6	6.7
NW	.4	.3	.1									.7	4.1
NNW	.2	.1	.1	.1	.1							.4	8.0
VARBL													
CALM												34.1	
	21.5	27.1	15.3	2.0	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1962

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — 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											.1	2.7
NNE	.2	.1	.2	.0								.5	5.3
NE	.4	.8	.2	.2								1.7	5.5
ENE	1.3	1.7	.8	.0								3.8	5.0
E	5.0	8.3	4.2	.3	.1							17.9	5.2
ESE	5.0	9.6	7.5	.8								22.9	5.7
SE	5.1	6.7	5.5	.4								17.8	5.5
SSE	1.2	1.0	.7									2.8	4.7
S	.7	.3	.2									1.2	4.0
SSW	.2	.3	.2									.7	5.3
SW	.2	.4	.1			.0						.7	5.9
WSW	.1	.1	.2			.0						.5	7.0
W	.1	.3	.1	.0								.6	5.4
WNW	.4	.1	.1									.6	4.1
NW	.4	.5		.0								.9	4.2
NNW	.5	.8	.1	.0								1.5	4.9
VARBL													
CALM												25.7	
	20.9	31.2	20.0	1.9	.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2253

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1		.0								.5	3.8
NNE	.2	.2	.1	.0	.0							.6	6.1
NE	.7	.4	.1	.1	.1							1.5	5.7
ENE	1.3	1.7	.6	.1								3.7	4.8
E	5.5	8.2	2.5	.3	.0							16.5	4.8
ESE	5.6	11.3	6.1	.6								23.6	5.4
SE	5.6	9.6	5.4	.6	.0							21.2	5.5
SSE	1.2	1.2	.6	.0								3.0	4.8
S	.9	.6	.1	.0								1.6	4.1
SSW	.4	.3	.2	.1								.9	5.3
SW	.3	.4	.3	.0								1.0	5.5
WSW	.2	.1	.0									.3	3.6
W	.2	.2	.1									.5	4.3
WNW	.0	.1	.0									.1	4.3
NW	.2		.0	.0								.3	4.8
NNW	.2	.1		.1								.4	5.0
VARBL													
CALM												24.4	
	22.6	34.4	16.3	2.1	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2820

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	.2	.1								.9	5.5
NNE	.4	.3	.0									.7	3.8
NE	.5	.4	.4	.1								1.4	5.2
ENE	.8	.5	.2	.4	.0							1.9	6.2
E	1.6	1.4	1.5	1.2	.3							6.1	7.5
ESE	2.2	2.8	2.6	2.0	.3	.1						9.8	7.5
SE	4.2	5.6	4.7	.9	.1	.0						15.6	6.0
SSE	2.2	2.9	2.6	.3	.1							8.1	5.8
S	2.2	1.7	1.2	.2	.0							5.3	5.1
SSW	1.2	.8	.7	.5			.0					3.2	6.3
SW	1.2	1.0	.6	.2	.1							3.2	5.5
WSW	1.1	.8	.5	.2								2.5	5.1
W	2.1	1.7	.5	.1								4.3	4.1
WNW	1.3	.5	.4	.0								2.3	4.0
NW	1.1	.4	.3	.1	.0							1.9	4.6
NNW	.3	.2	.1									.7	4.1
VARBL													
CALM												32.3	
	22.8	21.1	16.5	6.3	.9	.1	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 3013

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.7	.5	.3	.2		.0						1.7	5.6
NNE	.6	.3	.1	.0								1.0	4.2
NE	.5	.3	.4	.1								1.4	6.0
ENE	.4	.5	.5	.0	.0	.0						1.4	6.4
E	.8	.7	1.3	.7	.2	.1						3.7	8.2
ESE	.9	1.5	2.1	1.3	.4	.0						6.2	8.5
SE	1.0	1.6	2.4	1.0	.2							6.2	7.8
SSE	1.0	1.8	1.3	.3	.0							4.5	6.1
S	1.9	2.1	1.5	.2	.0							5.7	5.3
SSW	1.3	1.3	1.3	.4	.1	.0						4.4	6.5
SW	2.2	2.2	1.3	.7	.1							6.4	5.8
WSW	2.4	3.0	1.3	.4	.0							7.0	5.2
W	4.5	5.7	2.6	.6	.1	.0						13.5	5.3
WNW	2.6	3.8	2.1	.5	.0							9.0	5.4
NW	1.8	1.4	.9	.1								4.2	4.8
NNW	.5	.6	.3	.1								1.4	5.1
VARBL													
CALM												21.9	
	23.0	27.3	19.7	6.6	1.3	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3012

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.8	.7	.3	.1	.1	.0						2.1	5.9
NNE	.4	.4	.3		.0							1.2	5.4
NE	.5	.2	.2	.1								1.1	5.0
ENE	.3	.6	.4	.1	.1	.0						1.6	7.7
E	.4	.9	1.2	.3	.2							3.0	7.9
ESE	.7	.8	1.6	.6	.1							3.8	7.9
SE	.7	1.2	1.5	.5	.1							4.0	7.4
SSE	.5	.7	.6	.3	.0							2.2	6.6
S	.9	.7	.6	.2		.0						2.5	5.9
SSW	.6	.8	.5	.5	.2	.1						2.6	8.4
SW	1.0	1.1	1.1	.7	.2							4.1	7.2
WSW	1.3	2.2	1.7	.3	.0							5.5	5.8
W	4.9	9.6	4.3	.7	.1	.0						19.6	5.4
WNW	4.5	7.1	4.9	.7		.1						17.3	5.7
NW	3.6	4.3	2.6	.1	.1							10.7	5.2
NNW	1.2	1.5	.8	.0								3.5	4.9
VARBL													
CALM												15.3	
	22.5	32.7	22.7	5.2	1.3	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2921

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	2.5	2.3	.6	.0								5.4	4.0
NNE	1.9	.9	.2	.1								3.0	4.0
NE	1.2	1.4	.3	.0								2.9	4.3
ENE	1.3	1.4	1.0	.2								3.8	5.4
E	2.0	2.1	.8	.1								5.0	4.6
ESE	1.6	.8	.9	.5	.1							3.9	6.1
SE	1.1	1.6	.8	.5	.0							3.9	6.1
SSE	.7	.5	.3	.2			.0					1.7	6.0
S	.5	.3	.4	.0	.0	.0						1.3	6.6
SSW	.4	.2	.4	.2	.1							1.3	7.5
SW	.6	.5	.5	.1	.0							1.7	6.1
WSW	.5	.4	.3	.2								1.7	5.0
W	2.3	2.1	.6	.2	.0							5.2	4.6
WNW	2.1	2.5	.7	.1	.1							5.5	4.9
NW	3.5	2.1	.9	.1								6.7	4.1
NNW	2.4	2.0	.5	.1								5.0	4.0
VARBL													
CALM												41.8	
	24.9	21.1	9.0	2.6	.4	.0	.0					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2660

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.6	.3	.0	.0								1.0	3.9
NNE	.5	.2	.2	.1	.0							1.1	6.0
NE	.7	1.1	.3	.1								2.1	4.9
ENE	1.3	1.7	.9	.1	.0							4.1	5.3
E	4.5	3.2	1.3	.3								9.3	4.4
ESE	4.4	5.3	2.0	.3								11.9	4.7
SE	5.6	4.8	1.8	.2								12.4	4.4
SSE	1.3	1.2	.5	.1	.0							3.2	4.8
S	1.3	.6	.3									2.2	3.9
SSW	.6	.5	.4	.2								1.6	5.8
SW	.9	.8	.4	.0								2.1	4.7
WSW	.5	.2	.1									.8	3.9
W	.6	.3	.4	.1								1.4	5.7
WNW	.1	.3	.3		.0							.7	6.5
NW	.3	.5	.1	.2								1.1	6.1
NNW	.4	.4	.2									.9	4.4
VARBL													
CALM												43.9	
	23.6	21.3	9.2	1.8	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2261

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-64,71,73 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.2	.2								.8	6.8
NNE	.3	.2	.3	.3								1.0	7.8
NE	.7	.7	.5	.3								2.1	6.0
ENE	.9	1.5	.3									2.7	4.6
E	4.6	5.0	2.8	.4								12.7	5.0
ESE	8.1	9.7	4.7	.1								22.5	4.8
SE	6.4	6.5	2.9	.1								15.9	4.5
SSE	1.1	1.4	.4									2.9	4.5
S	.6	.4	.4	.1	.1							1.5	5.7
SSW	.4	.3	.2	.3	.1							1.3	7.7
SW	.5	.5	.4	.1								1.5	5.4
WSW	.5	.2	.3	.1								1.1	4.8
W	.3	.3	.3	.1								.8	5.9
WNW	.1	.1	.3	.1								.5	7.2
NW	.4	.2	.1	.1								.7	4.3
NNW	.1	.2	.2									.5	6.1
VARBL													
CALM												31.7	
	25.0	27.3	14.1	1.9	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1889

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.3									1.1	4.9
NNE	.6	.2	.3	.2								1.4	6.1
NE	.6	.5	.2									1.3	4.2
ENE	2.0	1.7	.5	.1								4.3	4.4
E	7.2	7.2	2.9	.3								17.6	4.6
ESE	7.5	10.8	5.0	.3								23.5	4.9
SE	5.1	5.4	3.7	.1	.0							14.4	5.1
SSE	1.5	1.2	.4	.0								3.1	4.3
S	.7	.3	.1		.0							1.2	4.3
SSW	.4	.3	.1	.1								.9	5.2
SW	.6	.4	.2	.0								1.2	4.7
WSW	.3	.3										.6	3.7
W	.4	.2	.2									.8	4.7
WNW	.0	.1	.1	.0								.3	6.6
NW	.2	.0	.2									.5	4.8
NNW	.5	.5	.2									1.2	4.6
VARBL													
CALM												26.5	
	27.9	29.6	14.5	1.4	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2167

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.2	.3	.1	.1								.7	5.2
NNE	.3	.2	.3	.2								1.0	6.8
NE	.5	.9	.2	.1								1.8	5.4
ENE	2.1	2.0	.5	.2								4.8	4.5
E	6.3	7.3	2.3	.3	.1							16.3	4.6
ESE	8.0	9.6	4.3	.3								22.2	4.8
SE	5.6	6.4	4.0	.2								16.1	5.0
SSE	1.4	1.4	.7	.1								3.6	4.8
S	.8	.3	.1	.1								1.3	4.7
SSW	.2	.3	.2	.0								.8	5.5
SW	.3	.2	.3	.1								.9	5.9
WSW	.1	.0	.2									.3	5.8
W	.1	.2	.2									.6	5.6
WNW	.2	.3	.0	.1								.6	5.9
NW	.1	.3	.1	.0	.0							.6	6.3
NNW	.1	.3	.1	.0								.5	5.6
VARBL													
CALM												27.7	
	26.4	30.1	13.7	2.0	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2697

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.5	.3	.0	.0								.9	4.0
NNE	.4	.2	.3	.2	.0							1.2	6.7
NE	.8	.5	.5	.3	.1							2.1	6.6
ENE	.9	.7	.2	.1	.1							2.0	5.1
E	2.2	1.5	.6	.9	.2							5.3	6.3
ESE	3.4	3.1	1.8	.5	.2	.0						9.0	5.5
SE	4.0	3.7	2.9	.6	.1							11.3	5.3
SSE	2.1	2.1	1.1	.2								5.5	4.8
S	1.9	1.7	.7	.1	.1	.0						4.6	5.0
SSW	1.2	.7	.5	.2	.0							2.5	4.9
SW	1.8	.9	.2	.2								3.1	4.1
WSW	1.5	.7	.3	.1								2.7	4.2
W	2.3	1.2	.2	.0								3.7	3.5
WNW	1.7	.6	.3	.1	.0							2.7	4.2
NW	.9	.5	.3	.1	.0							1.9	4.8
NNW	.8	.3	.2	.1		.0						1.4	5.0
VARBL													
CALM												40.2	
	26.2	18.7	10.2	3.8	.9	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2864

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.9	.5	.1								2.7	4.5
NNE	.6	.6	.3	.2	.0							1.7	6.0
NE	.8	.5	.5	.2	.0							2.1	5.8
ENE	.8	.4	.6	.2								2.1	6.0
E	1.3	1.1	1.6	.8	.1	.1						5.0	7.5
ESE	1.1	.9	1.1	.7	.1	.1						4.1	7.8
SE	1.2	.9	.9	.5	.2							3.7	6.8
SSE	.8	1.4	.9	.4								3.5	6.5
S	1.3	1.4	.8	.2								3.7	5.4
SSW	1.2	1.1	.7	.6								3.6	5.9
SW	2.1	1.7	.8	.2	.1							4.9	4.8
WSW	2.0	1.9	1.1	.3	.1							5.4	5.2
W	4.5	4.3	2.0	.2								11.0	4.6
WNW	3.1	3.0	1.0	.3								7.5	4.6
NW	2.7	2.2	.7	.2	.0	.1						5.9	4.9
NNW	1.2	.9	.6	.2								2.9	5.1
VARBL													
CALM												30.2	
	26.1	23.2	14.2	5.3	.6	.3						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2887

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.0	.7	.6		.0							2.4	4.9
NNE	.5	.5	.3	.1	.1							1.5	6.4
NE	.5	.6	.6	.0								1.8	5.6
ENE	.3	.5	.4	.1								1.4	6.2
E	.6	1.4	1.2	.5	.1	.1						4.0	7.6
ESE	.5	.9	.9	.5	.1							2.9	7.8
SE	.5	.9	.7	.3	.0							2.4	6.4
SSE	.5	.6	.3	.3	.0	.0						1.8	6.6
S	1.0	.9	.6	.1	.1							2.6	5.5
SSW	.6	1.0	.7	.3	.1	.0						2.7	6.9
SW	1.5	1.2	.9	.3								4.0	5.4
WSW	1.9	2.0	.9	.1								5.0	4.9
W	5.5	8.7	2.2	.4								16.8	4.7
WNW	4.5	5.7	2.4	.3		.0						12.9	5.0
NW	3.6	3.6	1.5	.3	.0							9.0	4.8
NNW	1.8	1.1	1.0	.3								4.2	5.2
VARBL													
CALM												24.8	
	24.9	30.4	15.1	3.9	.7	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2793

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	2.5	1.6	.0	.1								4.3	3.6
NNE	1.2	.8	.3	.1	.1							2.4	4.7
NE	1.9	1.7	.8	.2	.0							4.8	4.9
ENE	1.5	1.8	1.2	.2								4.7	5.4
E	3.1	3.6	1.2	.4	.1							8.4	5.0
ESE	1.6	1.5	.5	.2	.1							3.9	5.0
SE	1.4	.9	.4	.1								2.8	4.4
SSE	.8	.6	.2	.0								1.6	3.9
S	.7	.4	.2	.1	.0							1.5	5.2
SSW	.4	.3	.2		.1	.0						1.0	6.6
SW	1.	.5	.6									2.3	4.5
WSW	.5	.6	.1									1.2	4.1
W	2.2	1.6	.5	.0								4.3	4.1
WNW	1.9	1.3	.4	.1								3.7	4.0
NW	2.9	1.2	.4									4.5	3.6
NNW	2.0	.9	.3									3.2	3.7
VARBL													
CALM												45.5	
	25.8	19.4	7.3	1.6	.4	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 2515

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.3			.1							.8	5.4
NNE	.5	.5	.4	.2	.1							1.7	6.5
NE	.9	.7	.9	.1								2.6	5.9
ENE	1.0	1.4	1.0	.2								3.7	5.6
E	5.1	4.5	1.6									11.2	4.2
ESE	5.3	5.6	1.5	.2								12.6	4.4
SE	6.1	5.6	2.3	.1								14.1	4.4
SSE	1.9	1.2	.2									3.4	3.7
S	1.2	.6	.3	.0	.0							2.2	4.8
SSW	.4	.4	.2	.3	.0							1.4	7.1
SW	.7	.4	.2	.0								1.3	4.4
WSW	.5	.2	.3									1.0	4.7
W	.5	.4	.2	.1								1.3	5.1
WNW	.3	.4	.0									.8	4.0
NW	.4	.8	.1									1.3	4.6
NNW	.3	.2	.1	.0								.7	4.9
VARBL													
CALM												40.2	
	25.5	23.3	9.3	1.4	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2116

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-64,71 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.2	.1								.6	5.5
NNE	.2	.3	.1	.1								.6	6.3
NE	.6	1.0	.5	.3	.1							2.5	6.3
ENE	1.1	1.3	.6									3.1	4.6
E	6.2	5.5	2.7	.1								14.5	4.5
ESE	6.2	11.0	4.8	.5	.1							22.6	5.2
SE	4.8	6.7	3.3	.1								14.9	4.8
SSE	1.6	.9	.4	.1								3.0	4.3
S	.5	.4	.1	.1								1.1	4.7
SSW	.5	.5	.4	.1	.1	.1						1.5	6.4
SW	.3	.2	.2									.6	5.1
WSW	.2	.1	.1									.3	4.8
W	.3	.2	.3									.7	5.1
WNW	.2	.3	.2									.6	5.0
NW	.5	.2	.2	.1								.9	5.2
NNW	.1	.3	.2									.6	5.6
VARBL													
CALM												31.9	
	23.4	28.8	14.1	1.4	.3	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1952

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1									.5	5.4
NNE	.2	.3	.3	.1								.8	6.6
NE	1.3	1.1	.7	.3								3.4	5.4
ENE	1.5	2.0	.3	.1	.0							4.0	4.6
E	6.8	8.8	2.6	.1								18.3	4.5
ESE	6.2	9.8	5.5	.4	.1							22.0	5.2
SE	4.7	5.3	2.9	.2								13.2	4.8
SSE	1.4	.8	.3	.1								2.7	4.4
S	.9	.4	.2	.2	.1							1.8	5.7
SSW	.3	.2	.2	.2	.1							1.0	7.5
SW	.1	.0	.3	.0								.6	6.7
WSW	.2	.1										.3	3.0
W	.3	.2	.1	.0								.7	4.6
WNW	.1	.1	.1									.3	5.4
NW	.4	.1	.1									.6	3.8
NNW	.1	.1	.2	.1								.6	7.2
VARBL													
CALM												29.5	
	24.6	29.7	14.1	1.8	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2177

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3		.1								.7	4.2
NNE	.1	.3	.2	.0								.7	5.5
NE	1.3	.7	.6	.1								2.7	4.7
ENE	2.0	1.7	.5	.1								4.3	4.3
E	6.5	8.4	1.9	.0								16.8	4.2
ESE	6.3	9.4	4.1	.3								20.1	4.9
SE	5.0	5.7	2.6	.2	.0							13.5	4.8
SSE	1.4	1.2	.6	.1								3.3	4.6
S	.6	.4	.3	.1	.0							1.4	5.8
SSW	.3	.6	.3	.1	.0							1.4	5.9
SW	.2	.3	.1	.0								.6	5.4
WSW	.2	.3	.1	.0								.7	5.1
W	.2	.3	.1	.1								.7	5.8
WNW	.3	.2	.1	.1								.7	5.5
NW	.1	.1	.2									.5	5.6
NNW	.1	.1	.0	.0								.4	5.4
VARBL													
CALM												31.5	
	25.0	30.1	11.9	1.4	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2695

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.4	.2	.3	.0								.9	5.5
NNE	.5	.2	.4	.1	.0							1.2	6.0
NE	.6	.5	.4	.3	.0							1.8	6.2
ENE	1.4	.9	.3	.1	.0							2.7	4.4
E	2.5	2.1	.8	.3		.0						5.8	4.8
ESE	3.2	4.6	1.9	.2								9.9	4.9
SE	4.1	4.6	3.1	.4	.1	.0						12.3	5.3
SSE	1.9	1.7	.8	.1								4.6	4.6
S	1.9	1.1	.5	.4	.1	.0						4.0	5.1
SSW	1.2	.5	.4	.0	.0							2.2	4.6
SW	1.8	.9	.4	.1								3.3	4.2
WSW	1.2	.6	.3									2.1	4.0
W	1.5	.8	.4	.2								2.9	4.5
WNW	1.2	.6	.3	.1	.0							2.3	4.6
NW	.8	.4	.3	.1								1.5	4.6
NNW	.4	.2	.0									.6	3.4
VARBL													
CALM												41.9	
	24.7	19.9	10.7	2.5	.3	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2928

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.6	1.1	.4	.1								3.0	4.3
NNE	.8	.8	.5	.2	.0							2.2	5.7
NE	.8	.6	.6	.2								2.2	5.7
ENE	.6	.5	.4	.1	.0							1.7	5.8
E	1.1	.8	1.0	.5	.1	.0						3.5	6.9
ESE	.9	.9	.9	.5	.1	.1						3.2	7.4
SE	1.5	1.1	1.1	.3	.1							4.1	5.9
SSE	.9	1.0	.5	.3								2.6	5.8
S	1.4	1.3	.9	.2	.1	.0						3.9	5.7
SSW	1.1	.9	.6	.2	.0							2.8	5.3
SW	2.1	1.3	1.0	.2	.0							4.7	4.9
WSW	2.2	1.9	.9	.1	.0	.0						5.2	4.8
W	4.6	4.1	1.2	.4	.1	.1						10.5	4.7
WNW	2.9	2.5	1.1	.2	.1							6.8	4.8
NW	2.6	1.4	.5	.3	.1							4.9	4.6
NNW	1.5	.6	.4	.1								2.6	4.3
VARBL													
CALM												35.9	
	26.4	20.7	12.0	4.0	.8	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2932

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	1.2	1.1	.4									2.7	4.2
NNE	.8	.8	.4	.1								2.0	5.1
NE	.9	.7	.6	.2	.0							2.5	5.8
ENE	.4	.5	.6	.1								1.6	6.0
E	.6	.8	1.1	.4								3.0	6.9
ESE	.5	.8	.8	.4	.1							2.6	7.2
SE	.6	.7	.6	.3								2.2	6.3
SSE	.6	.5	.2	.1	.0							1.4	5.2
S	.7	.6	.4	.1	.0	.1						2.0	6.2
SSW	.7	.9	.4	.1	.1							2.3	5.8
SW	1.7	1.5	.5	.0	.0							3.8	4.4
WSW	1.9	2.0	.5	.1	.0							4.6	4.7
W	5.4	5.3	2.2	.6	.1							13.5	4.9
WNW	4.8	4.0	2.0	.3	.1	.0	.0					11.2	4.9
NW	3.2	2.8	1.2	.1								7.4	4.6
NNW	.9	1.4	.5									2.8	4.4
VARBL													
CALM												34.3	
	25.0	24.4	12.4	3.1	.5	.1	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2812

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.8	.2	.0								2.6	3.7
NNE	.8	1.0	.4	.0								2.2	4.8
NE	1.7	1.8	.5	.2	.0							4.2	4.7
ENE	1.7	1.7	1.0	.2								4.5	5.0
E	3.4	3.9	1.1	.1								8.6	4.4
ESE	2.8	1.8	.4	.2								5.2	4.1
SE	2.2	1.5	.2	.2		.0						4.1	4.2
SSE	.7	.6	.3	.2		.0						1.9	5.6
S	.5	.5	.1	.1	.1							1.3	5.4
SSW	.5	.5	.2	.2	.0							1.5	6.3
SW	1.1	.3	.1		.0							1.6	3.6
WSW	.5	.3	.2	.1								1.1	4.6
W	1.9	1.3	.4	.1								3.7	4.1
WNW	1.3	1.2	.3	.1								2.9	4.3
NW	2.0	1.5	.1	.2								3.8	4.0
NNW	1.7	.8	.2	.0								2.8	3.8
VARBL													
CALM												48.1	
	24.5	19.5	5.8	1.9	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 2407

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.2	.1								1.1	5.2
NNE	.2	.1	.0									.4	4.0
NE	.8	.8	.4	.2	.1							2.2	5.7
ENE	2.0	1.4	.8	.2	.0							4.4	4.9
E	5.7	4.8	1.3	.2								12.1	4.2
ESE	6.3	6.9	2.8	.3	.0							16.4	4.7
SE	4.9	6.3	1.4	.0								12.6	4.3
SSE	1.7	1.2	.4									3.3	4.1
S	.7	.6	.2	.0	.0							1.6	4.7
SSW	.4	.3	.5	.2	.1							1.5	7.8
SW	.4	.4	.2	.0								1.1	5.2
WSW	.2	.2	.1	.0								.6	5.0
W	.8	.2	.1	.2								1.3	5.2
WNW	.3	.2	.1	.0	.0							.8	5.9
NW	.2	.2										.5	3.9
NNW	.4	.2	.1	.1								.8	4.8
VARBL													
CALM												39.4	
	25.5	24.2	8.7	1.8	.4							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2091

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	.1	.5	.9	.3	.4	.1	.3					2.6	12.4
NNE	.9	.3	.3	.4	.1	.1	.1					2.2	9.6
NE	.4	.4	.4	.1	.4	.1						1.8	10.6
ENE	.5	.6	.1	.1	.5	.3						2.2	10.6
E	1.3	1.5	.4	.1	.8	.5		.1				4.7	9.9
ESE	.4	1.3	1.0	.9	1.3	.9	.5					6.2	13.9
SE	1.9	1.0	1.8	1.1	1.9	1.5	.1					9.4	12.3
SSE	.8	.9	.9	1.0	1.5	.6	.3					6.0	13.3
S	.6	1.7	.6	.9	1.5	.4						5.7	11.1
SSW	.9	1.0	1.9	.5	2.3	.8	.3					7.7	12.8
SW	.6	1.8	1.4	.9	1.0	.9						6.6	11.0
WSW	.4	.9	.9	.1	.8	.3						3.3	10.8
W	.9	1.9	1.8	1.4	2.7	1.1						9.8	12.3
WNW	.8	1.1	1.4	1.8	.9	.5	.1					6.6	11.5
NW	.6	1.1	1.1	.8	.6	.3	.3					4.8	11.1
NNW	.5	.8	.6	.8	.1	.3						3.1	9.7
VARBL													
CALM												17.2	
	11.6	16.8	15.6	11.2	16.8	8.7	1.9	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 784

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

S74-29964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) ALL (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	84.2	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 18000	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 16000	86.0	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	88.4	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000	91.0	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 10000	92.4	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	93.0	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	94.0	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 7000	94.9	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 6000	96.0	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 5000	97.0	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 4500	97.3	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 4000	97.6	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 3500	97.8	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.0	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 2500	98.1	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.2	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1800	98.2	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1500	98.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1000	98.3	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	98.3	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 243204

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (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	70.7	71.3	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	78.9	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	79.9	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 16000	80.9	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	83.1	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	85.0	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 10000	86.4	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 9000	87.0	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	88.2	89.0	89.2	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
≥ 7000	89.7	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	91.3	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	93.1	94.3	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	93.9	95.1	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	94.8	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	95.3	96.8	97.0	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 3000	95.8	97.4	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 2500	96.2	97.3	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	96.4	98.1	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1800	96.4	98.2	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1500	96.5	98.3	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 1200	96.5	98.3	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	96.5	98.4	98.9	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 900	96.5	98.4	98.9	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	96.6	98.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.6	98.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	96.6	98.5	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	96.6	98.5	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	96.6	98.5	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	96.6	98.5	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	96.6	98.5	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	96.6	98.5	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	96.6	98.5	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19818

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	80.4	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 16000	82.4	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 14000	84.6	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	86.8	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	88.5	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	89.2	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	90.5	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	91.7	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	93.4	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	95.6	96.2	96.3	96.4	96.4	96.4	[illegible]	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	96.1	96.7	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	96.9	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	[illegible]	98.0	98.0	98.0	98.0
≥ 3500	97.3	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	97.8	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	98.1	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1800	98.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.3	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.3	99.3	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
≥ 1000	98.4	99.3	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
≥ 900	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17681

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

ALL (HOURS (L ST))

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	72.4	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	81.7	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	82.5	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 16000	83.8	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 14000	85.0	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 12000	87.8	88.2	88.3	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
≥ 10000	89.1	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	89.6	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 8000	90.7	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	92.0	92.5	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 6000	93.5	94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 5000	95.4	96.0	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 4500	95.9	96.5	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 4000	96.7	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	97.4	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	97.8	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.0	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 2000	98.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1600	98.2	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.3	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	98.3	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20124

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	86.9	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	87.5	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 16000	88.5	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	90.0	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 12000	91.7	92.3	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	93.1	93.7	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 9000	93.5	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 8000	94.5	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 7000	95.5	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 6000	96.6	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	97.6	98.3	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	97.7	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 4000	98.1	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.2	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 3000	98.3	99.1	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.4	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.4	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	98.4	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	98.5	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20175

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 20000	93.1	93.2	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
≥ 18000	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 16000	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 14000	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 12000	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 10000	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 9000	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 8000	98.0	98.3	98.4	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
≥ 7000	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.3	99.7	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	100.0
≥ 3000	99.3	99.7	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	100.0
≥ 2500	99.3	99.7	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	100.0
≥ 2000	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21137

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 20000	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 18000	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 16000	94.4	94.7	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
≥ 14000	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	96.2	96.2	96.2
≥ 12000	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 10000	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 9000	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 8000	98.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 6000	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.3	99.7	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	100.0
≥ 4000	99.3	99.7	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	100.0
≥ 3500	99.3	99.7	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	100.0
≥ 3000	99.3	99.7	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	100.0
≥ 2500	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20541

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (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	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 20000	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	77.5	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	79.5	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	85.3	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 12000	91.7	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5
≥ 10000	94.2	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 9000	95.3	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 8000	96.7	97.1	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 7000	97.5	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 6000	97.9	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 5000	98.3	99.0	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 4500	98.3	99.0	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 4000	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3500	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3000	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 2500	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2000	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	98.4	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 700	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 600	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 500	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 400	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 21018

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	80.1	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	80.6	80.6
≥ 18000	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5
≥ 14000	86.5	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	91.7	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 10000	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 9000	94.7	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 8000	96.0	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 7000	96.9	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 6000	97.5	98.0	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7
≥ 5000	98.1	98.5	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 4500	98.1	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 4000	98.3	98.7	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 3500	98.3	98.8	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 3000	98.3	98.8	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 2500	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 2000	98.4	98.9	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1800	98.4	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1500	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 1200	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 1000	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 900	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 800	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	98.4	99.0	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	98.4	99.0	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	98.4	99.0	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	98.4	99.0	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21502

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 20000	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	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	88.9
≥ 16000	89.1	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 12000	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 10000	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 9000	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 8000	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 7000	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 6000	98.3	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 5000	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 4500	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 4000	98.9	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 3500	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3000	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2500	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2000	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20384

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 20000	86.8	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
≥ 18000	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	88.0	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000	89.9	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 12000	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 10000	93.1	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 9000	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 8000	94.7	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.6	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	96.7	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	97.8	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	98.0	98.6	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
≥ 4000	98.2	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.4	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	98.5	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.6	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.7	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.7	99.3	99.5	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
≥ 1200	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	98.7	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	98.7	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20903

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.1	79.0	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	84.9	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	85.4	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	86.4	87.5	87.8	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
≥ 14000	88.1	89.3	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	89.6	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000	91.0	92.2	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 9000	91.4	92.7	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 8000	92.4	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	93.4	94.7	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 6000	94.6	95.9	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 5000	95.9	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	96.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	96.6	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	96.9	98.4	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 3000	97.0	98.6	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 2500	97.2	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	97.2	98.9	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	97.2	98.9	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1500	97.3	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.3	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.3	99.0	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	97.3	99.0	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	97.3	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.3	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.3	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.4	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	97.4	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	97.4	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	97.4	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.4	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	97.4	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.4	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 20000	79.4	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
≥ 18000	80.1	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	81.4	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0
≥ 14000	83.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 12000	85.9	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	87.4	88.7	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 9000	88.0	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 8000	89.4	90.7	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 7000	91.0	92.3	92.5	92.6	92.7	92.7	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 6000	92.6	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 5000	94.5	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 4500	95.0	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 4000	95.7	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	96.0	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	96.3	98.0	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 2500	96.5	98.3	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 2000	96.6	98.5	98.8	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1800	96.6	98.5	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 1500	96.7	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	96.8	98.7	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1000	96.8	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 900	96.8	98.7	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	96.8	98.7	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	96.8	98.7	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	96.8	98.7	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 19991

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AF, ARIZONA/CHANDLER (STATION NAME) 43-61,64-65,73 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.6	75.8	75.8	75.8
≥ 20000	80.2	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 18000	81.1	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	81.9	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	83.6	83.7	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	86.2	86.3	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	87.5	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.0	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	88.8	89.0	89.1	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	90.6	91.2	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	92.1	92.7	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	94.5	95.3	95.4	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	95.2	96.0	96.1	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	96.0	97.1	97.2	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	96.4	97.7	97.8	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	96.7	98.1	98.2	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	96.9	97.4	98.6	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	97.0	98.6	98.8	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
≥ 1800	97.0	98.6	98.8	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
≥ 1500	97.1	98.7	98.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.1	98.8	99.0	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
≥ 1000	97.1	98.8	99.0	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
≥ 900	97.1	98.8	99.0	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
≥ 800	97.1	98.8	99.0	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
≥ 700	97.1	98.8	99.0	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
≥ 600	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.1	98.9	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1888

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.8	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 20000	80.4	80.7	80.7	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 18000	81.2	81.5	81.5	81.5	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 16000	82.2	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 14000	83.6	83.8	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 12000	85.4	85.7	85.7	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 10000	87.1	87.4	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 9000	87.5	87.8	87.9	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 8000	88.6	89.0	89.1	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 7000	90.4	90.8	90.9	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 6000	92.3	92.9	92.9	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 5000	93.9	94.7	94.8	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 4500	94.6	95.5	95.6	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 4000	95.5	96.6	96.8	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 3500	95.9	97.2	97.4	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 3000	96.3	97.6	97.7	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	96.8	98.3	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 2000	96.8	98.5	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1800	96.9	98.5	98.7	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1500	97.0	98.6	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1200	97.0	98.6	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1000	97.0	98.8	98.9	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 900	97.0	98.8	98.9	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 800	97.0	98.8	98.9	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 700	97.0	98.8	99.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	97.0	98.8	99.0	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 500	97.0	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	97.0	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	97.0	98.8	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	97.0	98.8	99.0	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	97.0	98.8	99.0	99.0	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	97.0	98.8	99.0	99.0	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2167

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9
≥ 20000	77.9	78.4	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.0	79.0
≥ 18000	78.7	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.9
≥ 16000	80.0	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.1
≥ 14000	82.0	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.2
≥ 12000	83.9	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.1
≥ 10000	85.2	85.7	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 9000	86.0	86.4	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 8000	87.5	88.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.9	88.9
≥ 7000	88.6	89.2	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.1	90.1
≥ 6000	91.0	91.8	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.7
≥ 5000	93.1	94.2	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.3	95.3
≥ 4500	93.6	94.8	95.1	95.2	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.9
≥ 4000	94.4	95.7	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.8	96.8
≥ 3500	94.7	96.1	96.5	96.6	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.3
≥ 3000	95.2	96.8	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.1	98.1
≥ 2500	95.6	97.2	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.6	98.6
≥ 2000	95.8	97.5	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 1800	95.9	97.5	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.9	99.0
≥ 1500	95.9	97.6	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.1
≥ 1200	95.9	97.6	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.1	99.1
≥ 1000	96.1	97.8	98.4	98.5	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.3	99.4
≥ 900	96.1	97.8	98.4	98.5	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4
≥ 800	96.1	97.8	98.4	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.5
≥ 700	96.1	97.9	98.5	98.7	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.5	99.6
≥ 600	96.1	98.0	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 500	96.1	98.0	98.5	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7	99.7
≥ 400	96.1	98.0	98.6	98.8	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.8
≥ 300	96.1	98.0	98.6	98.8	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8
≥ 200	96.1	98.0	98.6	98.8	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 100	96.1	98.1	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.9	100.0
≥ 0	96.1	98.1	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2685

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	70.1	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 20000	76.9	78.1	78.4	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	78.2	79.5	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 16000	79.1	80.4	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 14000	81.4	82.8	83.1	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
≥ 12000	82.7	84.1	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 10000	84.4	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 9000	85.0	86.4	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 8000	85.9	87.3	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 7000	87.1	88.5	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 6000	88.8	90.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	91.1	92.7	93.4	93.7	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 4500	92.2	93.8	94.4	94.8	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 4000	93.0	94.8	95.4	95.8	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 3500	93.3	95.3	96.0	96.3	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 3000	93.8	96.0	96.6	97.0	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 2500	94.2	96.3	97.0	97.4	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 2000	94.5	96.7	97.4	97.8	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1800	94.7	96.9	97.6	98.1	98.5	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1500	94.7	97.0	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1200	94.8	97.2	97.9	98.3	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1000	94.9	97.4	98.1	98.5	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	94.9	97.4	98.1	98.5	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	95.0	97.5	98.2	98.7	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	95.0	97.5	98.2	98.7	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 600	95.0	97.5	98.2	98.7	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	95.0	97.5	98.2	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 400	95.0	97.5	98.2	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300	95.0	97.5	98.2	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	95.0	97.5	98.2	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	95.0	97.5	98.2	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	95.0	97.5	98.2	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2846

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	77.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	78.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	79.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	81.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	83.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	84.8	86.0	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
≥ 9000	85.4	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	86.6	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	87.9	89.3	89.3	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
≥ 6000	88.9	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	90.3	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	91.5	93.1	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	92.5	94.1	94.2	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	93.3	95.1	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	94.4	96.3	96.5	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	95.1	97.0	97.3	97.5	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	95.7	97.7	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	95.8	97.8	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	95.9	98.1	98.5	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	95.9	98.1	98.5	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	95.9	98.2	98.7	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.9	98.2	98.7	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	95.9	98.3	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.9	98.3	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.9	98.4	98.8	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.9	98.4	98.8	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.9	98.4	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.9	98.4	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.9	98.4	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.9	98.4	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.9	98.4	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2856

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	79.0	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
≥ 16000	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	83.0	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	86.7	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	87.4	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	89.1	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	90.1
≥ 7000	90.8	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
≥ 6000	92.1	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	93.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	94.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	95.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	95.9	97.2	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
≥ 3000	96.5	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	96.8	98.4	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	96.9	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1800	96.9	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	96.9	98.8	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	96.9	98.8	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1000	96.9	98.9	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	96.9	98.9	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	96.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.9	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2774

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	81.7	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	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 14000	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	88.5	89.0	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
≥ 9000	89.0	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	90.5	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	91.2
≥ 7000	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	93.4	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	95.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	95.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	96.6	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	97.3	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	97.5	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	97.8	98.9	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
≥ 2000	97.8	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.8	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.8	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.8	99.1	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.8	99.1	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.8	99.1	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2510

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 20000	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	82.1	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 14000	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 12000	87.0	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	87.5	87.5
≥ 10000	88.1	88.5	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
≥ 9000	88.9	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 8000	89.8	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	91.6	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	92.9	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 5000	94.9	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 4500	95.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	96.2	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	96.5	97.9	98.1	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
≥ 3000	96.8	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	97.0	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	99.4	99.4
≥ 2000	97.2	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1800	97.2	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.2	98.9	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1200	97.2	98.9	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1000	97.2	98.9	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.3	99.9	99.9
≥ 900	97.2	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.2	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.2	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.2	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	97.2	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	97.2	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	97.2	98.9	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	98.9	99.1	99.3	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	97.2	98.9	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	98.9	99.1	99.3	99.7	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 2092

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-60,64-65,73 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.7	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	82.6	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	83.4	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 16000	84.5	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	86.7	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	89.1	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 10000	90.4	90.7	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
≥ 9000	90.8	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	92.2	92.4	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
≥ 7000	94.1	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	95.5	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.5	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	98.1	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.4	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.7	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	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	99.9	99.9	99.9
≥ 2000	99.1	99.6	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	99.9
≥ 1800	99.1	99.6	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	99.9
≥ 1500	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1659

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 18000	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 15000	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 14000	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	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	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 10000	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 8000	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 7000	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 6000	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 5000	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 4500	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 4000	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 3500	98.4	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 3000	98.6	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 2500	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 2000	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1800	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1500	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1200	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1000	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1922

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.0	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	80.7	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	82.4	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	84.2	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	86.8	87.2	87.2	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
≥ 10000	88.6	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	89.4	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	90.8	91.3	91.3	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
≥ 7000	92.0	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	93.8	94.3	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
≥ 5000	96.0	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.5	97.1	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	97.4
≥ 4000	97.3	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	97.8	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	98.3	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	98.5	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.5	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.5	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.4	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	79.7	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	80.6	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	81.6
≥ 16000	81.7	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	82.8	82.8
≥ 14000	84.3	85.4	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	85.6
≥ 12000	86.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	87.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 9000	88.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	90.2	91.5	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
≥ 7000	91.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	92.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	94.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	95.1	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
≥ 4000	95.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	96.4	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	97.0	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	97.1	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.5	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1800	97.6	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1500	97.6	99.2	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	97.6	99.2	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.7	99.3	99.6	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
≥ 900	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 400	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	97.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2563

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.4	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	78.4	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	79.1	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	80.0	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	82.1	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	83.7	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	85.4	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	86.1	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	87.2	88.0	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
≥ 7000	88.4	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	90.2	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	92.8	93.9	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	93.4	94.5	94.7	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
≥ 4000	94.6	95.8	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	95.1	96.5	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	96.1	97.4	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	96.6	98.1	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 2000	96.9	98.4	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	96.9	98.4	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	96.9	98.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.0	98.6	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2577

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.7	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 20000	77.7	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	78.4	78.8	78.9	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	82.3	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	84.6	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	86.3	86.7	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	86.9	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	88.1	88.7	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	89.2	89.8	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	91.7	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	94.3	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	95.0	95.8	96.0	96.1	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	95.8	96.6	96.9	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	96.2	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	96.8	97.7	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.3	98.4	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	97.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	97.5	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.6	98.8	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	97.6	98.9	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.9	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2497

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.0	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	80.1	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	80.5	80.5
≥ 18000	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 10000	89.5	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
≥ 9000	90.1	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	92.4	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	94.0	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	96.7	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.3	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
≥ 4000	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.3	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.5	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	98.8	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2237

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION) 43-60,62-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 16000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	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
≥ 6000	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5000	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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 1821

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23194 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-60,64-65,73-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 20000	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000	88.7	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 12000	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	91.4	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	93.2	93.4	93.4	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
≥ 7000	94.4	94.6	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
≥ 6000	95.6	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
≥ 5000	97.0	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.4	97.7	97.7	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
≥ 4000	97.9	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.2	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	99.1
≥ 3000	98.5	99.2	99.2	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
≥ 2500	98.7	99.5	99.5	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
≥ 2000	98.8	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 500	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1864

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	79.1	79.2	79.2
≥ 20000	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 18000	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 16000	86.4	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
≥ 14000	88.4	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
≥ 12000	90.4	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
≥ 10000	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	92.0	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	92.3	92.3
≥ 8000	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 7000	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 6000	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 5000	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 4500	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 4000	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 3500	98.2	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	99.0	99.0
≥ 3000	98.5	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 2500	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 2000	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1800	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1500	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2162

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.0	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 18000	81.2	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 15000	82.7	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
≥ 14000	85.1	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 12000	88.2	88.5	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
≥ 10000	89.3	89.6	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
≥ 9000	89.9	90.3	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	90.8
≥ 8000	91.1	91.5	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	92.0
≥ 7000	92.3	92.7	93.0	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
≥ 6000	93.6	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	95.5	96.0	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
≥ 4500	96.1	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 4000	97.1	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 3500	97.7	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.0	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.3	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.4	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 800	98.4	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1500	98.5	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.5	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.5	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2715

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 20000	80.3	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	81.1	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	82.2	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	84.2	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	86.9	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	88.7	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	89.4	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 8000	90.6	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	91.5	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	92.6	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	94.0	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	94.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	95.5	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.5	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	97.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 2500	97.3	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	99.2
≥ 2000	97.5	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1800	97.5	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	97.6	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	97.7	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2913

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	79.6	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
≥ 18000	80.3	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 16000	81.6	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4
≥ 14000	83.2	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 10000	85.9	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	86.3	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 8000	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 7000	88.7	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 6000	90.6	91.4	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0
≥ 5000	93.3	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8
≥ 4500	94.0	94.9	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5
≥ 4000	95.3	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	96.4	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	96.8	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	97.5	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1800	97.6	98.7	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1500	97.6	98.8	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.7	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.8	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	97.8	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	97.8	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	97.8	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2327

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.6	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 20000	79.6	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 18000	80.5	80.9	80.9	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 16000	82.0	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0
≥ 14000	84.0	84.4	84.4	84.6	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 12000	85.6	86.0	86.0	86.1	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6
≥ 10000	86.4	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 9000	87.0	87.4	87.4	87.6	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 8000	87.7	88.1	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 7000	89.1	89.7	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 6000	91.4	91.9	92.0	92.2	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.8
≥ 5000	94.4	95.0	95.1	95.3	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9
≥ 4500	95.1	95.7	95.8	96.0	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 4000	96.2	96.9	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 3500	97.1	97.7	97.9	98.1	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 3000	97.5	98.1	98.2	98.5	98.6	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 2500	97.5	98.3	98.4	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 2000	97.7	98.6	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1800	97.7	98.7	98.8	99.1	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 1500	97.8	98.7	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	97.8	98.7	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 1000	97.8	98.7	98.9	99.2	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 400	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	97.8	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2843

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (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	71.5	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	81.8	82.0	82.1	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
≥ 18000	82.8	83.0	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	84.5	84.7	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
≥ 14000	87.1	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 12000	88.3	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 10000	89.6	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	90.2	90.6	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 8000	91.2	91.6	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	92.7	93.2	93.3	93.3	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	94.4	94.9	95.0	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	96.4	96.9	97.0	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	96.7	97.2	97.3	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	96.9	97.4	97.5	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.5	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.0	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 2500	98.2	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.2	99.0	99.2	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
≥ 1800	98.2	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1500	98.3	99.1	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.3	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2549

USAF ETAC FORM JUL 64 C (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.2	79.3	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	86.0	86.0	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
≥ 18000	86.3	86.4	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 16000	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	89.6	89.8	89.8	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
≥ 12000	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 9000	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 8000	93.7	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
≥ 7000	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.4	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2151

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,64-65,73-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 20000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 18000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 16000	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 12000	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
≥ 10000	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	95.7	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
≥ 8000	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 6000	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	98.6	98.6	98.6
≥ 5000	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.4	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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	100.0	100.0	100.0
≥ 900	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	100.0	100.0	100.0
≥ 800	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	100.0	100.0	100.0
≥ 700	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	100.0	100.0	100.0
≥ 600	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	100.0	100.0	100.0
≥ 500	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	100.0	100.0	100.0
≥ 400	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	100.0	100.0	100.0
≥ 300	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	100.0	100.0	100.0
≥ 200	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	100.0	100.0	100.0
≥ 100	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	100.0	100.0	100.0
≥ 0	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	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 20000	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 18000	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 16000	90.5	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
≥ 14000	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 12000	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 10000	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 8000	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2184

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.4	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 20000	87.0	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 18000	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 14000	90.2	90.8	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
≥ 12000	92.3	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	94.9	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 7000	95.8	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 6000	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	98.0	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	98.3	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	98.6	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.8	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.8	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.8	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2714

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.8	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 20000	86.1	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 18000	86.9	87.9	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 16000	88.0	89.0	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 14000	89.9	90.9	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 12000	91.7	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 10000	92.7	93.7	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	93.0	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 8000	93.9	94.9	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	94.6	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 6000	95.4	96.5	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	96.6	97.7	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	96.7	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 4000	97.1	98.3	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	97.3	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 3000	97.5	98.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	97.6	98.8	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	97.6	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	97.7	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	97.8	99.1	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	97.8	99.1	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	97.8	99.1	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	97.8	99.1	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2891

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.1	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	85.2	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 18000	86.1	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 16000	87.0	87.6	87.6	87.7	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 14000	88.6	89.3	89.3	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 12000	89.9	90.7	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3
≥ 10000	91.0	91.8	91.8	91.9	92.0	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4
≥ 9000	91.2	92.0	92.0	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6
≥ 8000	91.9	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 7000	92.9	93.8	93.9	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 6000	94.8	95.8	95.8	95.9	96.1	96.1	96.2	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 5000	96.1	97.2	97.4	97.5	97.6	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 4500	96.4	97.5	97.6	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 4000	97.0	98.2	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1
≥ 3500	97.2	98.3	98.5	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 3000	97.5	98.7	98.8	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 2500	97.5	98.8	98.9	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7
≥ 2000	97.6	98.9	99.0	99.1	99.3	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1800	97.6	98.9	99.0	99.1	99.3	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1500	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 1200	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	97.7	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2905

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.2	73.7	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	84.9	85.6	85.7	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	85.8	86.4	86.5	86.6	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	86.7	87.4	87.5	87.5	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 14000	88.2	88.8	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 12000	89.7	90.4	90.5	90.6	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 10000	91.3	92.0	92.2	92.2	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 9000	91.8	92.5	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 8000	92.7	93.3	93.5	93.6	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 7000	94.1	94.9	95.1	95.1	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	95.7	96.5	96.8	96.8	97.1	97.1	97.2	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 5000	96.4	97.3	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 4500	96.6	97.7	97.9	98.0	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 4000	97.0	98.1	98.3	98.4	98.6	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.3
≥ 3500	97.3	98.4	98.7	98.8	99.0	99.0	99.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 3000	97.5	98.6	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8
≥ 2500	97.6	98.7	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.[illegible]
≥ 2000	97.6	98.7	99.0	99.0	99.3	99.3	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	97.6	98.7	99.0	99.0	99.3	99.3	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	97.6	[illegible]	99.0	99.0	99.3	99.3	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	97.6	98.7	99.0	99.0	99.3	99.3	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 900	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 800	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 700	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 600	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 500	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	97.6	98.8	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	97.6	98.8	99.0	99.1	99.3	99.[illegible]	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2818

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	75.8	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 20000	85.1	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 18000	85.6	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 16000	86.8	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 14000	88.4	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 12000	90.1	90.8	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 10000	92.8	93.[illegible]	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 9000	93.4	94.1	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 8000	94.7	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 7000	95.6	96.3	96.4	96.6	96.6	96.6	96.8	96.8	96.[illegible]	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 6000	97.0	97.8	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 5000	97.7	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 4500	97.8	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 4000	98.0	98.9	99.0	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 3500	98.1	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 3000	98.1	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.3	99.9
≥ 2500	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 2000	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1800	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1500	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1200	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 1000	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 900	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 800	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	98.3	99.1	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2575

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥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	89.7	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	89.9	89.9
≥ 18000	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 16000	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	91.2	91.2
≥ 14000	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 12000	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 10000	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 8000	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	98.1	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
≥ 5000	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2188

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-61,63-65,68-70,72-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 20000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	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
≥ 16000	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 14000	97.4	97.6	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
≥ 12000	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
≥ 10000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 9000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 8000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 7000	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 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	99.6
≥ 5000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.6	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	90.0	90.6
≥ 20000	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 18000	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 14000	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 12000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 10000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 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	99.2	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	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.7	99.9	99.9	100.0	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
≥ 1500	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 2325

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 20000	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 18000	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 16000	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	94.3	94.3
≥ 14000	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
≥ 12000	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	97.3
≥ 10000	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 8000	98.3	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	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.4	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	99.4	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
≥ 3000	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	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	100.0	100.0	100.0
≥ 1000	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	100.0	100.0	100.0
≥ 900	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	100.0	100.0	100.0
≥ 800	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	100.0	100.0	100.0
≥ 700	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	100.0	100.0	100.0
≥ 600	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	100.0	100.0	100.0
≥ 500	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	100.0	100.0	100.0
≥ 400	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	100.0	100.0	100.0
≥ 300	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	100.0	100.0	100.0
≥ 200	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	100.0	100.0	100.0
≥ 100	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	100.0	100.0	100.0
≥ 0	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	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2820

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 20000	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 18000	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 16000	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 14000	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 12000	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 10000	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 9000	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 8000	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2986

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 20000	92.5	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 18000	93.0	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	93.7
≥ 16000	93.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 14000	94.5	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 12000	95.9	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 10000	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	96.5	96.8	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
≥ 8000	97.0	97.3	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
≥ 7000	97.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 6000	98.2	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 5000	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	98.8	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.0	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	99.9	99.9
≥ 3500	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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 2990

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.5	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	92.1	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 18000	92.7	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 16000	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 14000	95.0	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 12000	95.8	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 10000	96.3	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 9000	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 8000	97.1	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 6000	98.3	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 5000	98.8	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 4500	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 4000	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3500	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3000	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2500	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2902

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (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	81.7	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 20000	92.5	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 18000	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 16000	94.1	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 14000	95.3	95.6	95.7	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
≥ 12000	96.2	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
≥ 10000	97.2	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 9000	97.3	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 8000	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	98.4	98.7	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
≥ 6000	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	99.6	99.6	99.6
≥ 5000	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2678

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 20000	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 18000	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 16000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 14000	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 12000	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 10000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 9000	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 7000	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.5	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	100.0	100.0
≥ 4500	99.5	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	100.0	100.0
≥ 4000	99.5	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	100.0	100.0
≥ 3500	99.5	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	100.0	100.0
≥ 3000	99.5	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	100.0	100.0
≥ 2500	99.5	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	100.0	100.0
≥ 2000	99.5	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	100.0	100.0
≥ 1800	99.5	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	100.0	100.0
≥ 1500	99.5	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	100.0	100.0
≥ 1200	99.5	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	100.0	100.0
≥ 1000	99.5	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	100.0	100.0
≥ 900	99.5	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	100.0	100.0
≥ 800	99.5	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	100.0	100.0
≥ 700	99.5	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	100.0	100.0
≥ 600	99.5	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	100.0	100.0
≥ 500	99.5	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	100.0	100.0
≥ 400	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2360

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,62-65,68-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 20000	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 18000	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 16000	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 14000	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 12000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 10000	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 9000	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	99.8	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
≥ 7000	99.9	100.0	100.0	100.0	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	100.0	100.0	100.0	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 2017

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB APIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 20000	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
≥ 18000	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	93.3	93.3	93.3
≥ 16000	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 14000	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 12000	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 10000	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 9000	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 7000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.8	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
≥ 4500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2252

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 20000	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 18000	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 16000	92.5	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
≥ 14000	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 12000	96.7	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
≥ 10000	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 9000	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 8000	98.8	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	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	99.3	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
≥ 5000	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2721

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	90.1	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	90.6
≥ 20000	93.0	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 18000	93.7	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
≥ 16000	94.3	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	95.0
≥ 14000	95.8	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
≥ 12000	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 10000	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 9000	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 8000	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 7000	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	99.3	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
≥ 5000	99.3	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
≥ 4500	99.3	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
≥ 4000	99.3	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
≥ 3500	99.3	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
≥ 3000	99.3	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
≥ 2500	99.3	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
≥ 2000	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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 2886

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.3	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
≥ 20000	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	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
≥ 16000	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 14000	95.9	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
≥ 12000	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 10000	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 9000	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 8000	98.9	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
≥ 7000	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	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	99.9	99.9	99.9
≥ 5000	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2884

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 20000	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 18000	94.3	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
≥ 16000	95.0	95.5	95.5	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
≥ 14000	95.8	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 12000	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 10000	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 9000	97.5	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 8000	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 7000	98.5	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 6000	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥ 5000	98.8	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 4500	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 4000	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 3500	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 3000	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 2500	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 2000	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 1800	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 1500	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 1200	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 1000	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 900	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 800	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 700	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 600	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 500	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2805

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 20000	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 18000	93.2	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 16000	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 14000	95.0	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 12000	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 10000	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 9000	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 8000	97.9	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 7000	98.1	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	98.7	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 4000	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 3500	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 3000	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2500	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2000	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2599

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 20000	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 18000	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	94.8	94.8	94.8
≥ 16000	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 14000	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	96.6
≥ 12000	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 10000	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 9000	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 8000	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 7000	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	99.5	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
≥ 5000	99.5	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
≥ 4500	99.5	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
≥ 4000	99.5	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
≥ 3500	99.5	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
≥ 3000	99.5	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
≥ 2500	99.5	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
≥ 2000	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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	99.5	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 2377

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-65,68-72,74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	71.6	71.9	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	72.5	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
≥ 16000	74.2	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	80.4	80.8	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	88.0	88.5	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000	91.3	91.9	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	93.0	93.6	93.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 8000	95.9	96.5	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	97.3	97.9	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	97.5	98.2	98.3	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
≥ 5000	98.0	98.8	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	98.0	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	98.1	98.9	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	98.1	98.9	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.1	99.1	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
≥ 2500	98.1	99.1	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
≥ 2000	98.1	99.1	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
≥ 1800	98.1	99.1	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
≥ 1500	98.1	99.1	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
≥ 1200	98.1	99.1	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
≥ 1000	98.1	99.1	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
≥ 900	98.1	99.1	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
≥ 800	98.1	99.1	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	98.1	99.1	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	98.1	99.1	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	98.1	99.1	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
≥ 400	98.1	99.1	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
≥ 300	98.1	99.1	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
≥ 200	98.1	99.1	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
≥ 100	98.1	99.1	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
≥ 0	98.1	99.1	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

TOTAL NUMBER OF OBSERVATIONS 2078

USAF ETAC FORM 1 JAN 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

23194 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	93.8	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	95.5	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	98.7	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
≥ 5000	99.0	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.1	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	99.8	99.8
≥ 4000	99.1	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.1	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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	99.1	99.5	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 2308

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

231.4 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	70.6	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	71.3	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	72.9	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	91.4	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 10000	94.7	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	95.9	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	97.3	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 7000	98.0	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 5000	98.9	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 4500	99.0	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3500	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3000	99.0	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2500	99.1	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.1	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.1	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.1	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2790

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 16000	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 12000	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 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	97.5	97.5	97.5
≥ 9000	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	98.1	98.1	98.1
≥ 8000	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	98.7	98.7	98.7
≥ 7000	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 4500	99.5	99.9	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	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
≥ 3500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 3000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 2500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 2000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1800	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1200	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2742

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
— MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1900 — HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥5/16	≥.125	≥0
NO CEILING	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 20000	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 16000	89.1	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
≥ 14000	92.5	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 10000	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 9000	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 8000	98.5	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
≥ 7000	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2951

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23164 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 18000	87.4	87.5	87.6	87.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 16000	89.0	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
≥ 14000	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 12000	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 10000	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 9000	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥ 8000	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.8
≥ 7000	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 6000	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6
≥ 5000	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 4500	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 4000	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 3500	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 3000	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 2500	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 2000	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 1800	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 1500	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 1200	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 1000	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 900	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 800	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 700	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 600	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 500	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 400	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 300	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 200	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2854

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.7	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	74.0	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
≥ 18000	74.7	75.1	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 16000	76.7	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 14000	82.0	82.6	82.7	82.7	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.5	83.5
≥ 12000	88.6	89.3	89.4	89.4	89.6	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.2	90.2
≥ 10000	90.8	91.4	91.5	91.6	91.8	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.6	92.6
≥ 9000	91.7	92.4	92.5	92.6	92.9	92.9	93.0	93.1	93.1	93.3	93.3	93.3	93.5	93.5	93.6	93.6
≥ 8000	93.4	94.2	94.5	94.7	95.1	95.1	95.3	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.2	96.2
≥ 7000	94.8	95.7	96.1	96.3	96.7	96.8	97.0	97.2	97.2	97.5	97.6	97.6	97.9	97.9	98.0	98.1
≥ 6000	95.7	96.8	97.2	97.4	97.5	97.9	98.1	98.2	98.2	98.6	98.7	98.7	99.0	99.0	99.2	99.3
≥ 5000	95.9	97.1	97.5	97.7	98.2	98.2	98.4	98.6	98.6	98.9	99.0	99.0	99.3	99.3	99.5	99.6
≥ 4500	96.0	97.2	97.6	97.8	98.3	98.3	98.5	98.7	98.7	99.0	99.1	99.1	99.4	99.4	99.6	99.7
≥ 4000	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 3500	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 3000	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 2500	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 2000	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 1800	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 1500	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 1200	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.1	99.2	99.3	99.6	99.6	99.7	99.9
≥ 1000	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 900	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 800	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 700	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 600	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 500	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 400	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 300	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 200	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 100	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.9
≥ 0	96.0	97.2	97.6	97.8	98.4	98.4	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2672

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.8	61.1	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	71.4	71.7	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	72.1	72.5	72.6	72.6	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1
≥ 16000	73.6	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	80.1	80.6	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	86.5	87.0	87.2	87.2	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.9	87.9	87.9	87.9
≥ 10000	89.5	90.1	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 9000	91.0	91.6	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 8000	93.9	94.8	95.1	95.2	95.6	95.6	95.7	95.7	95.7	96.0	96.1	96.1	96.4	96.4	96.4	96.4
≥ 7000	95.2	96.3	96.8	96.8	97.2	97.2	97.4	97.4	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0
≥ 6000	95.7	96.9	97.4	97.4	97.8	97.8	97.9	98.0	98.0	98.3	98.4	98.4	98.7	98.7	98.7	98.7
≥ 5000	96.4	97.7	98.2	98.2	98.6	98.6	98.8	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 4500	96.4	97.3	98.2	98.3	98.7	98.7	98.8	98.8	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6
≥ 4000	96.4	97.[illegible]	98.2	98.3	98.7	98.7	98.8	98.8	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6
≥ 3500	96.4	97.8	98.2	98.3	98.7	98.7	98.8	98.8	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6
≥ 3000	96.4	97.9	98.3	98.4	98.8	98.8	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 2500	96.4	97.9	98.3	98.4	98.8	98.8	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 2000	96.4	97.9	98.3	98.4	98.8	98.8	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 1800	96.4	97.9	98.3	98.4	98.8	98.8	98.9	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 1500	96.4	97.9	98.3	98.4	98.8	98.8	98.9	99.0	99.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 1200	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 1000	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.[illegible]	99.5	99.8	99.8	99.8	99.8
≥ 900	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.[illegible]	99.5	99.8	99.8	99.8	99.8
≥ 800	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.[illegible]	99.5	99.8	99.8	99.8	99.8
≥ 700	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 600	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 500	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 400	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 300	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 200	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 100	96.4	97.9	98.3	98.4	98.8	98.8	99.0	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 0	96.4	97.9	98.4	98.5	98.9	98.9	99.0	99.1	99.1	99.4	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2423

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,70-71,73-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	75.1	75.5	75.5	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
≥ 18000	75.7	76.0	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
≥ 16000	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	88.9	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
≥ 10000	91.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 9000	93.6	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 8000	95.4	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 7000	96.5	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 6000	97.7	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	98.0	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	98.3	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	98.5	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	98.5	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.5	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 2000	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	98.5	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	98.5	99.2	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.5	99.2	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.5	99.2	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.5	99.2	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.5	99.2	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.5	99.2	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2067

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) [illegible] (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	73.1	73.1	73.1	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	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	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	78.3	78.3	78.3
≥ 16000	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	86.0	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
≥ 12000	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 10000	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 9000	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 8000	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 7000	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 5000	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 4500	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.1	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	99.8	99.8
≥ 3500	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3000	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 2500	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	99.1	99.7	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	100.0
≥ 700	99.1	99.7	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	100.0
≥ 600	99.1	99.7	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	100.0
≥ 500	99.1	99.7	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	100.0
≥ 400	99.1	99.7	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	100.0
≥ 300	99.1	99.7	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	100.0
≥ 200	99.1	99.7	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	100.0
≥ 100	99.1	99.7	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	100.0
≥ 0	99.1	99.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 2334

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000	75.5	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	76.2	76.3	76.5	76.5	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	78.1	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	83.8	84.0	84.1	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
≥ 12000	90.6	90.8	90.9	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
≥ 10000	93.5	93.7	93.8	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
≥ 9000	94.4	94.6	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
≥ 8000	96.0	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	97.1	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	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	98.4	98.4
≥ 5000	98.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	98.3	98.6	99.1	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
≥ 4000	98.4	98.8	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.5	98.9	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
≥ 3000	98.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.7	99.1	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
≥ 2000	98.7	99.1	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
≥ 1800	98.7	99.1	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
≥ 1500	98.7	99.1	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
≥ 1200	98.7	99.1	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
≥ 1000	98.7	99.1	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
≥ 900	98.7	99.1	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
≥ 800	98.7	99.1	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
≥ 700	98.7	99.1	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
≥ 600	98.7	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.1	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
≥ 400	98.7	99.2	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
≥ 300	98.7	99.2	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.2	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	99.2	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	99.2	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 2879

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.6	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	76.9
≥ 20000	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	82.4	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	82.7
≥ 16000	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 14000	88.8	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
≥ 12000	94.2	94.5	94.5	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
≥ 10000	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	96.6
≥ 9000	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 8000	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 5000	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.9	99.2	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
≥ 4000	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	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	99.2	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	99.2	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	99.2	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	99.2	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 3042

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.9	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
≥ 20000	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	88.1	88.1	88.1
≥ 18000	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 14000	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 12000	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
≥ 10000	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	97.3	97.3
≥ 9000	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 8000	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	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	98.8	98.8	98.8
≥ 5000	99.0	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
≥ 4500	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.2	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
≥ 3500	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3032

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8
≥ 18000	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 16000	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7
≥ 14000	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9
≥ 12000	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 10000	95.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1
≥ 9000	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.6	96.6
≥ 8000	97.0	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.8	97.8
≥ 7000	97.4	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3
≥ 6000	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
≥ 5000	98.4	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 4500	98.4	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.5	99.5
≥ 4000	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.5	99.5
≥ 3500	98.5	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.6	99.6
≥ 3000	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 2500	98.7	98.9	99.0	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 2000	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 1800	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 1500	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 1200	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 1000	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 900	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 800	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 700	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 600	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 300	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2940

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.0	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	76.3	76.5	76.7	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 18000	77.0	77.3	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 16000	77.9	78.2	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 14000	82.5	82.8	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
≥ 12000	88.2	88.6	88.8	88.8	88.9	88.9	89.2	89.2	89.2	89.3	89.3	89.4	89.5	89.5	89.6	89.7
≥ 10000	90.0	90.3	90.5	90.7	90.9	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.5	91.5	91.6	91.7
≥ 9000	91.0	91.4	91.6	91.8	91.9	91.9	92.2	92.3	92.3	92.4	92.4	92.5	92.6	92.6	92.7	92.8
≥ 8000	93.7	94.2	94.4	94.6	94.8	94.8	95.2	95.2	95.2	95.3	95.4	95.4	95.6	95.6	95.7	95.8
≥ 7000	94.7	95.3	95.6	95.8	96.0	96.0	96.4	96.5	96.5	96.6	96.7	96.7	96.9	96.9	97.1	97.1
≥ 6000	95.5	96.0	96.5	96.6	97.1	97.1	97.4	97.5	97.5	97.8	97.9	97.9	98.2	98.2	98.4	98.5
≥ 5000	96.0	96.6	97.2	97.4	97.9	97.9	98.2	98.3	98.3	98.7	98.8	98.8	99.1	99.1	99.3	99.4
≥ 4500	96.0	96.6	97.3	97.4	97.9	97.9	98.3	98.3	98.3	98.7	98.8	98.8	99.1	99.1	99.4	99.4
≥ 4000	96.1	96.8	97.4	97.5	98.0	98.0	98.4	98.4	98.4	98.8	98.9	99.0	99.2	99.2	99.5	99.5
≥ 3500	96.1	96.8	97.4	97.6	98.1	98.1	98.4	98.5	98.5	98.8	99.0	99.0	99.2	99.2	99.5	99.6
≥ 3000	96.2	96.8	97.4	97.6	98.1	98.1	98.4	98.5	98.5	98.9	99.0	99.0	99.3	99.3	99.5	99.6
≥ 2500	96.2	96.8	97.5	97.7	98.1	98.1	98.5	98.6	98.6	98.9	99.0	99.1	99.3	99.3	99.6	99.6
≥ 2000	96.2	96.9	97.6	97.8	98.2	98.2	98.6	98.7	98.7	99.0	99.1	99.2	99.4	99.4	99.7	99.8
≥ 1800	96.2	96.9	97.6	97.8	98.2	98.2	98.6	98.7	98.7	99.0	99.1	99.2	99.4	99.4	99.7	99.8
≥ 1500	96.2	96.9	97.6	97.8	98.2	98.2	98.6	98.7	98.7	99.0	99.1	99.2	99.4	99.4	99.7	99.8
≥ 1200	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 1000	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 900	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 800	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 700	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 600	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.7	99.8
≥ 500	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.9
≥ 400	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.9
≥ 300	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.9
≥ 200	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.9
≥ 100	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.3	99.6	99.6	99.9	100.0
≥ 0	96.2	96.9	97.6	97.8	98.3	98.3	98.6	98.7	98.7	99.1	99.2	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2770

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.0	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	75.3	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	75.8	76.1	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	76.8	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
≥ 14000	81.3	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 12000	87.1	87.7	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 10000	90.6	91.3	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 9000	92.2	93.0	93.2	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	93.8	94.7	95.0	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 7000	95.5	96.6	96.9	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 6000	96.6	97.7	98.0	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 5000	97.1	98.2	98.6	98.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 4500	97.1	98.2	98.6	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 4000	97.2	98.3	98.7	98.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 3500	97.3	98.4	98.9	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 3000	97.3	98.4	98.9	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 2500	97.3	98.4	98.9	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 2000	97.3	98.4	98.9	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1800	97.3	98.4	98.9	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1500	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1200	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1000	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 900	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 800	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 600	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	97.3	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2438

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,72-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 20000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 18000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 16000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 14000	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
≥ 12000	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 10000	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 9000	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 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	99.4	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
≥ 3500	99.4	99.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	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	99.9	99.9	99.9
≥ 2500	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1974

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 20000	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	89.6	89.6
≥ 18000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 16000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥ 14000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 10000	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 9000	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	97.3	97.3
≥ 8000	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 4000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2225

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 20000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 18000	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 16000	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 14000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 12000	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 10000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.2
≥ 9000	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 8000	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
7000	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	98.1
6000	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
5000	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 4500	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 4000	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 3500	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 3000	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 2500	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 2000	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 1800	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 1500	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 1200	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 1000	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 900	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 800	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 700	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 600	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 500	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2707

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 20000	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 18000	88.5	88.8	88.8	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
≥ 16000	89.2	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 14000	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 12000	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 10000	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
≥ 9000	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 7000	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	98.1	98.1	98.1
≥ 6000	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	98.6	98.6	98.6
≥ 5000	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	98.6	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	98.8	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2893

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.6	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 20000	88.5	88.9	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	89.0	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 16000	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 14000	91.2	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 12000	93.7	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	94.4	94.4
≥ 10000	95.1	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 9000	95.5	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 8000	96.1	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 7000	97.1	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 6000	98.0	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 5000	98.5	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 4500	98.5	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 4000	98.7	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 3500	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 3000	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 2500	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 2000	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2902

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	88.7	89.0	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	89.3
≥ 14000	90.4	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 12000	92.8	93.0	93.2	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 10000	94.4	94.7	94.9	95.0	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 9000	95.1	95.4	95.6	95.7	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 8000	95.8	96.1	96.4	96.4	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 7000	96.7	97.1	97.4	97.4	97.5	97.5	97.7	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 6000	97.6	98.0	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 5000	98.0	98.4	98.7	98.7	98.9	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 4500	98.2	98.6	98.9	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 4000	98.4	98.8	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 3500	98.4	98.8	99.1	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3000	98.4	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	98.4	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1500	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2812

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 20000	86.6	86.7	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 16000	87.5	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 14000	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 12000	92.4	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 10000	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 9000	94.9	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 8000	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.6	96.6
≥ 7000	96.6	96.9	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 6000	97.8	98.2	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1
≥ 5000	98.2	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5
≥ 4500	98.3	98.7	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.7
≥ 4000	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 3500	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 3000	98.5	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 2500	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 2000	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 1800	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 1500	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 1200	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 1000	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 900	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 800	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 700	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 600	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 500	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 400	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 300	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 200	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2609

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 20000	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 14000	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 12000	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 10000	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
≥ 9000	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	96.6
≥ 8000	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 7000	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 6000	98.8	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	99.6	99.6
≥ 5000	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 4500	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 4000	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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	99.1	99.4	99.6	99.7	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 2262

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,72-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 20000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	89.3	89.3	39.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	89.8	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
≥ 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	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 8000	96.0	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
≥ 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	97.8	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
≥ 5000	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 20000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 16000	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000	90.2	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
≥ 12000	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	92.2	92.2
≥ 10000	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	95.8	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
≥ 6000	97.0	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
≥ 5000	98.4	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
≥ 4500	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	99.2	99.2
≥ 4000	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.1	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
≥ 3000	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2254

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.7	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	81.0	81.0
≥ 20000	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 16000	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 12000	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 10000	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	92.8	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	95.1	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	96.3	96.6	96.7	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	97.6	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	97.9	98.2	98.3	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	98.1	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.4	98.7	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	98.5	98.8	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	98.6	98.9	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 2000	98.6	99.0	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1800	98.6	99.0	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.6	99.0	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2820

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	84.7	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	85.1	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	85.9	86.5	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
≥ 14000	87.6	88.2	88.5	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
≥ 12000	89.7	90.4	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
≥ 10000	91.6	92.3	92.5	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
≥ 9000	92.1	92.8	93.0	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
≥ 8000	93.2	93.9	94.2	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
≥ 7000	93.7	94.4	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 6000	95.1	95.9	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	96.5	97.3	97.6	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	96.7	97.6	97.9	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	97.0	97.9	98.2	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	97.3	98.2	98.5	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	97.4	98.2	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	97.5	98.4	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	97.7	98.5	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	97.7	98.6	99.0	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	97.7	98.6	99.0	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	97.7	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.7	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.7	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.7	98.6	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.7	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3012

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.2	80.1	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 20000	85.9	86.9	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 18000	86.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	87.3	88.3	88.3	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
≥ 14000	89.2	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 12000	90.9	91.9	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 10000	92.1	93.1	93.2	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
≥ 9000	92.8	93.8	94.0	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
≥ 8000	93.2	94.3	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	94.0	95.2	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
≥ 6000	95.2	96.2	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	96.2	97.5	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	96.5	97.8	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	97.0	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	97.3	98.7	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	97.4	98.8	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	97.8	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	97.9	99.3	99.5	99.6	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	97.9	99.3	99.5	99.6	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	97.9	99.3	99.5	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
≥ 1200	97.9	99.3	99.5	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
≥ 1000	97.9	99.3	99.5	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
≥ 900	97.9	99.3	99.5	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
≥ 800	97.9	99.3	99.5	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
≥ 700	97.9	99.3	99.5	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
≥ 600	97.9	99.3	99.5	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
≥ 500	97.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.9	99.3	99.5	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	97.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3012

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	79.0	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	86.4	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 18000	86.8	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 16000	88.0	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	89.9	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	91.8	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 10000	93.1	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	93.7	94.4	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	94.5	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 7000	95.9	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 6000	96.8	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 5000	97.9	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 4500	98.0	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 4000	98.3	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	98.3	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 3000	98.4	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.5	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 2000	98.5	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1800	98.5	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.5	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2920

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 20000	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
≥ 18000	88.9	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
≥ 16000	89.6	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	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 12000	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	94.4	94.8	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
≥ 9000	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 8000	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 7000	96.9	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	97.9	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	98.5	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.6	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 2500	98.7	99.4	99.5	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
≥ 2000	98.7	99.4	99.5	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
≥ 1800	98.7	99.4	99.5	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
≥ 1500	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2661

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

231C4 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (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	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
≥ 20000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 18000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 16000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 14000	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 12000	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	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	96.2
≥ 8000	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	97.3	97.3
≥ 7000	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
≥ 6000	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 5000	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2262

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-64,71,73 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.2	85.4	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
≥ 20000	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 18000	89.5	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	90.5	90.7	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	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 10000	93.5	93.8	93.9	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
≥ 9000	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	98.7	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.8	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.8	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.8	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1389

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (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	84.4	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 20000	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 18000	89.2	89.4	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 16000	89.8	89.9	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 14000	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 12000	92.2	92.3	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	93.9	94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 8000	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	95.2	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	96.4	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.[illegible]	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.7	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.8	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.8	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
≥ [illegible]	98.8	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
≥ 800	98.8	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
≥ [illegible]00	98.8	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
≥ 600	98.8	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
≥ 500	98.8	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
≥ 400	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2167

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L ST))

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	78.9	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7
≥ 20000	85.[illegible]	85.2	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0
≥ 18000	85.4	85.7	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.4
≥ 16000	86.5	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 14000	88.4	88.7	88.9	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 12000	89.9	90.2	90.4	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 10000	91.4	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 9000	91.8	92.1	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 8000	92.7	93.1	93.4	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 7000	93.8	94.3	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 6000	95.3	95.7	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.6
≥ 5000	97.0	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 4500	97.1	97.6	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5
≥ 4000	97.7	98.2	98.5	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 3500	97.9	98.4	98.7	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 3000	98.1	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 2500	98.2	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 2000	98.2	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1800	98.2	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1500	98.2	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1200	98.2	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1000	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	98.2	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	98.2	98.9	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.2	98.9	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.2	98.9	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.2	98.9	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2698

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.3	75.4	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 20000	82.4	83.9	84.4	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 18000	82.9	84.4	85.0	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	84.2	85.7	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 14000	86.1	87.6	88.2	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	87.3	88.9	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000	89.1	90.6	91.3	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
≥ 9000	89.6	91.2	91.8	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	90.6	92.3	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	91.7	93.4	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	93.1	94.8	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	94.8	96.6	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	94.9	97.8	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 4000	95.3	97.2	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	95.4	97.4	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥ 3000	95.7	97.7	98.4	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	95.9	98.0	98.7	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
≥ 2000	96.1	98.2	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	96.1	98.3	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	96.1	98.3	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.1	98.3	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1000	96.1	98.3	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.2	98.3	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	96.2	98.3	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	96.2	98.4	99.3	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
≥ 600	96.2	98.4	99.3	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
≥ 500	96.2	98.4	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	96.2	98.4	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	96.2	98.4	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	96.2	98.4	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	96.2	98.4	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	96.2	98.4	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2864

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.1	73.7	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	81.1	83.1	83.6	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	81.5	83.4	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	82.9	84.9	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.6	85.8	85.8	85.8
≥ 14000	84.8	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 12000	86.5	88.6	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 10000	88.0	90.1	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 9000	88.2	90.3	90.9	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	89.4	91.5	92.1	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	90.5	92.7	93.2	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	92.1	94.3	94.9	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	93.4	95.7	96.3	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 4500	93.6	95.9	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	94.3	96.8	97.4	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	94.7	97.2	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 3000	95.2	97.8	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	95.4	98.1	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	95.5	98.2	98.9	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	95.5	98.2	98.9	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	95.5	98.2	98.9	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1200	95.6	98.3	99.0	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	95.6	98.3	99.0	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	95.6	98.3	99.0	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	95.6	98.4	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	95.7	98.4	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.7	98.5	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.7	98.5	99.2	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.7	98.5	99.2	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.7	98.5	99.2	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.7	98.5	99.2	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.7	98.5	99.2	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.7	98.5	99.2	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2887

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.4	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	82.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4
≥ 18000	82.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 16000	84.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 14000	86.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 12000	88.3	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2
≥ 10000	89.8	92.2	92.4	92.4	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 9000	90.3	92.7	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 8000	90.9	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 7000	92.1	94.6	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 6000	93.4	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 5000	94.8	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 4500	95.3	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 4000	95.7	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 3500	95.8	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 3000	96.0	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 2500	96.2	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 2000	96.3	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1800	96.3	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1500	96.3	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	96.4	99.2	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2793

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.0	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	85.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 18000	85.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 16000	86.6	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
≥ 14000	88.4	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 12000	90.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 10000	91.3	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	92.0	93.8	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
≥ 8000	93.1	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	93.9	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	95.0	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	97.2
≥ 5000	95.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	96.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	96.7	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
≥ 3500	96.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	96.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	96.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	97.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	97.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2516

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.3	84.6	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 20000	89.1	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 18000	89.3	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	89.9	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 14000	91.5	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	92.6	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	93.6	94.1	94.2	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
≥ 9000	94.0	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	95.1	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000	95.8	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	96.7	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 5000	97.8	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	98.0	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4000	98.2	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	98.3	99.0	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
≥ 3000	98.4	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.4	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.3	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2116

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-64,71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	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
≥ 16000	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	88.4	88.5	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
≥ 12000	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	91.5	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
≥ 9000	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5000	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.4	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	99.2	99.2
≥ 2500	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.6	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1952

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.5	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	78.9
≥ 20000	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 16000	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
≥ 14000	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	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	89.2	89.2	89.3
≥ 10000	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
≥ 9000	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	91.4	91.4	91.4
≥ 8000	92.7	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
≥ 7000	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	94.9	94.9	94.9
≥ 6000	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 5000	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 4500	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 4000	98.0	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	98.9
≥ 3500	98.1	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 2500	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.3	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.3	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.3	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	98.3	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	98.3	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.3	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.3	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.3	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2177

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.3	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.8	73.9
≥ 20000	78.0	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.3	79.4	79.6
≥ 18000	78.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.9	80.0
≥ 16000	80.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.6
≥ 14000	82.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.7	83.9
≥ 12000	84.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.1	86.2
≥ 10000	86.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.9	88.1
≥ 9000	86.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.4	88.5
≥ 8000	88.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.9	90.1
≥ 7000	90.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.6	91.8
≥ 6000	92.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.1	94.3
≥ 5000	94.5	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.2	96.4
≥ 4500	95.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.7	96.8
≥ 4000	95.6	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.5	97.7
≥ 3500	95.8	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.8	97.9
≥ 3000	96.1	97.5	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.2	98.4
≥ 2500	96.3	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.7	98.8
≥ 2000	96.4	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.9	99.1
≥ 1800	96.4	98.0	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0	99.1
≥ 1500	96.4	98.1	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.2
≥ 1200	96.5	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	99.0	99.1	99.3
≥ 1000	96.6	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.3	99.4
≥ 900	96.6	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.3	99.4
≥ 800	96.6	98.3	98.6	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.3	99.4
≥ 700	96.6	98.3	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.3	99.5
≥ 600	96.6	98.3	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.6
≥ 500	96.6	98.3	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.6
≥ 400	96.6	98.3	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.6
≥ 300	96.6	98.3	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.6
≥ 200	96.6	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.6	99.9
≥ 100	96.6	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.6	100.0
≥ 0	96.6	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2695

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.0	69.5	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 20000	76.5	78.1	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 18000	77.4	79.0	79.4	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 16000	78.9	80.6	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 14000	81.3	83.0	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 12000	83.5	85.2	85.5	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 10000	84.8	86.5	86.9	87.1	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 9000	85.4	87.2	87.5	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 8000	87.2	89.0	89.3	89.5	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 7000	88.9	90.8	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 6000	90.4	92.3	92.7	92.9	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 5000	92.6	94.6	95.0	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 4500	93.2	95.1	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 4000	93.9	96.0	96.4	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 3500	94.3	96.5	96.9	97.1	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 3000	94.6	96.9	97.3	97.5	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 2500	94.9	97.2	97.7	98.1	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 2000	95.0	97.4	97.9	98.3	98.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1800	95.1	97.5	98.0	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1500	95.3	97.7	98.2	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 1200	95.5	97.9	98.4	98.8	99.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	95.5	98.0	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 900	95.5	98.1	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 800	95.5	98.1	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 600	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 500	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 400	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 300	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 100	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0	95.5	98.1	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2927

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

231C4 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.8	67.6	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	75.9	77.9	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	77.0	79.0	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	78.5	80.7	80.9	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
≥ 14000	80.9	83.0	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	83.0	85.1	85.4	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
≥ 10000	84.7	86.9	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	85.3	87.5	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	86.5	88.8	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	87.9	90.1	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	89.9	92.2	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	92.0	94.5	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
≥ 4500	92.8	95.4	95.8	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
≥ 4000	93.3	96.3	96.8	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
≥ 3500	94.2	96.8	97.3	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
≥ 3000	94.7	97.4	97.9	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
≥ 2500	95.0	97.7	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	95.3	98.0	98.5	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	95.4	98.1	98.5	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	95.5	98.3	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	95.5	98.3	98.8	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	95.5	98.4	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	95.5	98.4	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.6	98.5	98.9	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2931

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	77.0	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	78.1	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	79.6	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	81.7	83.2	83.3	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
≥ 12000	83.9	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	85.6	87.2	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	86.4	88.0	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	87.3	88.9	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	88.9	90.6	90.7	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
≥ 6000	90.2	91.9	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	92.7	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	93.5	95.3	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	94.6	96.4	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	95.4	97.3	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	95.6	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	96.1	98.3	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	96.4	98.8	99.0	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	96.4	98.8	99.0	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	96.5	98.9	99.1	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
≥ 1200	96.5	98.9	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.5	98.9	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2811

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.2	72.3	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	80.0	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	80.6	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 16000	81.4	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	83.5	85.0	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	86.2	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	87.7	89.4	89.7	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
≥ 9000	88.3	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	89.4	91.1	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	91.1	92.7	93.1	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
≥ 6000	93.0	94.7	95.1	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
≥ 5000	95.1	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	95.7	97.5	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	95.9	97.8	98.2	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
≥ 3500	96.1	98.0	98.4	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	96.4	98.4	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
≥ 2500	96.6	98.5	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	96.6	98.8	99.2	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
≥ 1800	96.6	98.8	99.2	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
≥ 1500	96.6	98.8	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	96.6	98.8	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
≥ 1000	96.6	98.8	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
≥ 900	96.6	98.8	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
≥ 800	96.6	98.8	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.6	98.8	99.4	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
≥ 400	96.6	98.8	99.4	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
≥ 300	96.6	98.8	99.4	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
≥ 200	96.6	98.8	99.4	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	96.6	98.8	99.4	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
≥ 0	96.6	98.8	99.4	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

TOTAL NUMBER OF OBSERVATIONS 2407

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.5	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	83.9	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	84.6	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 16000	85.8	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 14000	88.1	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 12000	89.9	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 10000	90.8	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 9000	91.4	92.3	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	92.9	93.8	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	94.3	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 6000	95.8	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	96.8	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	96.9	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 4000	97.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 3500	97.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 3000	97.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 2500	97.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 2000	97.8	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1800	97.8	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1500	97.8	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1200	97.9	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.9	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.9	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	97.9	99.3	99.4	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
≥ 600	97.9	99.3	99.4	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
≥ 500	97.9	99.3	99.4	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
≥ 400	97.9	99.3	99.4	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
≥ 300	97.9	99.3	99.4	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
≥ 200	97.9	99.3	99.4	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	97.9	99.3	99.4	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
≥ 0	97.9	99.3	99.4	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

TOTAL NUMBER OF OBSERVATIONS 2091

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

SKY COVER SUMMARY

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

PART D SKY COVER

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

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

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

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

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

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

874 29965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	ALL

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	41.1	5.0	5.2	4.1	3.6	2.5	3.5	3.9	5.4	4.5	21.3	4.0	16043
FEB		43.3	5.3	5.0	4.5	3.1	2.7	3.6	4.2	5.4	4.0	19.0	3.8	14141
MAR		39.5	6.1	5.7	4.9	3.8	3.2	3.8	4.2	6.0	4.1	18.7	3.9	15299
APR		48.0	6.5	5.9	4.8	4.1	2.9	3.4	4.4	4.8	3.1	12.2	3.1	15560
MAY		55.4	6.8	5.7	4.5	3.5	2.5	3.4	4.1	4.5	2.8	6.9	2.4	16409
JUN		63.3	7.3	5.1	4.1	3.4	2.3	2.7	2.7	3.3	2.0	3.9	1.7	16025
JUL		22.7	8.5	8.5	7.3	6.3	5.4	5.5	7.0	8.8	6.3	13.8	4.5	16448
AUG		28.9	8.3	8.2	7.4	6.4	4.7	4.5	6.3	8.2	5.6	11.6	4.0	16529
SEP		55.0	8.3	6.4	5.3	4.2	3.0	3.3	3.6	3.5	2.2	5.3	2.2	15801
OCT		57.1	6.8	5.5	4.6	3.5	2.4	3.3	3.4	4.0	2.6	6.9	2.3	16159
NOV		52.2	6.2	5.3	4.1	3.2	2.4	3.2	3.9	4.6	3.6	11.6	2.8	15314
DEC		45.1	5.4	5.3	4.3	3.2	2.4	3.6	3.8	5.1	4.3	17.6	3.6	15564
TOTALS		46.0	6.7	6.0	5.0	4.0	3.0	3.7	4.3	5.3	3.8	12.4	3.2	189292

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	JAN

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	53.6	3.2	5.5	3.2	3.7	1.7	2.9	3.9	3.4	2.2	16.7	3.1	1608
	03-05	55.1	2.5	4.0	4.2	3.5	2.0	2.6	3.1	4.2	1.8	16.9	3.0	1816
	06-08	40.7	4.8	6.0	4.4	3.1	3.0	3.6	4.0	5.3	4.0	21.1	4.0	2148
	09-11	33.4	6.8	4.8	4.0	3.5	2.8	2.9	4.1	4.5	6.5	26.8	4.6	2246
	12-14	31.0	6.4	4.5	4.1	3.8	2.9	3.9	3.3	5.4	7.5	27.2	4.9	2258
	15-17	28.8	7.0	5.6	3.8	3.3	2.9	3.8	3.9	7.2	7.1	26.8	5.0	2211
	18-20	36.8	5.8	5.4	4.6	4.4	2.8	5.0	5.0	7.2	4.1	18.9	4.1	2033
	21-23	49.0	3.5	5.6	4.5	3.7	2.1	3.5	3.7	5.8	2.6	16.1	3.3	1723
TOTALS		41.1	5.0	5.2	4.1	3.6	2.5	3.5	3.9	5.4	4.5	21.3	4.0	16043

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	FEB

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	58.9	2.8	4.1	3.6	2.4	1.4	2.4	2.6	4.0	1.4	16.7	2.8	1404
	03-05	56.5	2.9	4.4	3.5	2.8	2.0	2.6	3.8	4.0	1.6	15.9	2.9	1595
	06-08	42.2	5.9	5.8	4.3	3.8	3.0	4.2	3.8	5.4	4.7	16.9	3.7	1901
	09-11	38.0	6.8	4.4	4.9	3.2	2.9	3.8	5.3	5.5	5.7	19.7	4.1	1995
	12-14	32.1	6.7	6.5	4.8	2.7	3.9	3.2	4.6	7.1	6.2	22.1	4.5	2007
	15-17	28.5	7.3	5.3	5.5	4.0	3.5	4.1	5.1	6.5	6.2	23.8	4.8	1964
	18-20	37.0	6.0	5.3	5.3	3.3	2.6	5.4	5.2	6.3	4.0	19.6	4.1	1780
	21-23	52.8	3.7	4.2	3.7	2.7	2.4	2.9	3.5	4.2	2.4	17.5	3.2	1495
TOTALS		43.3	5.3	5.0	4.5	3.1	2.7	3.6	4.2	5.4	4.0	19.0	3.8	14141

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
47-70 — 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	53.4	3.9	4.6	4.5	2.4	2.6	2.7	3.2	5.2	2.5	15.1	3.0	1488
	03-05	51.6	3.3	4.7	5.9	4.3	2.8	3.1	3.2	4.3	2.1	14.8	3.0	1707
	06-08	37.5	7.0	6.6	4.6	3.5	3.1	2.9	4.9	6.4	4.5	18.9	4.0	2050
	09-11	35.2	8.5	5.5	4.3	2.9	3.3	3.5	3.9	5.9	6.1	20.7	4.2	2171
	12-14	28.9	8.0	5.8	4.5	4.8	4.5	5.0	4.8	6.9	5.5	21.3	4.6	2183
	15-17	25.4	7.8	6.5	5.5	4.6	4.0	4.6	5.8	6.4	5.9	23.5	4.8	2126
	18-20	34.7	6.9	6.2	5.3	4.1	3.1	4.1	4.6	7.3	4.0	19.7	4.2	1922
	21-23	49.4	3.1	5.9	4.8	4.1	2.5	4.2	3.3	5.4	1.9	15.3	3.2	1652
TOTALS		39.5	6.1	5.7	4.9	3.8	3.2	3.8	4.2	6.0	4.1	18.7	3.9	15299

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	APR

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	64.6	3.7	4.7	3.5	2.4	1.7	1.6	3.1	3.3	1.7	9.7	2.1	1530
	03-05	59.0	4.1	5.9	4.2	2.5	2.2	3.0	3.3	3.6	2.1	10.0	2.4	1743
	06-08	47.0	7.9	5.2	5.0	3.6	2.7	3.1	4.7	5.0	3.4	12.4	3.1	2083
	09-11	45.6	8.6	5.8	4.2	3.4	3.2	3.2	4.2	4.8	3.9	13.2	3.2	2188
	12-14	37.6	8.3	6.1	5.3	5.1	3.6	3.4	5.8	6.3	4.3	14.2	3.7	2199
	15-17	34.8	7.7	6.9	5.0	5.6	4.0	4.1	6.4	5.9	4.3	15.2	3.9	2146
	18-20	38.9	6.9	6.1	5.6	5.8	3.3	5.4	4.8	6.2	4.0	12.9	3.6	1984
	21-23	56.2	4.6	6.5	5.2	4.3	2.6	3.0	3.1	3.6	.8	10.1	2.4	1687
TOTALS		48.0	6.5	5.9	4.8	4.1	2.9	3.4	4.4	4.8	3.1	12.2	3.1	15560

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	69.4	4.0	5.6	3.7	2.6	1.3	2.1	2.7	3.0	.9	4.6	1.5	1685
	03-05	66.1	4.9	4.9	3.4	3.2	2.6	2.2	3.4	3.0	1.6	4.8	1.7	1870
	06-08	53.9	8.1	4.9	4.4	2.8	2.0	4.0	4.1	4.8	3.7	7.3	2.5	2171
	09-11	54.2	6.1	4.9	5.1	2.9	2.6	4.3	4.3	4.7	3.4	7.5	2.5	2276
	12-14	47.9	8.1	6.6	4.6	[illegible].0	2.9	3.5	4.5	5.3	4.1	8.4	2.8	2272
	15-17	45.0	8.8	6.6	4.6	4.1	3.4	3.7	4.6	5.6	3.7	9.9	3.0	2215
	18-20	45.8	8.9	6.3	5.7	4.5	2.9	3.8	5.1	6.3	3.3	7.3	2.8	2064
	21-23	60.8	5.3	5.4	4.1	4.1	2.3	3.6	3.9	3.0	1.6	5.3	2.0	1856
TOTALS		55.4	6.8	5.7	4.5	3.5	2.5	3.4	4.1	4.5	2.8	6.9	2.4	16409

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	JUN

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	74.1	4.7	3.9	3.0	3.1	1.3	1.6	1.8	1.7	.7	4.2	1.2	1634
	03-05	67.7	6.4	5.1	4.0	3.0	1.9	1.9	1.9	2.9	1.5	3.5	1.5	1820
	06-08	60.0	9.8	5.3	4.3	2.9	2.4	2.5	3.0	4.2	2.0	3.6	1.8	2116
	09-11	62.8	7.6	5.1	4.0	3.6	2.3	2.7	2.3	3.3	1.9	4.4	1.8	2215
	12-14	59.2	8.3	6.3	4.2	3.5	2.3	3.1	3.4	3.5	2.5	3.7	1.9	2215
	15-17	56.2	9.6	5.5	5.0	4.2	3.2	3.5	2.7	3.6	2.8	3.8	2.0	2158
	18-20	57.5	7.6	4.9	3.9	4.0	2.9	3.4	3.5	4.6	3.0	4.6	2.1	2013
	21-23	63.7	4.1	4.6	4.1	3.2	2.4	2.8	3.0	2.4	1.3	3.5	1.5	1854
TOTALS		63.3	7.3	5.1	4.1	3.4	2.3	2.7	2.7	3.3	2.0	3.9	1.7	16025

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	JUL

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	32.4	6.0	6.3	5.8	5.0	2.8	5.5	5.9	6.9	4.9	18.5	4.3	1696
	03-05	27.2	7.2	7.2	6.1	5.7	4.1	5.6	7.6	8.7	6.1	14.5	4.4	1863
	06-08	16.9	8.4	7.8	7.0	6.7	5.7	5.6	7.4	11.7	8.2	14.5	5.0	2166
	09-11	23.7	10.4	8.8	6.7	6.4	6.0	5.9	7.2	7.9	6.4	10.4	4.2	2269
	12-14	24.2	11.0	11.3	10.1	7.6	6.4	5.2	6.9	6.6	4.0	6.8	3.6	2262
	15-17	18.0	11.5	11.7	9.3	7.8	8.3	5.4	7.2	8.2	5.3	7.3	4.0	2193
	18-20	15.8	7.6	6.9	6.7	5.8	5.7	5.7	7.7	11.7	9.9	16.5	5.3	2083
	21-23	23.5	5.7	7.6	6.4	5.6	4.4	5.0	5.7	9.0	5.3	21.8	4.9	1916
TOTALS		22.7	8.5	8.5	7.3	6.3	5.4	5.5	7.0	8.8	6.3	13.8	4.5	16448

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	.	6	7	8	9	10		
AUG	00-02	41.2	5.2	6.0	4.5	4.6	2.6	3.9	4.5	7.0	3.5	16.9	3.7	1674
	03-05	37.1	7.4	6.9	6.4	4.9	3.3	5.3	5.9	7.2	4.0	11.7	3.6	1871
	06-08	25.0	8.8	8.2	6.6	5.7	4.2	4.0	8.0	9.3	7.9	12.2	4.4	2198
	09-11	30.9	8.8	8.8	7.5	6.6	4.5	4.3	6.0	9.0	5.7	8.0	3.7	2300
	12-14	25.0	11.7	12.1	10.3	7.6	6.6	4.6	6.4	6.9	4.1	4.7	3.4	2288
	15-17	18.3	11.6	12.1	11.5	9.5	7.4	4.0	6.3	9.1	5.4	4.8	3.8	2220
	18-20	20.6	7.2	6.5	7.4	6.7	4.6	5.7	7.1	9.5	8.7	16.2	4.9	2103
	21-23	32.8	5.6	5.2	4.6	5.8	4.4	4.2	6.0	7.6	5.5	18.2	4.4	1875
TOTALS		28.9	8.3	8.2	7.4	6.4	4.7	4.5	6.3	8.2	5.6	11.6	4.0	16529

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
46-70 — PERIOD
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	67.8	5.0	4.3	3.2	3.2	2.2	3.4	2.2	2.5	1.3	5.0	1.6	1610
	03-05	65.3	6.3	5.4	3.9	3.7	2.2	2.1	3.2	2.1	1.3	4.4	1.6	1787
	06-08	50.6	9.7	7.2	6.3	4.4	2.9	3.8	3.8	3.8	1.9	5.5	2.3	2090
	09-11	54.8	8.9	6.1	5.3	3.6	3.0	3.1	4.0	3.1	3.0	5.1	2.2	2196
	12-14	48.9	10.2	8.7	6.4	5.0	3.1	3.1	3.7	3.7	2.7	4.6	2.3	2196
	15-17	42.4	11.7	8.6	7.9	4.9	4.9	3.0	3.9	5.0	2.6	5.0	2.6	2129
	18-20	48.7	9.4	5.9	4.8	4.6	3.2	4.5	5.1	4.6	2.6	6.7	2.6	2012
	21-23	61.4	5.3	4.8	4.8	4.0	2.2	3.1	3.2	3.3	1.9	6.0	2.0	1781
TOTALS		55.0	8.3	6.4	5.3	4.2	3.0	3.3	3.6	3.5	2.2	5.3	2.2	15801

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	69.4	3.7	5.1	3.9	2.8	.8	2.2	2.5	2.7	.8	6.1	1.6	1581
	03-05	68.2	3.8	4.4	3.9	2.1	1.4	2.8	3.1	1.9	1.4	6.8	1.8	1802
	06-08	53.4	6.9	5.7	4.4	3.9	3.4	3.0	4.5	4.2	3.7	6.8	2.5	2164
	09-11	52.8	6.4	5.7	4.3	3.2	2.6	4.0	4.5	5.1	3.8	7.6	2.6	2282
	12-14	48.1	8.6	5.6	5.8	4.7	2.8	3.8	4.2	5.9	3.0	7.6	2.7	2300
	15-17	45.1	10.7	6.6	5.3	4.3	3.1	4.4	3.8	5.5	3.7	7.3	2.8	2226
	18-20	54.6	8.5	5.8	5.2	3.9	2.2	3.3	2.9	3.9	2.8	6.9	2.3	2051
	21-23	65.4	5.5	4.8	3.9	3.1	2.5	2.7	1.9	2.9	1.5	5.8	1.8	1753
TOTALS		57.1	6.8	5.5	4.6	3.5	2.4	3.3	3.4	4.0	2.6	6.9	2.3	16159

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	NOV

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	66.3	3.9	4.3	3.2	2.2	1.9	3.0	2.1	3.5	1.6	8.0	2.0	1526
	03-05	64.2	3.1	5.6	3.0	2.7	1.7	3.0	2.8	4.3	1.4	8.3	2.1	1727
	06-08	49.7	7.4	5.4	5.2	3.5	2.2	2.8	3.0	4.0	4.5	12.3	2.9	2050
	09-11	44.1	8.1	5.6	4.3	2.8	2.1	3.1	4.1	5.6	5.5	14.8	3.4	2161
	12-14	41.5	7.1	6.1	4.4	3.4	3.4	2.3	5.5	6.3	5.5	14.5	3.6	2176
	15-17	39.2	8.1	5.8	4.5	3.8	3.1	4.1	5.7	5.3	5.6	14.9	3.7	2120
	18-20	49.8	7.1	5.3	4.4	3.5	2.9	3.7	4.8	4.2	3.0	11.3	2.9	1922
	21-23	62.5	4.4	4.3	3.4	3.9	1.7	3.6	2.9	3.3	1.3	8.7	2.1	1632
TOTALS		52.2	6.2	5.3	4.1	3.2	2.4	3.2	3.9	4.6	3.6	11.6	2.8	15314

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
23104	WILLIAMS AFB ARIZONA/CHANDLER	46-70	DEC

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	57.7	3.1	5.7	4.1	3.4	1.6	2.9	2.3	3.6	2.4	13.0	2.6	1576
	03-05	58.9	2.9	4.2	3.8	2.4	1.8	3.0	3.0	3.5	1.6	15.0	2.7	1750
	06-08	43.4	6.1	6.3	4.4	3.6	2.6	3.3	3.9	5.1	4.5	16.9	3.6	2079
	09-11	37.4	7.7	5.9	3.8	3.5	3.0	3.0	3.9	6.4	5.9	19.6	4.1	2220
	12-14	34.4	7.2	4.9	4.1	3.5	3.0	4.2	4.2	6.7	6.2	21.6	4.4	2231
	15-17	31.9	7.3	5.5	4.3	3.2	2.0	3.6	4.8	6.6	6.9	23.9	4.6	2155
	18-20	42.5	5.6	5.4	4.4	3.2	2.9	4.0	4.9	5.5	4.0	17.6	3.7	1879
	21-23	54.5	3.6	4.7	5.1	2.8	2.2	4.9	3.1	3.2	2.7	13.1	2.8	1674
TOTALS		45.1	5.4	5.3	4.3	3.2	2.4	3.6	3.8	5.1	4.3	17.6	3.6	15564

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

E

Continued on Reverse

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

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

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

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

74-29966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
ALL — MONTH
ALL — HOURS (L. S. T.)

PAGE 1

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
118/117																	.0	1	1		
116/115																	.0	8	8		
114/113																	.0	26	26		
112/111																	.1	128	128		
110/109																.0	.2	430	430		
108/107															.0	.0	.4	920	920		
106/105												.0		.0	.0	.1	.8	1998	1998		
104/103													.0	.0	.1	.2	1.0	2980	2980		
102/101											.0	.0	.0	.1	.2	.3	1.0	3958	3964	10455	
100/ 99											.0	.0	.1	.3	.4	.3	.9	5058	5062	15517	
98/ 97										.0	.0	.1	.3	.4	.3	.3	.9	5691	5697		
96/ 95									.0	.0	.1	.3	.4	.4	.3	.3	.9	6509	6519		
94/ 93								.0	.0	.1	.3	.4	.4	.3	.3	.3	.8	6689	6700		
92/ 91							.0	.0	.1	.2	.4	.4	.3	.3	.3	.4	.6	7077	7082		
90/ 89						.0	.0	.0	.2	.4	.4	.3	.3	.3	.4	.5	.4	7737	7745		
88/ 87						.0	.0	.2	.3	.4	.3	.3	.3	.3	.4	.4	.2	7699	7710		
86/ 85					.0	.0	.1	.3	.4	.4	.3	.3	.4	.4	.5	.3	.1	8479	8493		
84/ 83				.0	.0	.1	.3	.4	.3	.3	.3	.3	.5	.4	.4	.2	.0	8511	8524	1	
82/ 81		.0	.0	.0	.1	.3	.3	.3	.2	.3	.3	.4	.5	.5	.3	.1	.0	8884	8900	1	
80/ 79		.0	.0	.1	.2	.3	.3	.2	.2	.3	.4	.5	.6	.5	.2	.0	.0	9336	9353	50	
78/ 77	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.5	.6	.5	.3	.1	.0		8498	8521	454	4
76/ 75	.0	.0	.2	.1	.1	.1	.1	.2	.3	.4	.6	.7	.5	.2	.0	.0		8647	8662	3209	45
74/ 73	.0	.1	.1	.1	.1	.1	.1	.2	.3	.5	.7	.6	.3	.1	.0			8172	8188	8666	312
72/ 71	.0	.1	.1	.1	.1	.1	.2	.2	.4	.7	.7	.5	.2	.0	.0			8022	8041	12467	1302
70/ 69	.0	.0	.1	.0	.1	.1	.2	.4	.6	.8	.7	.3	.1	.0	.0			8235	8242	12649	2619
68/ 67	.0	.0	.0	.0	.1	.2	.3	.5	.7	.8	.5	.2	.0	.0				8169	8183	10329	3652
66/ 65	.0	.0	.0	.1	.1	.2	.4	.6	.8	.7	.3	.1	.0	.0				8093	8104	9663	5156
64/ 63	.0	.0	.1	.1	.2	.3	.5	.7	.7	.5	.2	.0	.0					7863	7876	10235	6200
62/ 61	.0	.0	.1	.1	.2	.4	.6	.7	.6	.3	.1	.0	.0					7956	7962	11052	6528
60/ 59	.0	.1	.1	.2	.3	.5	.7	.7	.5	.2	.0	.0						8207	8216	12227	6440
58/ 57	.0	.1	.2	.2	.4	.6	.7	.6	.3	.1	.0	.0						7776	7788	12608	6113
56/ 55	.0	.1	.2	.3	.5	.6	.6	.4	.2	.0	.0							7729	7735	14164	6195
54/ 53	.0	.2	.3	.4	.6	.6	.5	.3	.1	.0	.0							7345	7355	15164	6494
52/ 51	.0	.2	.4	.5	.6	.6	.4	.2	.1	.0								7040	7054	15588	6954

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
ALL — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49	.0	.3	.4	.5	.6	.6	.3	.1	.0	.0								7044	7051	15714	7726
48/ 47	.0	.3	.5	.5	.5	.4	.2	.1	.0									6446	6451	14473	8303
46/ 45	.0	.4	.5	.6	.5	.3	.1	.0	.0									5875	5881	13469	10139
44/ 43	.1	.4	.5	.4	.4	.2	.1	.0										4709	4715	11795	1638
42/ 41	.1	.3	.4	.4	.3	.2	.0	.0										3925	3935	9816	3041
40/ 39	.1	.3	.4	.3	.2	.1	.0	.0										3380	3382	8135	4772
38/ 37	.0	.3	.3	.3	.2	.0	.0											2574	2579	6427	1.340
36/ 35	.0	.2	.2	.2	.1	.0	.0											1884	1889	4859	15554
34/ 33	.0	.2	.2	.1	.0	.0												1177	1181	3507	14450
32/ 31	.0	.1	.1	.1	.0	.0												739	742	2457	14140
30/ 29	.0	.1	.1	.0	.0													498	505	1602	12468
28/ 27	.0	.0	.0	.0	.0													213	217	877	9149
26/ 25		.0	.0	.0	.0													129	129	421	9605
24/ 23	.0	.0	.0	.0														49	49	262	7382
22/ 21	.0	.0	.0	.0														31	31	123	5857
20/ 19		.0	.0	.0														8	8	58	3814
18/ 17			.0															3	3	26	3448
16/ 15																				7	2503
14/ 13																				2	1817
12/ 11																					1381
10/ 9																					886
8/ 7																					786
6/ 5																					539
4/ 3																					340
2/ 1																					192
0/ -1																					106
-2/ -3																					54
-4/ -5																					55
-6/ -7																					24
-8/ -9																					13
-10/-11																					6
-12/-13																					3
-18/-19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
ALL — MONTH
PAGE 3
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
TOTAL	.5	3.9	5.4	6.0	6.5	7.1	7.3	7.6	7.8	7.6	7.2	6.4	5.7	4.8	4.2	3.6	8.2	242555	242915	242557	242546

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.	463625260	9295616	38.3	21.038	242529							
Dry Bulb	1307752550	17259312	71.1	18.313	242[illegible]		63.1	5042.4	4159.6	3105.2	1211.0	8760
Wet Bulb	753356610	13226182	54.5	11.514	[illegible]		218.3	1682.5	434.7	.6		8760
Dew Point	439803294	9751728	40.2	14.028	2[illegible]	9.8	2730.9	278.4	12.6			8760

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH
PAGE 1
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
84/ 83													.0	.0	.0	.0		10	10		
82/ 81												.0	.0	.0	.0	.0		17	17		
80/ 79									.0		.0	.0	.0	.1	.0			28	28		
78/ 77										.0	.0	.1	.1	.0	.0			49	49		
76/ 75								.0	.0	.1	.2	.1	.1	.1				124	124		
74/ 73									.1	.1	.2	.3	.2	.0	.0			170	170		
72/ 71						.0	.0	.0	.1	.3	.5	.4	.1					284	284		
70/ 69					.0	.0	.0	.1	.4	.5	.7	.2	.0					403	403		
68/ 67				.0	.0	.0	.1	.3	.7	.7	.5	.2	.0					496	496		
66/ 65			.0	.0	.0	.1	.3	.5	.9	.7	.4	.1						613	614		
64/ 63	.0		.0	.0	.1	.2	.6	.8	.9	.7	.3	.0						739	739	3	1
62/ 61	.0	.0	.0	.1	.1	.5	1.0	1.0	.9	.4	.1							834	834	25	1
60/ 59	.0	.1	.1	.2	.4	.8	1.1	1.0	.9	.3	.1							969	970	73	10
58/ 57	.0	.1	.2	.3	.8	1.1	1.0	1.0	.5	.2	.0							1047	1047	121	54
56/ 55	.1	.1	.3	.6	1.1	1.2	1.0	.9	.4	.1	.0							1165	1165	290	64
54/ 53	.1	.3	.5	.8	1.3	1.1	1.0	.6	.3	.0								1201	1201	655	69
52/ 51	.1	.5	.9	1.2	1.2	1.1	.9	.3	.2									1249	1249	1187	126
50/ 49	.1	.6	1.1	1.5	1.4	1.3	.8	.2	.1	.0								1424	1424	1695	237
48/ 47	.1	1.1	1.4	1.7	1.4	1.0	.5	.2	.0									1467	1467	1911	351
46/ 45	.2	1.3	1.5	1.6	1.3	.7	.3	.1	.0									1410	1410	2114	562
44/ 43	.4	1.3	1.6	1.3	1.0	.6	.2	.0										1279	1279	2078	958
42/ 41	.3	1.3	1.4	1.2	.8	.4	.2	.0										1140	1140	1972	1190
40/ 39	.4	1.3	1.5	1.0	.8	.3	.1											1061	1061	1823	1470
38/ 37	.2	1.0	1.2	1.0	.5	.2	.0											826	826	1580	1521
36/ 35	.3	1.2	.9	.8	.3	.1	.0											720	720	1268	1729
34/ 33	.2	.7	.6	.4	.2	.0												419	419	1036	1611
32/ 31	.1	.6	.4	.2	.2	.0												302	302	754	1550
30/ 29	.1	.4	.2	.3	.1													229	229	564	1528
28/ 27	.0	.2	.1	.2	.0													106	106	317	1200
26/ 25		.1	.1	.1														72	72	168	1205
24/ 23	.0	.0	.1	.1														36	36	135	982
22/ 21		.0	.1	.0														27	27	82	839
20/ 19		.0	.0	.0														7	7	42	606
18/ 17			.0															3	3	25	472

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																				6	315
14/ 13																				2	273
12/ 11																					191
10/ 9																					150
8/ 7																					160
6/ 5																					155
4/ 3																					109
2/ 1																					93
0/ -1																					63
-2/ -3																					33
-4/ -5																					28
-6/ -7																					13
-8/ -9																					4
-10/-11																					3
TOTAL	2.9	12.5	14.4	14.6	13.1	10.9	8.9	7.0	6.4	4.2	2.9	1.5	.5	.2	.1	.0		19926	19928	19926	19926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	67172655	1062867	53.3	22.933	19926
Dry Bulb	52949054	1004456	50.4	10.790	19928
Wet Bulb	36421892	839354	42.1	7.312	19926
Dew Point	21818855	626375	31.4	10.336	19926

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		29.2	59.0	14.9	1.4		744
Wet Bulb		78.2					744
Dew Point	5.4	372.3					744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PAGE 1 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
94/ 93																	.0	1	1		
90/ 89															.0	.0		2	2		
88/ 87														.0		.0		4	4		
86/ 85													.0	.0	.0	.0		16	16		
84/ 83												.0	.0	.1	.1	.0	.0	49	49		
82/ 81											.0	.1	.1	.1	.1	.0	.0	87	87		
80/ 79							.0			.0	.1	.1	.3	.3	.1	.0	.0	143	143		
78/ 77										.1	.1	.3	.3	.3	.0	.1		203	203		
76/ 75									.1	.2	.2	.5	.3	.2	.0	.0		282	282		
74/ 73								.0	.2	.3	.6	.6	.5	.1	.0			392	392		
72/ 71						.0	.0	.1	.3	.5	.8	.6	.3	.1	.0			456	456		
70/ 69					.0	.0	.1	.4	.4	.8	.8	.5	.2	.0	.0			583	583		
68/ 67					.0	.1	.4	.5	.8	.9	.8	.4	.1	.0				705	705	1	
66/ 65				.0	.1	.3	.4	.7	1.0	.9	.6	.3	.1					754	755		
64/ 63				.1	.2	.5	.7	1.0	1.1	.6	.5	.1	.0					838	839		
62/ 61			.0	.1	.4	.7	.9	1.0	.9	.6	.3	.1	.0					888	890	26	1
60/ 59	.0	.0	.1	.3	.6	.9	1.0	1.2	.8	.6	.2	.0						995	996	103	1
58/ 57		.1	.3	.6	.7	.9	1.2	1.0	.6	.3	.1	.0						1049	1057	284	
56/ 55	.0	.3	.6	.7	1.0	1.2	1.1	.8	.5	.2	.0							1131	1133	678	29
54/ 53	.0	.3	.6	1.0	1.2	1.2	1.0	.6	.3	.0	.0							1115	1123	1109	79
52/ 51	.0	.5	.9	.9	1.3	1.0	.7	.4	.2	.0								1065	1074	1393	199
50/ 49	.0	.7	1.0	1.3	1.3	1.1	.6	.4	.0									1135	1139	1745	296
48/ 47	.1	1.0	1.2	1.4	1.3	.8	.5	.2	.0									1142	1147	1852	537
46/ 45	.1	1.1	1.1	1.5	.9	.6	.4	.1	.0									999	1004	1914	722
44/ 43	.1	.8	1.3	1.2	.8	.6	.3	.0										881	886	1849	883
42/ 41	.1	.9	.9	.9	.5	.5	.1	.0										689	699	1556	986
40/ 39	.1	.8	1.0	.9	.5	.3	.0	.0										622	624	1376	1103
38/ 37	.1	.6	.8	.6	.5	.1	.0											458	463	1071	1218
36/ 35	.1	.4	.5	.5	.3	.0												322	327	830	1540
34/ 33	.1	.3	.4	.4	.2	.0												236	240	625	1289
32/ 31	.0	.3	.3	.2	.1													146	149	442	1378
30/ 29	.0	.2	.2	.1	.0													106	113	322	1251
28/ 27		.1	.2	.0	.0													47	51	201	867
26/ 25		.0	.0	.0	.0													22	22	105	1020

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23		.0	.0	.0														4	4	66	852
22/ 21																				14	630
20/ 19																				4	420
18/ 17																				1	495
16/ 15																					461
14/ 13																					370
12/ 11																					318
10/ 9																					203
8/ 7																					170
6/ 5																					132
4/ 3																					74
2/ 1																					23
0/ -1																					4
-2/ -3																					5
-4/ -5																					9
-6/ -7																					1
-8/ -9																					1
TOTAL	.9	8.4	11.7	12.8	11.9	10.7	9.4	8.3	7.3	6.0	4.9	3.5	2.3	1.2	.4	.2	.1		17658		17567
																		17567		17567	

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.	48349168	831510	47.3	22.624	17567							
Dry Bulb	54838172	963026	54.5	11.455	17658		12.9	111.2	44.9	8.6	.0	672
Wet Bulb	35366974	778078	44.3	7.175	17567		44.2	.0				672
Dew Point	19569843	556167	31.7	10.568	17567	.8	332.2					672

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH
ALL — HOURS (L. S. T.)

PAGE 1

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
94/ 93																	.0	2	2		
92/ 91																	.1	1	11		
90/ 89													.0		.0	.1	.1	40	40		
88/ 87												.0	.0	.0	.1	.2	.1	83	83		
86/ 85													.0	.1	.2	.3	.1	152	152		
84/ 83											.0	.0	.1	.3	.4	.3	.0	219	219		
82/ 81											.0	.1	.3	.6	.5	.2	.0	369	369		
80/ 79								.0	.0	.0	.1	.3	.6	.9	.4	.1		499	499		
78/ 77							.0	.0	.0	.1	.3	.7	.9	.7	.2			577	577		
76/ 75									.1	.2	.6	1.0	.9	.5	.1			689	689		
74/ 73						.0		.0	.2	.5	.8	1.2	.7	.3	.0			763	763		
72/ 71					.0		.0	.2	.4	.8	1.1	.9	.5	.1	.0			816	816		
70/ 69						.0	.1	.4	.8	1.2	1.1	.7	.2	.0				921	921		
68/ 67					.0	.1	.4	.5	1.2	1.1	1.0	.5	.1	.0				964	964	1	
66/ 65	.0			.0	.0	.2	.5	.8	1.3	1.0	.7	.3	.0					982	984	5	
64/ 63			.0	.0	.2	.5	.8	1.2	1.2	.8	.4	.1	.0					1035	1035	14	
62/ 61			.0	.2	.4	.7	1.0	1.1	1.1	.8	.3	.0						1125	1125	42	
60/ 59	.0	.1	.0	.2	.5	1.0	1.3	1.3	.9	.4	.1							1192	1192	246	5
58/ 57	.0	.1	.2	.4	.8	1.2	1.2	1.3	.6	.3	.0							1227	1227	662	22
56/ 55		.2	.4	.6	1.1	1.2	1.4	.8	.5	.1								1284	1287	1283	27
54/ 53	.0	.2	.4	1.0	1.2	1.2	1.1	.7	.3	.0								1237	1237	1947	66
52/ 51	.0	.2	.7	1.1	1.1	1.1	.9	.4	.1									1158	1159	2170	159
50/ 49	.0	.3	1.1	1.2	1.2	1.1	.6	.3	.0									1151	1151	2299	301
48/ 47	.0	.6	1.1	1.0	1.0	.8	.3	.1	.0									1007	1007	2268	386
46/ 45	.0	.8	.9	1.1	.8	.6	.2	.1										888	888	2301	702
44/ 43	.1	.6	.6	.6	.5	.3	.1	.0										551	551	1983	992
42/ 41	.1	.4	.6	.4	.4	.2	.0											404	404	1630	1241
40/ 39	.0	.3	.4	.4	.2	.1												276	276	1196	1536
38/ 37	.0	.4	.2	.3	.1	.0												204	204	819	1516
36/ 35	.0	.1	.2	.1	.1	.0												104	104	532	1714
34/ 33	.0	.1	.1	.1	.0													68	68	293	1591
32/ 31	.0	.0	.1	.0	.0													26	26	193	1582
30/ 29		.0	.0	.0	.0													6	6	88	1458
28/ 27		.0		.0														5	5	47	1157

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25		.0		.0														6	6	12	1213
24/ 23		.0	.0															2	2	7	983
22/ 21																				5	866
20/ 19																				2	560
18/ 17																					548
16/ 15																					413
14/ 13																					269
12/ 11																					220
10/ 9																					160
8/ 7																					153
6/ 5																					70
4/ 3																					58
2/ 1																					26
0/ -1																					16
-2/ -3																					10
-4/ -5																					11
-6/ -7																					6
-8/ -9																					2
-10/-11																					1
-12/-13																					2
TOTAL	.4	4.5	6.9	8.8	9.8	10.2	10.1	9.3	8.7	7.6	6.4	5.7	4.5	3.5	2.0	1.0	.5	20043	20049	20043	20042

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	41657294	805984	40.2	21.463	20031
Dry Bulb	75021769	1203667	60.0	11.729	20049
Wet Bulb	45015193	941353	47.0	6.330	20043
Dew Point	22367704	639848	31.9	9.840	20042

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		1.7	226.6	126.3	42.3	.1	744
Wet Bulb		13.1	.0				744
Dew Point	1.8	363.2					744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH
PAGE 1
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
102/101																	.0	1	1		
100/ 99																	.0	8	8		
98/ 97														.0	.0	.0	.2	51	51		
96/ 95												.0	.0	.0	.0	.0	.6	131	131		
94/ 93													.0	.1	.0	.1	.8	199	200		
92/ 91													.0	.0	.1	.4	1.0	318	318		
90/ 89											.0	.0	.0	.1	.2	.7	.9	427	427		
88/ 87											.0	.0	.1	.3	.6	1.1	.6	533	533		
86/ 85										.0	.0	.0	.2	.6	.9	1.0	.4	651	651		
84/ 83									.0	.0	.1	.2	.6	1.0	1.1	.8	.3	828	828		
82/ 81								.0	.0	.0	.1	.5	.8	1.1	1.1	.3	.1	838	838		
80/ 79								.0	.0	.1	.3	.8	1.3	1.4	.7	.2	.0	963	964		
78/ 77								.0	.1	.3	.7	1.1	1.2	1.0	.2	.1		958	958		
76/ 75							.0	.1	.2	.5	1.1	1.3	1.3	.5	.1			1031	1031		
74/ 73						.0	.0	.1	.4	.9	1.3	1.2	.9	.2	.1			1031	1031	2	
72/ 71					.0	.0	.1	.3	.7	1.1	1.4	1.2	.4	.1				1055	1055	6	
70/ 69					.0	.1	.2	.4	1.1	1.3	1.4	.8	.2	.0				1127	1127	21	
68/ 67				.0	.1	.2	.3	.8	1.1	1.4	1.2	.5	.1					1138	1138	48	
66/ 65			.0	.1	.1	.2	.5	1.1	1.5	1.4	.6	.1	.0					1108	1108	74	
64/ 63			.0	.1	.1	.4	.7	1.3	1.4	1.1	.4	.1						1127	1127	194	2
62/ 61		.0	.1	.1	.3	.6	1.1	1.4	1.4	.6	.1	.0						1132	1133	625	3
60/ 59		.0	.1	.2	.3	.9	1.2	1.4	.9	.3	.1							1119	1119	1291	15
58/ 57		.0	.2	.3	.5	.8	1.2	1.2	.6	.0	.0							975	975	1737	35
56/ 55		.1	.2	.4	.6	.9	1.0	.7	.3	.0								847	847	2274	82
54/ 53		.1	.3	.3	.6	.8	.8	.4	.1	.0								669	669	2442	140
52/ 51	.0	.2	.3	.3	.5	.7	.6	.3	.0									606	606	2461	241
50/ 49	.0	.1	.4	.3	.5	.6	.4	.1	.0									485	485	2335	295
48/ 47	.0	.1	.3	.2	.3	.4	.2	.0										317	317	2024	433
46/ 45		.1	.2	.2	.2	.3	.1	.0										225	225	1718	630
44/ 43	.0	.1	.1	.1	.2	.1	.0	.0										120	120	1118	904
42/ 41	.0	.1	.1	.1	.1	.0	.0											75	75	756	1154
40/ 39	.0	.0	.0	.0	.1	.0												37	37	488	1458
38/ 37	.0		.0	.0	.0	.0												10	10	291	1431
36/ 35			.0	.0	.0													7	7	135	1635

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33																				69	1644
32/ 31																				28	1847
30/ 29																				6	1554
28/ 27																				4	1276
26/ 25																					1509
24/ 23																					1201
22/ 21																					970
20/ 19																					601
18/ 17																					440
16/ 15																					261
14/ 13																					178
12/ 11																					95
10/ 9																					48
8/ 7																					37
6/ 5																					13
4/ 3																					8
2/ 1																					2
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
-12/-13																					1
TOTAL	.1	1.1	2.2	2.6	4.5	7.0	8.5	9.5	9.9	9.3	8.8	8.0	7.1	6.5	5.3	4.6	5.0		20150		20146
																		20147		20147	

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.	24000107	606165	30.1	16.912	20146							
Dry Bulb	98865498	1389894	69.0	12.190	20150			403.4	284.8	160.5	14.0	720
Wet Bulb	53388481	1029675	51.1	6.157	20147		1.4	2.8	.1			720
Dew Point	23100016	657610	32.6	9.007	20146	.1	359.0					720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1

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
110/109																	.0	7	7		
108/107																	.1	18	18		
106/105																	.2	48	48		
104/103																	.4	84	84		
102/101																	.7	152	152		
100/ 99															.0	.0	1.4	294	294		
98/ 97														.0	.0	.1	2.4	532	532		
96/ 95														.0	.1	.2	3.2	739	739		
94/ 93													.0	.1	.2	.6	3.5	945	945		
92/ 91											.0	.0	.1	.2	.5	1.1	3.0	996	996		
90/ 89											.0	.0	.1	.4	1.0	1.6	2.2	1139	1139		
88/ 87											.0	.1	.3	.7	1.4	1.6	.9	1052	1053		
86/ 85									.0	.0	.1	.2	.6	1.1	1.7	1.0	.3	1074	1075		
84/ 83									.0	.0	.1	.4	1.0	1.3	1.3	.6	.2	1062	1062		
82/ 81		.0						.0	.0	.1	.3	.8	1.5	.5	.8	.2	.1	1125	1126		
80/ 79								.0	.1	.2	.6	1.1	1.6	1.2	.5	.1	.0	1160	1161	1	
78/ 77	.0					.0	.0	.0	.2	.3	1.0	1.3	1.4	.8	.2	.0		1100	1106	1	2
76/ 75			.0			.0	.0	.1	.2	.7	1.3	1.5	1.1	.3	.1			1121	1124		
74/ 73					.0	.0	.1	.2	.4	1.0	1.4	1.3	.6	.1	.0			1067	1072	2	
72/ 71			.0		.0	.0	.1	.3	.7	1.4	1.6	1.0	.2	.0				1127	1134	5	1
70/ 69			.0	.0	.0	.1	.1	.3	1.0	1.6	1.3	.6	.1	.0				1093	1096	71	
68/ 67		.0	.0	.0	.0	.1	.2	.7	1.2	1.5	.9	.2	.0					1049	1057	191	
66/ 65		.0	.0	.0	.1	.1	.4	.8	1.5	1.1	.5	.1						1002	1006	518	1
64/ 63		.0	.0	.0	.1	.1	.5	1.0	1.0	.7	.2	.0						776	783	1292	11
62/ 61		.0	.1	.0	.1	.2	.6	.8	.7	.5	.1	.0						663	665	2159	12
60/ 59		.0	.1	.1	.2	.3	.5	.7	.6	.3	.0							543	548	2654	25
58/ 57		.0	.0	.1	.1	.3	.3	.4	.4	.1	.0							373	376	2714	44
56/ 55		.0	.1	.1	.1	.2	.3	.3	.2	.0								272	273	2568	114
54/ 53		.0	.1	.1	.1	.1	.2	.2	.0									170	171	2377	157
52/ 51	.0	.1	.0	.1	.1	.0	.1	.1	.0									122	126	2104	250
50/ 49		.0	.0	.1	.1	.1	.1	.0	.0									70	72	1680	422
48/ 47		.0	.0	.0	.0	.1	.1	.0										46	46	1115	525
46/ 45		.0	.0	.0		.0	.0											15	15	695	755
44/ 43		.0			.0	.0	.0											11	11	434	964

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITION S OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41					.0	.0												3	3	238	1308
40/ 39						.0												2	2	124	1652
38/ 37					.0													2	2	56	1858
36/ 35																				31	2070
34/ 33																				10	2198
32/ 31																				2	2005
30/ 29																				2	1625
28/ 27																					1208
26/ 25																					1151
24/ 23																					851
22/ 21																					621
20/ 19																					354
18/ 17																					305
16/ 15																					214
14/ 13																					142
12/ 11																					93
10/ 9																					42
8/ 7																					37
6/ 5																					25
4/ 3																					7
2/ 1																					1
0/ -1																					3
TOTAL	.0	.3		.6	1.0	1.8	3.7	5.9	8.2	9.5	9.7	8.9	8.7	7.7	7.7	7.2	18.5	21054	21119	21054	21053

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.	14303174	483366	23.0	12.339	21053							
Dry Bulb	131868086	1648994	78.1	12.141	21119			599.6	483.8	348.6	99.3	744
Wet Bulb	65216933	1165209	55.3	5.888	21054		.1	9.6	.1			744
Dew Point	26081215	718219	34.1	8.661	21053	.1	306.9	.1	.1			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PAGE 1 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
118/117																	.0	1	1		
116/115																	.0	4	4		
114/113																	.0	10	10		
112/111																	.3	58	58		
110/109																	.9	190	190		
108/107															.0		1.4	291	291		
106/105																.0	2.4	501	501		
104/103													.0	.0	.0	.1	3.5	734	734		
102/101												.0	.0	.0	.0	.2	4.2	932	932		
100/ 99													.0	.1	.1	.6	4.2	1026	1026		
98/ 97											.0	.0	.0	.2	.3	.8	4.1	1133	1133		
96/ 95											.0	.0	.2	.3	.6	.9	3.8	1202	1202		
94/ 93										.0	.0	.2	.3	.4	.7	1.2	2.8	1135	1135		
92/ 91									.0	.0	.1	.2	.3	.7	1.0	1.4	1.6	1133	1133		
90/ 89								.0	.0	.1	.2	.3	.5	.8	1.3	1.6	.8	1167	1167		
88/ 87								.0	.1	.2	.3	.4	.7	1.1	1.4	.9	.3	1082	1082		
86/ 85							.0	.0	.2	.3	.4	.6	1.1	1.4	1.2	.4	.1	1195	1195		
84/ 83						.0	.0	.1	.2	.3	.5	.8	1.3	1.0	.8	.1	.0	1067	1067		
82/ 81					.0	.0	.1	.1	.2	.4	.6	1.1	1.4	.9	.4	.0	.0	1102	1102		
80/ 79					.0	.1	.1	.1	.2	.5	.9	1.3	1.3	.7	.1	.0		1098	1098	4	
78/ 77		.0	.0	.0	.1	.1	.1	.1	.2	.5	1.0	1.4	.9	.2	.0			963	963	10	
76/ 75			.1	.0	.0	.0	.0	.2	.3	.7	1.3	1.3	.5	.1	.0			933	933	42	1
74/ 73		.0	.0	.0	.1	.0	.1	.1	.4	.8	1.3	1.0	.3	.0				851	851	171	
72/ 71		.0	.0	.0	.0	.0	.1	.2	.4	1.0	1.1	.5	.1	.0				740	740	530	14
70/ 69			.0	.1	.0	.0	.1	.2	.6	1.0	.8	.3	.0					635	635	1170	36
68/ 67		.0	.0	.0	.0	.0	.1	.2	.7	.8	.4	.1	.0					478	478	1683	64
66/ 65		.0	.0	.0	.0	.0	.1	.3	.5	.6	.2	.0						364	364	2175	93
64/ 63		.0	.0	.0	.0	.0	.0	.2	.4	.3	.1							226	226	2582	150
62/ 61		.0	.0	.0	.0	.0	.1	.2	.3	.1	.0							142	142	2642	216
60/ 59	.0			.0	.0	.0	.1	.1	.1	.0								79	79	2468	250
58/ 57				.0		.0	.0	.1	.1	.0								38	38	1993	331
56/ 55					.0	.0	.0	.0	.0									10	10	1659	473
54/ 53					.0		.0	.0	.0									6	6	1259	609
52/ 51																				952	798

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49																				597	959
48/ 47																				354	989
46/ 45																				156	1254
44/ 43																				63	1514
42/ 41																				11	1681
40/ 39																				4	1896
38/ 37																				1	1730
36/ 35																					1630
34/ 33																					1508
32/ 31																					1281
30/ 29																					1004
28/ 27																					553
26/ 25																					574
24/ 23																					368
22/ 21																					210
20/ 19																					103
18/ 17																					99
16/ 15																					49
14/ 13																					26
12/ 11																					21
10/ 9																					10
8/ 7																					16
6/ 5																					6
2/ 1																					2
TOTAL	.0	.1	.3	.3	.4	.5	1.0	2.3	4.9	7.5	9.2	9.6	8.9	7.9	8.2	5.3	30.8	20526	20526	20526	20526

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	To
Rel. Hum.	12093014	445052	21.7	10.910	20526							
Dry Bulb	157224997	1780377	86.7	11.678	20526			689.7	624.7	511.4	253.2	720
Wet Bulb	76344598	1245628	60.7	6.058	20526			126.6	8.0	.1		720
Dew Point	35100793	824879	40.2	9.750	20526		151.6	4.0	.0			720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH
PAGE 1
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
116/115																	.0	4	4		
114/113																	.1	11	11		
112/111																	.2	50	50		
110/109																.0	.8	172	172		
108/107															.0	.0	2.0	421	421		
106/105												.0		.0	.1	.4	3.5	843	843		
104/103													.0	.1	.4	1.1	3.5	1063	1063		
102/101											.0	.0	.1	.4	1.3	1.6	2.7	1294	1300		
100/ 99											.0	.1	.5	1.6	1.8	1.3	1.8	1483	1485		
98/ 97										.0	.0	.4	1.3	.7	1.5	.9	1.1	1445	1447		
96/ 95										.0	.3	1.3	1.9	1.5	1.0	.5	.6	1503	1504		
94/ 93								.0	.0	.2	1.1	1.6	1.4	1.0	.5	.3	.3	1384	1386		
92/ 91							.0	.0	.2	.9	1.7	1.7	1.0	.7	.3	.2	.1	1433	1433		
90/ 89							.0	.1	.7	1.7	1.8	1.0	.7	.5	.3	.1	.0	1431	1433		
88/ 87						.0	.1	.5	1.4	1.7	1.2	.8	.5	.3	.2	.1	.0	1417	1418		
86/ 85						.1	.6	1.3	1.6	1.4	.8	.7	.5	.3	.1	.0		1575	1578		
84/ 83					.1	.6	.9	1.5	1.2	.7	.6	.4	.4	.1	.0			1364	1365	1	
82/ 81				.0	.4	1.0	1.2	1.3	.6	.6	.4	.3	.3	.1	.0			1309	1311	1	
80/ 79			.1	.5	.9	.9	.8	.5	.4	.3	.3	.3	.2	.0				1085	1086	23	
78/ 77		.0	.4	.9	.7	.4	.2	.2	.2	.2	.2	.1	.1	.0				734	734	149	1
76/ 75	.0	.1	.5	.5	.3	.1	.1	.1	.2	.2	.3	.1	.0					519	520	1182	10
74/ 73		.2	.3	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0				229	229	3510	90
72/ 71	.0	.2	.1	.0		.0	.0	.0	.1	.1	.1	.0						130	130	4808	397
70/ 69	.0	.0	.0		.0		.0	.0	.0	.1	.0							47	47	4309	871
68/ 67					.0	.0	.0	.0	.0	.0								13	13	2672	1119
66/ 65									.0	.0								3	3	1589	1592
64/ 63									.0									1	1	1044	2215
62/ 61																				665	2316
60/ 59																				412	2220
58/ 57																				265	1869
56/ 55																				177	1548
54/ 53																				90	1307
52/ 51																				49	1082
50/ 49																				17	860

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47																				1	713
46/ 45																					628
44/ 43																					523
42/ 41																					431
40/ 39																					411
38/ 37																					278
36/ 35																					192
34/ 33																					131
32/ 31																					80
30/ 29																					39
28/ 27																					13
26/ 25																					19
24/ 23																					6
22/ 21																					3
20/ 19																					1
TOTAL	.0	.5	1.3	2.0	2.4	3.1	3.9	5.6	6.7	8.3	9.1	8.9	8.9	8.3	7.5	6.7	16.8		20987		20965
																		20963		20964	

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	32080705	742195	35.4	16.637	20962							
Dry Bulb	176812985	1917023	91.3	9.015	20987			743.9	737.1	668.8	343.4	744
Wet Bulb	101221220	1453818	69.3	4.376	20964			591.1	172.7	.4		744
Dew Point	70187805	1199165	57.2	8.729	20965		5.7	88.3	3.6			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH
PAGE 1
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
114/113																	.0	3	3		
112/111																	.0	8	8		
110/109																	.2	37	37		
108/107																.0	.6	121	121		
106/105															.0	.2	1.7	408	408		
104/103														.1	.4	.8	2.1	713	713		
102/101												.0	.1	.7	1.2	1.1	1.7	1005	1005		
100/ 99												.1	.8	1.7	1.4	1.0	1.3	1346	1347		
98/ 97										.0	.1	.8	1.7	1.6	1.1	.6	.8	1459	1463		
96/ 95									.0	.1	.8	1.7	1.8	1.2	.7	.3	.4	1505	1508		
94/ 93								.0	.1	.6	1.6	1.9	1.4	.7	.4	.2	.2	1515	1518		
92/ 91								.1	.4	1.2	1.8	1.3	.8	.5	.3	.1	.1	1426	1427		
90/ 89						.0	.0	.3	1.4	1.8	1.7	.9	.5	.3	.2	.1	.0	1538	1542		
88/ 87						.0	.3	1.0	1.8	1.5	.9	.6	.3	.2	.1	.0	.0	1456	1461		
86/ 85					.0	.3	.9	1.6	1.8	1.1	.6	.5	.3	.1	.0	.0		1524	1529		
84/ 83				.0	.2	.9	1.6	1.8	1.1	.7	.5	.3	.1	.1	.0			1547	1555		
82/ 81			.0	.1	.7	1.5	1.7	1.3	.8	.5	.3	.2	.1	.0	.0			1528	1535		
80/ 79		.0	.1	.7	1.4	1.5	1.1	.8	.5	.4	.3	.1	.1	.0	.0			1509	1515	22	
78/ 77		.1	.5	1.1	.9	.7	.5	.4	.3	.3	.2	.1	.0					1060	1069	276	1
76/ 75	.0	.3	1.0	.7	.3	.3	.3	.3	.3	.2	.1	.0	.0					825	826	1791	29
74/ 73	.0	.5	.5	.3	.1	.1	.1	.2	.1	.1	.0							455	457	4092	201
72/ 71	.1	.3	.2	.1	.1	.0	.1	.1	.1	.1	.0							243	247	5122	792
70/ 69	.0	.1	.1	.0	.0		.0	.1	.1	.1	.0	.0						103	103	4099	1415
68/ 67	.0	.0	.0			.0	.0	.0	.1									44	44	2287	1890
66/ 65	.0					.0	.0	.0	.0									19	19	1367	2458
64/ 63						.0	.0	.0		.0								6	6	1002	2579
62/ 61							.0											1	1	562	2497
60/ 59						.0												2	2	373	1995
58/ 57																				202	1648
56/ 55																				121	1280
54/ 53																				59	1047
52/ 51																				24	657
50/ 49																				5	695
48/ 47																				2	526

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45																					427
44/ 43																					319
42/ 41																					262
40/ 39																					190
38/ 37																					136
36/ 35																					77
34/ 33																					42
32/ 31																					16
30/ 29																					13
28/ 27																					4
26/ 25																					2
22/ 21																					1
TOTAL	.2	1.2	2.5	3.0	3.7	5.3	6.6	8.0	8.8	8.9	9.0	8.3	7.9	7.0	5.9	4.5	9.1	21406	21469	21406	21399

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.	438[illegible]5651	890085	41.6	17.828	21398							
Dry Bulb	171736057	1911017	89.[illegible]	8.849	21469			743.0	729.4	625.7	281.8	744
Wet Bulb	105200531	1497929	70.0	4.213	21406			614.8	214.8	.1		744
Dew Point	78379695	1284191	60.0	7.834	21399		1.3	150.5	8.0			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH
PAGE 1
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
114/113																	.0	2	2		
112/111																	.1	12	12		
110/109																	.1	24	24		
108/107																.0	.3	69	69		
106/105																.0	.9	198	198		
104/103														.0	.0	.2	1.7	384	384		
102/101														.1	.3	.5	1.9	563	563		
100/ 99												.0	.1	.4	.8	.9	2.0	831	831		
98/ 97											.0	.1	.4	.7	1.0	.9	1.6	941	941		
96/ 95										.0	.0	.4	.8	1.0	1.0	1.0	1.2	1126	1128		
94/ 93										.1	.2	.7	.9	1.0	.9	.7	.7	1054	1054		
92/ 91									.0	.3	.7	.9	1.0	1.0	.8	.6	.4	1144	1144		
90/ 89								.0	.2	.7	.9	1.1	1.2	1.0	.6	.4	.2	1277	1277		
88/ 87							.0	.2	.5	.8	1.0	1.1	.9	.6	.4	.2	.1	1208	1208		
86/ 85						.0	.2	.5	.7	1.1	1.0	1.0	.8	.5	.2	.1	.0	1275	1275		
84/ 83					.0	.1	.4	.6	.9	1.1	1.0	.8	.6	.3	.2	.1	.0	1233	1234		
82/ 81			.0	.0	.1	.3	.7	.8	.9	1.0	1.1	.7	.5	.2	.1	.0		1251	1252		
80/ 79		.0	.0	.1	.3	.7	.8	.8	1.0	1.0	.9	.6	.3	.1	.0			1331	1333		
78/ 77			.1	.3	.5	.6	.8	.8	.8	1.0	.6	.4	.2	.0	.0			1238	1242	18	
76/ 75	.0	.0	.2	.4	.7	.6	.7	.8	.9	.8	.4	.2	.1	.0	.0			1187	1191	192	4
74/ 73	.0	.1	.4	.5	.4	.6	.6	.8	.7	.7	.3	.1	.0	.0				1071	1073	866	21
72/ 71	.0	.2	.4	.3	.4	.4	.7	.6	.6	.5	.2	.0						877	878	1902	97
70/ 69	.1	.2	.4	.2	.2	.3	.5	.6	.6	.3	.1	.0						721	721	2690	277
68/ 67	.0	.1	.2	.1	.2	.3	.3	.5	.5	.2	.0							514	514	2860	499
66/ 65	.1	.0	.1	.1	.1	.2	.3	.3	.2	.1	.0							328	328	2739	882
64/ 63		.1	.1	.0	.1	.1	.2	.2	.1	.0	.0							188	188	2392	1064
62/ 61	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0								125	125	1912	1200
60/ 59	.0	.0	.0	.0	.0	.1	.1	.1	.1									81	82	1563	1467
58/ 57	.0	.0	.0	.0	.0	.0	.0	.0	.0									34	34	1091	1464
56/ 55		.0	.0	.0	.0	.0	.0	.0										15	15	820	1581
54/ 53		.0	.0	.0	.0		.0											14	14	579	1596
52/ 51		.0		.0	.0	.0	.0											10	10	339	1512
50/ 49				.0	.0	.0												3	3	167	1432
48/ 47																				103	1256

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> F	Total
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45																				66	1241
44/ 43																				18	1056
42/ 41																				11	943
40/ 39																				1	754
38/ 37																					574
36/ 35																					416
34/ 33																					304
32/ 31																					239
30/ 29																					168
28/ 27																					106
26/ 25																					84
24/ 23																					46
22/ 21																					24
20/ 19																					8
18/ 17																					8
16/ 15																					4
14/ 13																					1
12/ 11																					1
TOTAL	.3	.8	1.9	2.1	3.1	4.4	6.5	8.0	8.8	9.6	8.6	8.1	7.8	6.9	6.4	5.6	11.2	20329	20347	20329	20329

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.	32919449	737349	36.3	17.429	20329							
Dry Bulb	147359583	1718062	84.4	10.608	20347			691.7	617.0	471.6	184.2	720
Wet Bulb	85346876	1311834	64.5	5.843	20329			302.0	38.1			720
Dew Point	56307973	1051417	51.7	9.740	20329		24.4	31.8	.9			720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
104/103																	.0	2	2		
102/101																	.1	11	11		
100/ 99														.0	.0	.0	.3	70	71		
98/ 97													.0	.0	.0	.1	.4	130	130		
96/ 95												.0	.0	.1	.2	.3	.8	303	307		
94/ 93												.0	.1	.2	.4	.5	.9	454	459		
92/ 91											.0	.1	.3	.5	.7	.7	.6	610	614		
90/ 89									.0	.0	.1	.3	.5	.6	.7	.7	.5	691	693		
88/ 87								.0	.0	.1	.2	.5	.7	.9	.9	.6	.1	812	816		
86/ 85							.0	.0	.1	.2	.4	.7	.9	.9	.7	.3	.0	902	907		
84/ 83						.0	.1	.1	.1	.4	.7	.9	1.0	.8	.5	.1	.0	914	917		
82/ 81						.0	.0	.1	.3	.6	.8	1.0	.9	.5	.2	.0	.0	941	946		
80/ 79					.1	.1	.1	.3	.4	.8	1.2	1.0	.7	.3	.1			1043	1049		
78/ 77				.0	.1	.1	.2	.4	.7	.9	1.1	.7	.5	.2	.0			1018	1021		
76/ 75		.0	.0	.1	.1	.2	.4	.8	1.0	1.1	1.0	.5	.3	.1				1177	1183	2	1
74/ 73		.0	.1	.1	.2	.3	.5	.8	1.0	1.2	.8	.5	.2	.0	.0			1186	1191	23	
72/ 71		.0	.1	.2	.2	.4	.7	.8	1.1	1.0	.6	.3	.1	.0				1174	1178	94	1
70/ 69		.1	.2	.2	.3	.6	.9	1.3	1.3	.9	.5	.1	.0	.0				1330	1332	289	20
68/ 67	.0	.2	.2	.3	.5	.8	1.0	1.2	1.1	.7	.2	.1	.0					1308	1311	586	80
66/ 65	.0	.1	.3	.4	.6	.6	1.0	1.2	1.0	.4	.1	.0	.0	.0				1180	1181	1193	130
64/ 63	.0	.2	.3	.4	.6	.8	.9	1.0	.7	.2	.1	.0						1090	1090	1672	178
62/ 61	.0	.2	.3	.5	.6	.8	1.0	1.0	.5	.1	.0							1038	1038	2166	281
60/ 59	.0	.3	.4	.5	.7	.9	.8	.7	.3	.0								951	951	2498	422
58/ 57	.0	.3	.3	.3	.5	.6	.6	.5	.1	.0	.0							671	671	2483	573
56/ 55	.0	.3	.3	.3	.4	.5	.5	.2	.1	.0								534	534	2244	786
54/ 53	.0	.2	.2	.3	.3	.5	.3	.0	.0									381	381	1856	1077
52/ 51	.0	.1	.2	.3	.3	.3	.2	.0	.0									304	304	1625	1174
50/ 49	.0	.1	.2	.2	.2	.1	.1	.0										197	197	1327	1353
48/ 47	.0	.1	.1	.1	.2	.1	.1	.0										142	142	925	1448
46/ 45	.0	.0	.1	.1	.1	.0	.0											89	89	689	1614
44/ 43		.1	.1	.1	.1	.0	.0											68	68	484	1666
42/ 41		.0	.0	.0	.0	.0												21	21	271	1599
40/ 39	.0	.0	.0	.0		.0												15	15	172	1539
38/ 37		.0	.0	.0		.0												10	10	83	1301

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35	.0																	1	1	41	1279
34/ 33				.0														1	1	16	1061
32/ 31																				6	876
30/ 29																				3	763
28/ 27																				1	481
26/ 25																					394
24/ 23																					252
22/ 21																					147
20/ 19																					96
18/ 17																					66
16/ 15																					42
14/ 13																					32
12/ 11																					14
10/ 9																					15
8/ 7																					1
6/ 5																					5
4/ 3																					1
TOTAL	.2	2.3	3.5	4.3	6.0	7.9	9.5	10.4	9.7	8.7	7.8	6.6	6.3	5.3	4.4	3.4	3.7		20832		20768
																		20769		20769	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38325699	800335	38.5	18.983	20768							
Dry Bulb	113258584	1515830	72.8	11.920	20832			504.9	368.5	230.9	35.0	744
Wet Bulb	67048347	1171735	56.4	6.735	20769		.4	35.6	.9			744
Dew Point	40140441	889513	42.8	9.916	20768		114.1	3.7	.0			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH
ALL — HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91															.0	.0	.0	6	6		
90/ 89														.0	.0	.1	.0	25	25		
88/ 87													.0	.0	.1	.1	.0	52	52		
86/ 85											.0	.0	.1	.1	.2	.2	.0	115	115		
84/ 83										.0	.0	.1	.2	.3	.4	.1	.0	215	215		
82/ 81											.1	.2	.4	.6	.3	.0	.0	305	305		
80/ 79									.0	.0	.2	.4	.7	.7	.2	.0		433	433		
78/ 77								.0	.1	.2	.4	.8	.7	.3	.0	.0		517	518		
76/ 75							.0	.1	.2	.4	.8	.8	.6	.2	.0			594	594		
74/ 73						.0	.0	.1	.4	.7	.8	.9	.4	.1	.0			699	701		
72/ 71					.0	.1	.2	.3	.6	.9	.9	.7	.2	.0				794	797		
70/ 69					.1	.1	.3	.5	.9	.9	.9	.4	.1	.0				821	823		
68/ 67			.0	.0	.1	.2	.5	.8	1.0	1.0	.6	.2	.0					881	884		
66/ 65			.1	.2	.2	.4	.8	1.1	1.1	.9	.4	.2						1025	1027	3	
64/ 63		.0	.1	.2	.3	.6	.8	1.2	.9	.5	.3	.0						1002	1007	40	
62/ 61		.1	.2	.3	.6	.8	1.1	1.2	.9	.4	.1	.0						1119	1120	188	1
60/ 59		.1	.2	.4	.8	1.1	1.1	1.3	.8	.3	.0							1220	1221	509	28
58/ 57		.2	.4	.6	.8	1.3	1.3	1.1	.6	.2	.0							1277	1278	918	67
56/ 55	.0	.3	.5	.7	1.1	1.4	1.3	.8	.4	.0								1292	1292	1614	155
54/ 53	.1	.4	.5	1.0	1.3	1.3	1.1	.5	.2	.0								1299	1300	1838	236
52/ 51	.1	.6	.7	1.0	1.2	1.2	1.0	.4	.1									1229	1229	1927	326
50/ 49	.1	.5	.9	1.0	1.4	1.1	[illegible]	.3	.0									1162	1163	2099	527
48/ 47	.0	.5	1.0	1.0	1.0	.7	.5	.1										972	972	2030	684
46/ 45	.1	.6	.9	.9	.8	.7	.3	.0										856	856	1963	936
44/ 43	.1	.5	.7	.5	.6	.5	.1											590	590	1777	1059
42/ 41	.1	.5	.6	.3	[illegible]	.4	.0											470	470	1489	1360
40/ 39	.1	.5	.4	.3	.4	.2	.0											383	383	1138	1546
38/ 37	.0	.5	.3	.2	.2	.1												256	256	859	1566
36/ 35	.0	.3	.2	.2	.1	.0												158	158	619	1696
34/ 33		.2	.1	.1	.0													76	76	407	1469
32/ 31	.0	.1	.0	.0	.0													24	24	275	1528
30/ 29		.0	.0	.0														6	6	118	1330
28/ 27				.0														2	2	48	989
26/ 25			.0															2	2	12	1018

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23	.0																	1	1	5	795
22/ 21	.0																	1	1	3	657
20/ 19																					425
18/ 17																					447
16/ 15																					315
14/ 13																					195
12/ 11																					183
10/ 9																					95
8/ 7																					79
6/ 5																					74
4/ 3																					41
2/ 1																					25
0/ -1																					12
-2/ -3																					4
-4/ -5																					2
-6/ -7																					2
-8/ -9																					5
-10/-11																					2
-18/-19																					1
TOTAL	.7	5.7	7.9	8.7	11.4	12.2	11.0	10.0	8.2	6.4	5.7	4.7	3.4	2.2	1.2	.5	.1		19902		19880
																		19879		19879	

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.	47614376	874986	44.0	21.398	19879							
Dry Bulb	72379938	1177762	59.2	11.609	19902		1.3	197.8	107.2	34.1		720
Wet Bulb	45450270	940292	47.3	6.999	19879		16.7					720
Dew Point	25157716	677860	34.1	10.141	19880	1.0	297.9					720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PAGE 1 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
84/ 83														.0	.0				3	3		
82/ 81													.0	.0	.0		.0		12	12		
80/ 79										.0	.0	.0	.1	.1	.0				44	44		
78/ 77										.0	.1	.1	.2	.0	.0				81	81		
76/ 75									.0	.0	.2	.3	.2	.1	.0				165	165		
74/ 73								.0	.1	.2	.4	.4	.2	.1					258	258		
72/ 71						.0	.0	.1	.1	.3	.5	.5	.1	.0					326	326		
70/ 69						.0	.0	.2	.3	.6	.6	.4	.1	.0					451	451		
68/ 67				.0	.0	.1	.2	.4	.6	.8	.6	.2	.0						579	579		
66/ 65				.0	.1	.2	.4	.6	.9	.8	.5	.2	.0						715	715		
64/ 63				.1	.2	.4	.5	.9	1.0	.7	.3	.1							835	835		
62/ 61		.0	.1	.1	.3	.6	.7	1.0	1.1	.4	.1	.0							889	889	10	
60/ 59		.0	.1	.3	.6	.8	1.1	1.2	.8	.3	.0								1056	1056	37	2
58/ 57		.2	.2	.5	.8	.9	1.1	1.0	.6	.2	.0								1085	1085	138	6
56/ 55	.0	.4	.4	.6	.8	1.1	1.3	.8	.3	.0									1179	1179	436	56
54/ 53	.1	.6	.6	.7	1.1	1.4	1.0	.8	.1	.0									1253	1253	953	111
52/ 51	.2	.6	.8	.8	1.2	1.4	1.1	.4	.1										1297	1297	1357	230
50/ 49	.1	.8	.9	1.2	1.4	1.5	.9	.3	.0										1417	1417	1748	349
48/ 47	.1	.6	1.1	1.3	1.6	1.4	.6	.1	.0										1353	1353	1888	455
46/ 45	.0	1.0	1.3	1.6	1.6	1.0	.4	.1											1393	1394	1853	668
44/ 43	.1	1.1	1.4	1.4	1.3	.7	.2												1209	1210	1991	800
42/ 41	.1	.9	1.3	1.6	1.0	.6	.0												1123	1123	1882	886
40/ 39	.1	.9	1.6	1.3	.8	.2	.0												984	984	1813	1217
38/ 37	.1	.9	1.3	1.1	.6	.1													808	808	1667	1203
36/ 35	.1	.9	.9	.7	.4	.0													572	572	1403	1576
34/ 33	.1	.6	.7	.4	.2	.0													377	377	1051	1602
32/ 31	.1	.4	.4	.3	.0														241	241	757	1758
30/ 29	.0	.4	.2	.1	.0														151	151	499	1735
28/ 27	.0	.1	.1	.1															53	53	259	1295
26/ 25		.0	.1	.0															27	27	124	1416
24/ 23		.0	.0																6	6	49	1046
22/ 21		.0																	3	3	21	889
20/ 19			.0																1	1	10	640
18/ 17																						568

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																				1	429
14/ 13																					331
12/ 11																					245
10/ 9																					163
8/ 7																					133
6/ 5																					59
4/ 3																					42
2/ 1																					20
0/ -1																					8
-2/ -3																					2
-4/ -5																					4
-6/ -7																					1
TOTAL	1.1	10.4	13.6	14.2	13.9	12.2	9.5	7.7	6.2	4.4	3.3	2.2	1.0	.3	.1	.0		19946	19948	19947	19945

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	61283968	1015722	50.9	21.888	19944
Dry Bulb	55387828	1029204	51.6	10.707	19948
Wet Bulb	37335295	851277	42.7	7.100	19947
Dew Point	21591238	626484	31.4	9.794	19945

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		18.0	71.6	21.0	1.3		744
Wet Bulb		64.2					744
Dew Point	.6	402.3					744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-61,64-65,73 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63								.1										1	1		
62/ 61						.1	.1											3	3		
60/ 59		.3	.1	.2			.1	.1	.1									15	15	2	
58/ 57	.1	.1	.1	.1	.2	.2	.1	.2										20	20	5	6
56/ 55	.2	.2		.4	.4	.4	.4											37	37	8	8
54/ 53	.3	.6	.4	.9	1.3	.6	.5	.3										92	92	16	9
52/ 51	.1	.6	.8	.7	1.2	.9	.7											95	95	19	5
50/ 49	.2	1.2	1.4	1.5	1.0	1.6	.6											143	143	49	25
48/ 47	.3	2.0	1.9	3.1	2.5	1.6	.4	.1										222	222	73	35
46/ 45	.6	2.0	2.8	3.3	2.3	1.3	.2											235	235	139	37
44/ 43	.8	3.1	3.2	2.5	1.9	.7	.3											237	237	186	91
42/ 41	.9	2.6	3.0	2.2	1.5	.5	.2											205	205	251	123
40/ 39	.7	2.5	2.6	2.0	1.5	.4	.1											188	188	273	152
38/ 37	.5	1.9	1.8	1.9	1.0	.2												137	137	247	133
36/ 35	.6	2.0	1.3	1.2	.6	.3												114	114	189	186
34/ 33	.3	.8	1.0	.3	.5	.2												58	58	155	173
32/ 31	.2	1.1	.4	.1	.3													39	39	109	146
30/ 29	.1	.3	.1	.3	.3													20	20	86	146
28/ 27		.1		.5														12	12	27	107
26/ 25		.3	.3	.2														15	15	15	114
24/ 23																				17	97
22/ 21																				22	74
20/ 19																					57
18/ 17																					32
16/ 15																					19
14/ 13																					27
12/ 11																					13
10/ 9																					11
8/ 7																					13
6/ 5																					18
4/ 3																					6
2/ 1																					6
0/ -1																					7
-2/ -3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-61,64-65,73 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					7
-6/ -7																					3
TOTAL	5.8	21.8	21.1	21.5	16.3	9.1	3.8	.6	.1									1888	1888		1888
																		1888		1888	

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.	8925961	124033	65.7	20.299	1888							
Dry Bulb	3678701	82455	43.7	6.414	1888		4.2					93
Wet Bulb	2921124	73358	38.9	6.126	1888		13.6					93
Dew Point	2095109	59921	31.7	10.122	1888	.9	44.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59		.1		.1		.1		.1	.0									10	10		
58/ 57	.1	.2	.1	.1	.2	.0	.0	.1										20	20	4	3
56/ 55	.2	.1	.1	.3	.4	.3	.1	.1										34	34	11	9
54/ 53	.3	.2	.5	.3	.2	.2	.2	.0										44	44	15	10
52/ 51	.1	.6	.3	.2	.7	.9	.3	.0										72	72	18	5
50/ 49	.2	1.0	.6	1.8	.8	1.0	.5											129	129	48	26
48/ 47	.2	1.3	1.9	2.2	1.6	1.0	.5											190	190	50	34
46/ 45	.6	2.0	2.0	2.1	1.7	1.0	.0											205	205	97	40
44/ 43	.8	2.3	3.1	2.4	1.8	.9												245	245	174	82
42/ 41	.9	2.9	2.9	2.7	1.4	.3	.0											240	240	209	87
40/ 39	1.2	2.9	3.4	1.9	1.1	.4	.1											239	239	281	148
38/ 37	.0	2.9	3.2	2.2	1.3	.1												224	224	264	148
36/ 35	1.1	3.3	1.5	2.0	.7	.0												190	190	293	190
34/ 33	.4	1.5	1.7	1.3	.3													115	115	219	213
32/ 31	.3	1.8	1.2	.6	.2	.1												93	93	146	181
30/ 29	.4	1.3	.5	.6	.1													63	63	157	190
28/ 27		.4	.4	.1	.2													24	24	85	121
26/ 25		.2	.3	.4														18	18	33	146
24/ 23		.1	.3	.2														14	14	31	128
22/ 21		.0	.1	.0														4	4	20	111
20/ 19																				13	57
18/ 17			.0															1	1	5	62
16/ 15																					35
14/ 13																				1	31
12/ 11																					29
10/ 9																					15
8/ 7																					11
6/ 5																					17
4/ 3																					13
2/ 1																					10
0/ -1																					5
-2/ -3																					9
-4/ -5																					4
-8/ -9																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-11																					2
TOTAL	7.5	25.1	24.2	21.6	12.9	6.4	1.9	.4	.0									2174	2174	2174	2174

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.	10862546	147480	67.8	19.868	2174							
Dry Bulb	3816342	89880	41.3	6.798	2174		9.3					93
Wet Bulb	3084012	80652	37.1	6.505	2174		21.0					93
Dew Point	2240928	66192	30.4	10.189	2174	.9	50.4					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61							.0		.1									3	3		
60/ 59		.0		.0				.0										3	3		
58/ 57	.0	.2	.1	.1	.2			.1										20	20	4	3
56/ 55	.1	.2	.1	.1	.1	.3	.1	.1										31	31	8	8
54/ 53	.1	.3	.3	.3	.3	.3	.0											47	47	14	8
52/ 51	.0	.6	.7	.3	.4	.4	.3	.0										75	75	23	7
50/ 49	.2	.8	1.1	1.0	.6	.9	.5											139	139	43	30
48/ 47	.2	1.0	1.3	1.4	1.2	.6	.4											163	163	71	28
46/ 45	.2	1.8	1.9	2.0	1.3	.9	.3											225	225	95	47
44/ 43	.9	2.1	3.2	1.5	1.3	.6	.1											264	264	165	89
42/ 41	.7	2.1	2.7	2.6	1.2	.3	.0											258	258	236	112
40/ 39	.7	2.9	3.8	2.0	1.7	.4												306	306	273	130
38/ 37	.6	2.9	3.7	1.9	1.0	.1												275	275	296	152
36/ 35	.7	3.8	3.6	2.8	.6	.0												310	310	325	203
34/ 33	.7	2.5	2.2	1.0	.6													168	188	340	262
32/ 31	.4	1.7	1.7	.6	.3	.0												126	126	262	233
30/ 29	.3	2.0	1.0	.9	.1													118	118	199	252
28/ 27	.2	.8	.5	.6	.0													58	58	130	195
26/ 25		.6	.3	.5														37	37	77	182
24/ 23	.0	.2	.3	.3														20	20	51	135
22/ 21		.2	.5	.1														23	23	32	158
20/ 19		.0	.2	.0														7	7	27	109
18/ 17			.1															2	2	20	90
16/ 15																				6	60
14/ 13																				1	42
12/ 11																					31
10/ 9																					27
8/ 7																					23
6/ 5																					22
4/ 3																					20
2/ 1																					15
0/ -1																					10
-2/ -3																					4
-4/ -5																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PAGE 2 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
-6/ -7																					4
-8/ -9																					1
-10/-11																					1
TOTAL	6.0	26.7	29.1	20.3	11.0	4.7	1.7	.3	.1										2698		2698
																		2698		2698	

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.	13513697	184133	68.2	18.738	2698							
Dry Bulb	4431832	107630	39.9	7.158	2698		13.5					93
Wet Bulb	3595411	96751	35.9	6.832	2698		27.7					93
Dew Point	2603159	79191	29.4	10.167	2698	.9	55.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77												.0						1	1		
74/ 73										.0		.0	.0					3	3		
72/ 71										.0	.1	.0						4	4		
70/ 69								.1	.1	.0	.1	.0						11	11		
68/ 67							.1		.2	.2	.1	.0						16	16		
66/ 65				.0	.0	.0	.2	.4	.3	.4	.1	.0						44	44		
64/ 63			.0	.0		.1	.3	.6	.5	.4	.1							62	62		
62/ 61		.1	.0	.1	.1	.4	.9	1.1	.7	.2								105	105		
60/ 59		.2	.1	.3	.2	.9	1.3	1.4	.5	.2								146	146	5	
58/ 57		.2	.2	.5	.6	1.3	1.9	1.2	.4	.1								182	182	12	7
56/ 55		.1	.5	.8	1.9	2.0	1.7	1.5	.5	.1								261	261	18	11
54/ 53		.3	1.0	1.1	1.6	2.0	1.8	1.0	.1	.0								258	258	40	8
52/ 51	.1	.8	1.4	2.0	2.2	1.5	1.5	.7										290	290	109	18
50/ 49	.1	.6	1.6	2.1	2.4	2.1	1.4	.5	.1									311	311	202	27
48/ 47	.1	1.4	1.7	2.0	2.1	1.3	.6	.3										272	272	317	63
46/ 45	.1	1.0	2.0	2.0	1.5	1.1	.3	.1	.0									235	235	386	93
44/ 43	.2	1.1	1.4	1.6	1.5	.6	.3											193	193	393	135
42/ 41	.1	1.0	1.3	1.3	1.3	1.0	.2											175	175	356	163
40/ 39	.2	.6	.8	1.0	.8	.4	.1											112	112	305	224
38/ 37	.1	.3	.5	1.0	.3	.2												71	71	241	232
36/ 35		.2	.6	.3	.3	.3												52	52	150	268
34/ 33	.0	.2	.1	.2	.1	.0												20	20	130	213
32/ 31		.2	.1	.2	.2													23	23	100	230
30/ 29		.1	.1	.2	.0													11	11	35	214
28/ 27			.1	.1														5	5	30	156
26/ 25				.1														2	2	19	170
24/ 23			.0															1	1	12	142
22/ 21																				4	124
20/ 19																				2	92
18/ 17																					60
16/ 15																					45
14/ 13																					45
12/ 11																					19
10/ 9																					19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					27
6/ 5																					19
4/ 3																					16
2/ 1																					14
0/ -1																					7
-2/ -3																					4
-4/ -5																					1
TOTAL	1.0	8.5	13.6	16.8	17.4	15.2	12.6	9.[illegible]	[illegible].4	1.8	.6	.2	.0						2866		2866
																		2866		2866	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	9069957	150935	52.7	19.782	2866
Dry Bulb	7370650	143672	50.1	7.667	2866
Wet Bulb	5208144	120922	42.2	6.089	2866
Dew Point	3176760	90892	31.7	10.134	2866

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		1.4	1.1	.1			93
Wet Bulb		6.6					93
Dew Point	.4	45.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1

1200-1400 — HOURS (L or Z)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83															.0			1	1		
82/ 81												.1	.0	.0	.0			6	6		
80/ 79												.1	.1	.2	.0			10	10		
78/ 77										.0	.1	.1	.2	.2	.0			18	18		
76/ 75									.1	.2	.4	.3	.2	.2				42	42		
74/ 73									.2	.2	.5	.7	.5	.1				64	64		
72/ 71						.0	.0	.0	.3	.7	1.1	.7	.2					90	90		
70/ 69					.2	.1	.1	.2	1.3	1.4	1.7	.7	.1					162	162		
68/ 67				.1	.1	.1	.1	.7	1.7	2.3	1.6	.5						204	204		
66/ 65				.2	.0	.2	.6	1.1	2.8	1.9	.9	.1						225	225		
64/ 63	.0		.1	.0	.3	.6	1.0	2.4	2.6	1.8	.6	.0						274	274	2	1
62/ 61				.1	.3	1.5	2.0	2.7	2.4	1.0	.2							293	293	11	
60/ 59		.0	.1	.2	1.0	1.7	2.4	1.9	2.6	.6	.1							303	303	22	1
58/ 57		.1	.3	.4	1.4	2.1	1.7	1.8	1.1	.7	.0							273	273	35	12
56/ 55		.1	.3	.6	1.5	1.8	1.4	1.2	.6	.3								223	223	88	10
54/ 53	.0	.2	.3	.7	1.2	1.3	1.0	.9	.6	.1								184	184	211	10
52/ 51	.0	.3	.8	.7	.8	.8	.6	.3	.7									142	142	350	25
50/ 49	.1	.2	.6	.9	.8	.6	.9	.5	.2									138	138	494	35
48/ 47		.5	.2	.7	.5	.8	.4	.4	.1									106	106	475	57
46/ 45	.1	.4	.3	.4	.4	.1	.2	.0	.0									57	57	404	89
44/ 43		.1	.1	.1	.2	.1	.2											22	22	289	146
42/ 41	.1	.0		.0	.1	.1	.2	.0										15	15	183	196
40/ 39					.1	.2	.2											15	15	108	178
38/ 37	.0			.1		.1	.0											9	9	97	242
36/ 35					.0													1	1	46	254
34/ 33																				23	195
32/ 31																				15	219
30/ 29																				15	231
28/ 27																				8	173
26/ 25																				1	173
24/ 23		.0																1	1	1	136
22/ 21																					103
20/ 19																					91
18/ 17																					69

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					49
14/ 13																					33
12/ 11																					28
10/ 9																					22
8/ 7																					27
6/ 5																					25
4/ 3																					13
2/ 1																					12
0/ -1																					12
-2/ -3																					6
-4/ -5																					2
-6/ -7																					2
-8/ -9																					1
TOTAL	.4	2.0	3.2	5.2	8.7	12.2	13.1	14.1	17.3	11.0	7.3	3.3	1.3	.7	.1				2878		2878
																		2878		2878	

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.	5046249	108953	37.9	17.898	2878							
Dry Bulb	10522497	172575	60.0	7.783	2878		.0	19.3	4.6	.4		93
Wet Bulb	6454338	135422	47.1	5.344	2878		1.3					93
Dew Point	3210564	91214	31.7	10.541	2878	.7	46.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83													.0	.1	.1	.0		9	9		
82/ 81												.1	.0	.1	.1	.0		10	10		
80/ 79									.0		.1	.0	.2	.3	.0			18	18		
78/ 77										.1	.3	.3	.2	.1				29	29		
76/ 75								.0	.1	.2	.8	.8	.8	.3				81	81		
74/ 73									.2	.2	.9	1.4	.7	.1	.1			99	99		
72/ 71						.0	.0	.3	.4	1.5	1.9	1.9	.4					178	178		
70/ 69						.1	.1	.3	1.3	2.0	2.7	.8	.2					212	212		
68/ 67				.1	.2	.1	.2	.9	2.3	2.1	1.9	.9	.0					240	240		
66/ 65			.0	.1	.1	.1	.7	1.5	2.8	2.3	1.3	.5						264	264		
64/ 63			.0	.0	.1	.0	1.7	1.5	2.4	2.1	1.0	.0						265	265	1	
62/ 61	.0	.1	.0	.1	.3	.9	2.3	1.8	2.2	1.2	.6							267	267	14	1
60/ 59	.0		.0	.5	.5	1.3	1.8	1.8	1.6	1.0	.3							242	243	25	4
58/ 57		.1	.1	.2	1.2	1.3	1.6	1.4	.8	.5	.0							201	201	41	6
56/ 55		.1	.2	.4	.8	1.3	.9	1.0	.8	.5	.0							168	168	129	8
54/ 53		.4	.3	.3	1.3	.8	1.0	.5	.9	.1								155	155	256	12
52/ 51	.1	.4	.6	.8	.4	.5	.8	.4	.1									116	116	441	24
50/ 49	.0	.2	.4	.5	.5	.5	.4	.3	.1	.1								82	82	483	32
48/ 47	.0	.6	.5	.5	.4	.4	.3	.2	.0									80	80	414	51
46/ 45		.2	.5	.1	.2	.1	.2	.1										38	38	358	93
44/ 43		.0	.1	.0	.1	.0	.1	.2										17	17	239	108
42/ 41	.0	.1	.0	.1		.1	.2	.1										18	18	165	155
40/ 39					.1	.1												5	5	96	236
38/ 37				.0														1	1	66	214
36/ 35																				24	231
34/ 33																				13	195
32/ 31																				14	203
30/ 29																				16	195
28/ 27																					185
26/ 25																					192
24/ 23																					139
22/ 21																					117
20/ 19																					77
18/ 17																					67

Element (.C)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SER/ICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					50
14/ 13																					47
12/ 11																					29
10/ 9																					22
8/ 7																					29
6/ 5																					24
4/ 3																					19
2/ 1																					11
0/ -1																					11
-2/ -3																					6
-6/ -7																					2
TOTAL	.1	2.2	2.8	3.8	6.0	8.0	12.2	12.3	16.1	14.0	11.7	6.6	2.5	1.0	.4	.1			2796		2795
																		2795		2795	

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.	4291670	97398	34.8	17.924	2795							
Dry Bulb	10984290	173810	62.2	8.016	2796			29.1	8.2	.8		93
Wet Bulb	6493995	133953	47.9	5.152	2795		1.0					93
Dew Point	3040860	87346	31.3	10.554	2795	.6	47.4					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZUNA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81												.0						1	1		
78/ 77										.0								1	1		
76/ 75									.0									1	1		
74/ 73										.1	.0	.0						4	4		
72/ 71									.1	.0	.2	.1						12	12		
70/ 69									.3	.2	.2	.0						18	18		
68/ 67						.0	.0	.3	.5	.2	.3							34	34		
66/ 65						.1	.6	.7	.8	.6	.2							78	79		
64/ 63			.1	.1	.1	.4	1.1	1.0	1.3	.9	.2							129	129		
62/ 61		.2	.1	.2	.1	.8	1.6	1.7	1.0	.3	.1							152	152		
60/ 59	.0	.2	.2	.3	1.0	1.6	1.7	1.7	1.3	.2	.1							210	210	16	3
58/ 57	.0		.4	.7	1.6	2.7	1.9	1.8	1.0	.1								257	257	9	11
56/ 55		.1	.6	1.3	2.1	2.6	2.0	1.9	1.0	.1								291	291	21	1
54/ 53	.1	.4	.8	1.5	3.0	1.7	1.6	1.0	.3									261	261	87	7
52/ 51	.2	.4	1.1	2.2	2.1	1.9	1.5	.6	.3									263	263	174	29
50/ 49	.2	.5	1.0	1.8	2.5	1.6	1.0	.4	.1									229	229	289	34
48/ 47		1.0	1.4	1.4	1.1	1.0	.8	.3										179	179	360	47
46/ 45	.2	1.3	1.0	1.1	1.1	.7	.5	.2										154	154	411	93
44/ 43	.0	.8	1.1	.8	.7	.5	.3	.0										103	103	325	179
42/ 41		.7	.6	.5	.2	.3	.4	.0										72	72	299	196
40/ 39	.1	.2	.3	.3	.2	.3	.2											37	37	196	232
38/ 37		.0	.2	.1	.1	.3												19	19	143	226
36/ 35		.0	.0	.1		.1												7	7	80	209
34/ 33			.1	.1	.1	.1												10	10	45	173
32/ 31			.0	.0	.0													3	3	30	195
30/ 29			.0															1	1	18	156
28/ 27																				17	143
26/ 25																				3	125
24/ 23																				3	107
22/ 21																					81
20/ 19																					62
18/ 17																					46
16/ 15																					35
14/ 13																					22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					25
10/ 9																					21
8/ 7																					18
6/ 5																					8
4/ 3																					17
2/ 1																					17
0/ -1																					3
-2/ -3																					1
-4/ -5																					3
-6/ -7																					1
TOTAL	.8	5.6	9.0	12.5	16.0	16.7	15.4	11.6	7.9	2.9	1.3	.2						2526	2527	2526	2526

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.	6996009	123375	48.8	19.601	2526							
Dry Bulb	7432119	135873	53.8	7.075	2527		.1	2.6	.3	.0		93
Wet Bulb	5083039	112457	44.5	5.503	2526		2.6					93
Dew Point	3016935	83401	33.0	10.211	2526	.3	40.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
JAN — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67									.1									2	2		
66/ 65					.0			.0										2	2		
64/ 63					.0	.0	.2	.0	.0									8	8		
62/ 61			.2			.1	.0	.0	.1									11	11		
60/ 59	.0	.2	.0	.0	.2	.5	.5	.2	.1									40	40	3	2
58/ 57	.1	.2	.0	.2	1.0	.5	.4	.9	.1									74	74	11	6
56/ 55	.1	.1	.8	.7	1.7	.8	1.1	.4	.1									120	120	7	9
54/ 53	.2	.4	.5	1.2	1.3	1.6	1.4	.6	.1									160	160	16	5
52/ 51	.2	.7	1.2	2.4	2.0	1.7	1.1	.0										196	196	53	13
50/ 49	.1	1.0	1.9	2.6	3.0	2.4	1.0	.0	.0									253	253	87	28
48/ 47	.3	1.8	2.8	2.9	2.0	1.5	.7	.2										255	255	151	36
46/ 45	.3	2.4	2.4	3.1	2.6	1.2	.3											261	261	224	70
44/ 43	.5	1.8	2.0	2.1	1.3	1.4	.2	.0										198	198	307	128
42/ 41	.4	1.9	1.9	1.3	1.4	.7	.0											157	157	273	158
40/ 39	.4	2.3	1.6	1.4	1.4	.5												159	159	291	170
38/ 37	.2	.9	1.0	1.0	.6	.6												90	90	226	174
36/ 35	.0	.6	.7	.4	.4	.0	.0											46	46	161	188
34/ 33	.0	.5	.4	.1	.2	.0												28	28	111	187
32/ 31		.1	.0	.3	.3	.0												18	18	78	143
30/ 29		.0	.1	.4	.2													16	16	38	144
28/ 27		.0	.2	.1														7	7	20	120
26/ 25																				20	103
24/ 23																				20	98
22/ 21																				4	71
20/ 19																					61
18/ 17																					46
16/ 15																					22
14/ 13																					26
12/ 11																					17
10/ 9																					13
8/ 7																					12
6/ 5																					22
4/ 3																					5
2/ 1																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) JAN (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1																					8
-2/ -3																					1
-4/ -5																					6
-6/ -7																					1
TOTAL	3.1	14.8	17.6	20.3	19.7	13.9	7.1	2.7	.8									2101	2101	2101	2101

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.	8466566	126560	60.2	20.034	2101							
Dry Bulb	4712623	98561	46.9	6.509	2101		1.8	.1				93
Wet Bulb	3581829	85839	40.9	5.967	2101		8.0					93
Dew Point	2434540	68218	32.5	10.225	2101	.7	41.0					93

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-60,64-65,73 — YEARS
FEB — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71												.1						1	1		
68/ 67											.2							3	3		
66/ 65									.1	.2	.1							5	5		
64/ 63					.1	.2		.1	.2									8	8		
62/ 61				.1	.1	.1	.2	.2	.6	.1	.1							23	23		
60/ 59			.1	.2	.5	.4	.4	.3	.3	.1								39	39		
58/ 57		.1	.5	1.0	.6	.7	.7	.4	.2	.2								74	75		
56/ 55		.5	.3	1.1	1.2	1.2	1.1	.4	.1									96	98	6	1
54/ 53	.1	.6	.9	1.6	1.5	1.8	1.5	.1	.2									136	136	36	5
52/ 51	.2	.7	1.4	1.4	2.5	1.3	.4	.2										132	132	46	17
50/ 49		1.4	1.6	2.7	1.9	1.2	.6											154	154	84	30
48/ 47	.1	2.2	2.1	3.2	2.7	1.5	.2	.2										200	200	130	46
46/ 45	.2	2.0	2.2	3.0	1.5	1.2	.2	.1										171	171	194	70
44/ 43	.1	1.8	1.9	2.5	1.8	1.3	.5											162	162	220	96
42/ 41	.2	2.1	1.8	2.3	.9	.8	.1											135	138	197	95
40/ 39	.2	1.3	2.1	.8	.6	.7												95	95	174	126
38/ 37	.4	1.1	1.1	1.2	1.0	.2												81	82	161	124
36/ 35	.2	.9	.8	.8	.8													59	60	138	177
34/ 33		.3	1.1	.7	.3													39	41	81	124
32/ 31		.2	.6	.2	.1													18	20	73	143
30/ 29		.1	.5	.1														12	12	62	118
28/ 27			.3															5	5	26	77
26/ 25																				15	84
24/ 23																				5	72
22/ 21																					43
20/ 19																					33
18/ 17																					38
16/ 15																					36
14/ 13																					21
12/ 11																					25
10/ 9																					13
8/ 7																					17
6/ 5																					9
4/ 3																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-60,64-65,73 (YEARS) FEB (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					3
0/ -1																					1
TOTAL	1.6	15.2	19.5	22.9	18.0	12.6	5.8	1.9	1.6	.5	.3	.1						1648	1660	1648	1648

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.	6661254	99810	60.6	19.345	1648							
Dry Bulb	3738064	77858	46.9	7.214	1660		1.9	.2				84
Wet Bulb	2819441	67387	40.9	6.232	1648		9.2					84
Dew Point	1920382	53812	32.7	9.956	1648	.1	37.6					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65									.1	.1	.1							3	3		
64/ 63							.1	.1	.1	.1	.1							7	7		
62/ 61						.1	.2	.2	.2									12	12		
60/ 59			.1		.2	.1	.2	.3		.1								18	18		
58/ 57		.1	.2	.4	.3	.3	.2	.4	.3	.1								38	38		
56/ 55		.4	.7	.8	.4	.6	.7	.3	.1									76	76	3	
54/ 53	.1	.5	.4	1.4	1.0	1.0	.8	.3	.1									105	106	16	5
52/ 51		.4	1.2	1.4	1.5	1.3	.4	.1										117	119	37	15
50/ 49	.2	1.5	1.2	1.8	2.1	1.4	.4	.2	.1									168	168	68	20
48/ 47	.2	2.3	1.5	2.1	2.0	.9	.5	.1										184	184	101	40
46/ 45	.3	2.4	2.4	3.2	1.5	.7	.4	.1										208	208	168	61
44/ 43	.3	2.8	2.6	2.2	2.1	.9	.4											214	215	191	110
42/ 41	.3	2.0	2.6	2.0	1.2	1.0	.2											177	178	232	113
40/ 39	.2	2.1	3.0	2.5	1.0	.4	.1											178	179	227	98
38/ 37	.2	1.7	2.0	1.2	.9		.1											115	116	188	133
36/ 35	.3	1.3	1.3	1.4	.7	.1												95	96	200	183
34/ 33	.5	1.0	.9	1.2	.4													76	76	160	156
32/ 31	.1	.9	1.0	.6	.2													55	56	100	156
30/ 29		.7	.9	.5														40	45	92	160
28/ 27		.2	.4	.2														14	14	66	108
26/ 25		.2	.1	.1														7	7	32	118
24/ 23			.	.1														1	1	22	78
22/ 21																				4	75
20/ 19																					56
18/ 17																				1	47
16/ 15																					46
14/ 13																					33
12/ 11																					32
10/ 9																					23
8/ 7																					12
6/ 5																					16
4/ 3																					8
2/ 1																					1
0/ -1																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3																					3
-4/ -5																					1
TOTAL	2.5	20.4	22.4	22.7	15.7	8.6	4.6	1.9	.8	.3	.1							1908	1922	1908	1908

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.	8353528	120590	63.2	19.592	1908							
Dry Bulb	3857876	84962	44.2	7.291	1922		5.4					84
Wet Bulb	2973965	74313	38.9	6.461	1908		14.0					84
Dew Point	2056594	59658	31.3	10.014	1908	.2	42.9					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PAGE 1

0600-0900 — HOURS (L. S. T.)

Temp. (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	26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67										.0	.0							2	2		
66/ 65									.0	.0								2	2		
64/ 63								.1	.0		.0							4	4		
62/ 61							.1	.2	.0	.0								8	8		
60/ 59					.0	.2	.0	.3	.1	.0								16	16		
58/ 57		.0	.2	.3	.3	.1	.2	.3	.1									37	37		
56/ 55		.4	.5	.7	.3	.3	.5	.5	.1	.1								79	79	4	
54/ 53		.5	.5	.6	1.0	1.0	.5	.3										107	108	16	7
52/ 51		.8	1.3	.5	1.3	.8	.5	.2		.0								131	133	31	14
50/ 49	.0	1.0	1.8	1.2	1.3	1.3	.6	.0										175	175	79	14
48/ 47	.3	1.6	2.6	1.9	2.1	1.1	.4	.1	.0									243	243	107	55
46/ 45	.2	2.5	2.4	2.8	1.6	1.0	.3	.1										257	257	176	77
44/ 43	.3	1.3	3.6	3.2	1.3	.8	.5											264	266	218	106
42/ 41	.3	2.0	2.4	2.0	1.4	.7	.1	.0										214	216	243	123
40/ 39	.1	2.0	2.7	2.5	1.3	.6	.2											226	226	296	113
38/ 37	.3	1.8	2.7	2.0	1.4	.3	.0											204	204	283	134
36/ 35	.2	1.5	1.8	1.3	.7	.1												134	136	215	219
34/ 33	.3	1.1	1.2	1.2	.5	.1												106	107	216	191
32/ 31	.1	1.0	.9	.9	.2													73	73	176	217
30/ 29	.0	.8	.7	.7	.1													54	56	121	186
28/ 27		.3	.6	.2	.0													28	32	94	145
26/ 25		.2	.1	.2	.0													14	14	54	158
24/ 23		.1	.0															3	3	38	129
22/ 21																				10	116
20/ 19																				4	56
18/ 17																					88
16/ 15																					42
14/ 13																					58
12/ 11																					40
10/ 9																					26
8/ 7																					26
6/ 5																					27
4/ 3																					8
2/ 1																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PAGE 2

0600-0900 — 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
0/ -1																					1
-4/ -5																					2
TOTAL	2.	218.	826.	222.	115.	2 8.	4 4.	2 2.	1 .5	.3	.1							2381	2397	2381	2381

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.	10286795	149759	62.9	19.090	2381							
Dry Bulb	4621018	103806	43.3	7.238	2397		6.2	.1				84
Wet Bulb	3557888	90708	38.1	6.554	2381		17.5					84
Dew Point	2435368	72284	30.4	10.061	2381	.1	46.9					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79														.0				1	1		
78/ 77										.1		.1	.0	.1				7	7		
76/ 75									.1		.0	.1	.2					10	10		
74/ 73								.0	.1	.3	.3	.3	.0					27	27		
72/ 71						.0		.1	.1	.5	.4	.2	.1					36	36		
70/ 69					.0		.1	.2	.1	.6	.5	.3	.1		.0			50	50		
68/ 67						.2	.4	.3	.8	.6	.7	.1	.1					80	80		
66/ 65					.1	.4	.4	.3	1.5	.6	.6	.1	.0					98	98		
64/ 63				.1	.3	.4	1.1	1.1	1.5	.4	.3	.1	.0					138	138		
62/ 61			.0	.2	.7	.9	1.5	1.6	.7	.6	.2		.0					166	166	3	
60/ 59		.0	.1	.3	.7	1.2	2.3	1.7	1.4	.6	.2							218	218	6	
58/ 57		.2	.4	1.1	1.0	1.6	1.9	1.6	.9	.2	.2							235	235	24	
56/ 55		.2	1.0	.9	1.5	2.5	1.8	1.2	.5	.4	.0							255	255	63	4
54/ 53		.2	1.1	1.1	1.9	1.9	1.3	1.2	.4	.0	.0							237	238	131	15
52/ 51		.4	1.3	1.2	1.5	1.6	1.2	.8	.3									209	210	191	27
50/ 49		.6	.9	2.2	1.9	1.5	1.1	.8	.1									232	234	304	59
48/ 47		.3	1.3	1.4	1.5	1.1	1.1	.4	.0									176	179	325	92
46/ 45	.0	.4	.9	1.1	1.1	.9	.6	.2										132	133	331	104
44/ 43	.0	.2	.9	.6	.9	.6	.3											90	91	315	103
42/ 41		.3	.5	.6	.3	.7	.1											61	62	260	137
40/ 39	.0	.2	.4	.6	.5	.2												49	50	206	175
38/ 37		.0	.1	.5	.1	.0												20	21	141	215
36/ 35		.0	.2	.1	.2													14	14	120	243
34/ 33			.0	.0														2	3	65	187
32/ 31																				42	193
30/ 29																				12	157
28/ 27																				4	123
26/ 25																					151
24/ 23																					124
22/ 21																					76
20/ 19																					58
18/ 17																					62
16/ 15																					70
14/ 13																					53

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					47
10/ 9																					28
8/ 7																					19
6/ 5																					14
4/ 3																					4
2/ 1																					2
-4/ -5																					1
TOTAL	.1	3.1	9.2	12.1	14.4	15.7	15.0	11.5	8.5	4.8	3.4	1.3	.7	.1	.0				2556		2543
																		2543		2543	

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.	6218087	116205	45.7	18.900	2543							
Dry Bulb	7836399	140489	55.0	8.024	2556			6.9	1.5	.0		84
Wet Bulb	5197679	113995	44.8	5.871	2543		1.9					34
Dew Point	2919795	82069	32.3	10.329	2543	.0	39.0					54

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89																.0		1	1		
88/ 87														.0				1	1		
86/ 85													.1	.0	.0	.1		6	6		
84/ 83												.0	.0	.2	.2	.2	.0	15	15		
82/ 81											.1	.1	.3	.2	.4			27	27		
80/ 79							.0			.0	.1	.3	.5	.6	.2	.0	.0	49	49		
78/ 77										.2	.3	.9	.8	.5	.1	.0		75	75		
76/ 75									.2	.5	.7	1.9	.7	.5	.0	.1		117	117		
74/ 73								.1	.3	.5	1.2	1.5	1.1	.2	.1			127	127		
72/ 71							.1	.3	.7	1.1	1.9	1.5	.7	.1	.1			167	167		
70/ 69							.4	.7	1.1	2.1	1.7	1.1	.5	.1	.0			197	197		
68/ 67					.1	.2	.9	1.2	1.4	2.3	1.3	.8	.4	.0				219	219	1	
66/ 65					.0	.7	.9	1.9	2.1	1.6	1.3	.6	.0					234	234		
64/ 63				.2	.3	.7	1.3	2.0	2.5	1.6	1.0	.4	.1					259	259		
62/ 61			.0	.2	.5	1.0	1.3	2.1	1.9	1.6	.7	.2						240	240	10	1
60/ 59			.2	.4	.8	1.1	.7	1.3	1.4	1.1	.4	.0						190	190	36	
58/ 57		.2	.2	.6	.4	1.2	1.5	1.6	.8	.5	.1	.0						179	181	95	
56/ 55	.0	.1	.2	.4	.6	1.0	1.2	.6	1.0	.2	.2							143	143	210	7
54/ 53		.4	.2	.6	.9	.5	.7	.5	.7	.0								117	118	304	13
52/ 51	.1	.2	.3	.7	.4	.4	.7	.7	.2									95	97	392	33
50/ 49		.1	.3	.4	.1	.3	.3	.3										52	53	361	47
48/ 47		.1	.2	.2	.2	.1	.4	.0										31	31	345	91
46/ 45		.2	.0	.1		.1	.2											17	17	292	99
44/ 43	.0		.2			.1												7	7	228	114
42/ 41		.0																1	1	116	134
40/ 39																				93	156
38/ 37																				54	162
36/ 35																				25	198
34/ 33																				4	184
32/ 31																					202
30/ 29																					191
28/ 27																					127
26/ 25																					142
24/ 23																					111

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					105
20/ 19																					53
18/ 17																					94
16/ 15																					89
14/ 13																					62
12/ 11																					60
10/ 9																					36
8/ 7																					23
6/ 5																					16
4/ 3																					11
2/ 1																					4
-4/ -5																					1
TOTAL	.2	1.4	1.6	3.7	4.3	7.4	10.9	13.4	14.2	13.3	10.8	9.3	5.2	2.5	1.1	.5	.1	2566	2572	2566	2566

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.	3461627	83501	32.5	17.036	2566							
Dry Bulb	10778624	165190	64.2	8.110	2572			32.7	13.7	2.5		84
Wet Bulb	6200807	125441	48.9	5.169	2566			.0				84
Dew Point	2805641	80115	31.2	10.892	2566	.0	43.4					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — YEARS
FEB — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93																	.0	1	1		
90/ 89															.0			1	1		
88/ 87														.1		.0		3	3		
86/ 85													.0		.2	.2		10	10		
84/ 83												.0	.2	.4	.5	.1	.1	31	31		
82/ 81											.2	.3	.4	.7	.6	.1	.1	58	58		
80/ 79											.3	.4	1.4	1.0	.2	.0	.1	89	89		
78/ 77										.2	.2	1.0	1.4	1.3	.2	.3		112	112		
76/ 75									.2	.8	.8	1.3	1.1	.9	.1	.0		133	133		
74/ 73								.1	.5	.8	1.9	1.9	1.9	.4	.1			189	189		
72/ 71								.2	1.0	1.5	2.3	1.6	.9	.2				190	190		
70/ 69					.0		.1	.9	1.0	1.9	2.1	1.7	.6	.2				212	212		
68/ 67					.1	.4	.6	1.3	1.7	2.1	2.1	1.4	.4					253	253		
66/ 65				.0	.2	.4	.9	1.0	1.6	2.5	1.5	.7	.3					229	230		
64/ 63				.0	.3	.9	.9	1.7	1.5	1.2	1.2	.4	.1					192	192		
62/ 61			.1	.2	.6	.8	.8	.8	1.5	1.3	.5	.1	.0					166	166	13	
60/ 59	.0		.2	.3	.5	1.0	.8	1.6	1.0	.8	.4							165	165	49	1
58/ 57		.0	.3	.3	.4	.6	1.0	.9	.5	.6	.4							125	128	115	
56/ 55	.0	.1	.3	.2	.7	.4	.5	.8	.8	.3	.0							105	105	257	9
54/ 53		.3	.4	.4	.3	.2	.4	.5	.3									71	74	366	12
52/ 51		.2	.2	.5	.3	.1	.2	.4	.1									53	53	352	22
50/ 49		.0	.5	.1	.2	.3	.4	.3										46	46	349	44
48/ 47		.2	.2	.2	.1		.2	.1										26	26	341	71
46/ 45	.0	.2	.2	.0														12	12	231	118
44/ 43		.2																6	6	174	116
42/ 41		.1	.1															5	5	108	126
40/ 39		.0																1	1	75	130
38/ 37																				42	136
36/ 35																				12	169
34/ 33																					149
32/ 31																					193
30/ 29																					174
28/ 27																					124
26/ 25			.0															1	1		165

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																				1	142
22/ 21																					107
20/ 19																					83
18/ 17																					75
16/ 15																					90
14/ 13																					79
12/ 11																					43
10/ 9																					30
8/ 7																					30
6/ 5																					19
4/ 3																					22
2/ 1																					1
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	.1	1.6	2.4	2.3	3.9	5.1	6.9	10.0	12.0	14.0	13.8	10.9	8.8	5.3	1.9	.8	.3		2492		2485
																		2485		2485	

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.	2985949	74309	29.9	17.536	2485							
Dry Bulb	11169288	165474	66.4	8.535	2492		.0	43.2	21.1	4.8	.0	84
Wet Bulb	6190958	123386	49.7	5.098	2485		.0					84
Dew Point	2620457	75797	30.5	11.144	2485	.2	46.7					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83														.1				3	3		
82/ 81													.0	.0				2	2		
80/ 79											.0		.1	.0				4	4		
78/ 77										.1		.1	.1		.0	.0		9	9		
76/ 75									.0	.1	.1	.4	.2	.0	.0	.1		22	22		
74/ 73								.1	.4	.3	.6	.4	.4	.1				49	49		
72/ 71							.0	.1	.4	.6	.8	.5	.1	.1	.0			62	62		
70/ 69						.0	.4	.9	.9	1.4	1.0	.5	.1					119	119		
68/ 67					.0	.0	.6	.8	1.8	1.3	1.3	.3	.1					139	139		
66/ 65				.0	.2	.4	.9	1.4	1.6	1.2	.9	.4	.0					157	157		
64/ 63				.2	.4	.9	.9	2.3	1.8	1.1	.8	.2	.0					191	192		
62/ 61				.4	.7	1.2	2.0	1.7	1.7	.8	.5	.1						202	204		
60/ 59			.2	.5	1.1	1.3	2.1	2.3	1.2	1.1	.1	.0						224	224	12	
58/ 57		.3	.5	1.0	1.5	1.6	2.0	1.8	1.1	.5	.2							233	233	45	
56/ 55		.3	.5	.6	1.8	1.3	1.6	1.6	.9	.2								198	198	109	5
54/ 53	.0	.1	.4	.8	.9	1.5	1.5	.7	.4	.2								145	146	180	15
52/ 51	.1	.5	.9	.7	1.4	1.3	.9	.4	.4	.0								149	151	265	42
50/ 49	.1	.2	.7	.7	.8	.9	.7	.6										103	104	318	45
48/ 47	.0	.8	.8	.7	.3	.5	.4	.2										83	85	309	76
46/ 45	.1	.5	.4	.5	.3	.6	.4		.0									63	65	273	103
44/ 43		.4	.2	.2	.2	.4	.2											37	37	259	127
42/ 41		.2	.0	.1	.2	.2												16	16	190	151
40/ 39		.1		.1	.2	.0		.0										12	12	106	157
38/ 37		.1		.0	.0													4	4	68	173
36/ 35																				53	182
34/ 33																				27	152
32/ 31																				8	150
30/ 29																				3	149
28/ 27																					90
26/ 25																				1	108
24/ 23																					109
22/ 21																					68
20/ 19																					52
18/ 17																					60

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-74 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					62
14/ 13																					34
12/ 11																					36
10/ 9																					27
8/ 7																					26
6/ 5																					10
4/ 3																					10
2/ 1																					4
-2/ -3																					1
-4/ -5																					2
TOTAL	.4	3.4	4.6	6.6	10.0	12.4	14.5	14.9	12.8	9.2	6.3	3.0	1.3	.4	.1	.1		2226	2237	2226	2226

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.	4503379	90583	40.7	19.165	2226							
Dry Bulb	7947812	132192	59.1	7.803	2237			15.4	3.3	.3		84
Wet Bulb	4979996	104586	47.0	5.452	2226		.5					84
Dew Point	2632382	72630	32.6	10.864	2226	.1	37.7					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-60,62-74 — YEARS
FEB — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69								.1			.2							5	5		
68/ 67							.1		.1	.2	.1							9	9		
66/ 65					.1	.3	.1	.2	.3	.3	.2							26	26		
64/ 63					.3	.6	.4	.4	.3	.1								39	39		
62/ 61			.1	.1	.4	.9	.8	.7	.6	.3	.1							71	71		
60/ 59			.2	.5	.6	1.7	1.6	1.2	.8	.3								125	126		
58/ 57		.1	.5	.5	1.3	1.4	1.7	1.1	.4		.1							128	130	5	
56/ 55	.1	.4	1.2	1.6	1.3	2.5	1.8	.5	.4	.1								179	179	26	3
54/ 53	.1	.1	1.5	1.7	2.6	2.2	1.4	.7	.5	.1								197	197	60	7
52/ 51	.1	.9	1.2	1.4	2.6	1.7	1.2	.6	.2									179	179	79	29
50/ 49	.1	1.2	1.6	2.3	2.5	2.2	.7	.7	.1									205	205	182	37
48/ 47	.1	1.4	1.9	2.3	2.8	1.5	.7	.3	.1									199	199	194	66
46/ 45	.2	1.0	1.5	2.0	1.4	.3	1.2	.2										139	141	249	90
44/ 43		.7	1.4	1.4	.8	.9	.3	.1										101	102	244	111
42/ 41	.2	.8	.8	.9	.6	.9	.3											80	83	210	107
40/ 39	.1	.9	.4	.9	.3	.6		.1										61	61	199	148
38/ 37		.4	.4	.4	.5	.2												34	36	134	141
36/ 35	.1		.3	.3	.3	.1												20	21	67	169
34/ 33		.1	.4	.2	.1													13	13	72	146
32/ 31																				43	124
30/ 29																				32	116
28/ 27																				11	73
26/ 25																				3	94
24/ 23																					87
22/ 21																					40
20/ 19																					29
18/ 17																					31
16/ 15																					26
14/ 13																					30
12/ 11																					35
10/ 9																					20
8/ 7																					17
6/ 5																					21
4/ 3																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 43-60,62-74 (YEARS) FEB (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					5
-4/ -5																					1
TOTAL	.8	8.2	13.4	16.5	18.4	17.8	12.3	6.8	3.8	1.4	.6							1810	1822	1810	1810

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.	5878549	96753	53.5	19.764	1810							
Dry Bulb	4839091	93055	51.1	6.892	1822			.6				84
Wet Bulb	3446240	78262	43.2	5.868	1810		4.1					84
Dew Point	2179224	59802	33.0	10.603	1810	.0	35.1					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-60,64-65,73-74 — YEARS
MAR — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71										.1								1	1		
70/ 69								.2	.1	.2								9	9		
68/ 67					.1	.1	.2	.1	.1	.1	.1							11	11		
66/ 65					.1	.2	.2		.3	.2	.1	.1						21	21		
64/ 63					.2	.3	.4	.6	.4	.3	.1							43	43		
62/ 61				.2	.3	1.1	.7	1.1	.7	.3	.1							83	83		
60/ 59		.2	.2	.3	.6	1.0	1.2	1.3	.4	.3								102	102	3	
58/ 57		.1	.3	.6	.9	2.1	1.7	1.9	1.1	.3	.1							169	169	9	3
56/ 55		.5	.7	1.0	2.3	2.4	2.2	1.5	.7	.3								216	217	22	4
54/ 53	.1	.5	1.2	1.7	2.4	2.7	2.4	.8	.2									222	222	47	4
52/ 51	.1	.5	1.0	2.5	1.8	3.0	1.5	.7	.5									215	216	89	25
50/ 49	.1	.6	1.6	2.1	2.8	2.8	.9	.1										204	204	139	36
48/ 47	.1	1.1	1.2	1.3	2.1	1.9	.6	.2										159	159	217	36
46/ 45		1.8	1.5	2.1	1.7	1.0	.2	.1										155	155	263	75
44/ 43	.2	1.3	.9	.9	1.3	.3	.1											93	93	283	99
42/ 41	.2	.8	.7	1.0	1.0	.2												73	73	297	155
40/ 39		.8	.5	.8	.5	.1												49	49	200	168
38/ 37		.2	.1	.3	.5	.1												22	22	130	125
36/ 35			.2	.2	.1													9	9	82	158
34/ 33		.1	.1	.1	.1													5	5	43	145
32/ 31																				19	160
30/ 29																				14	134
28/ 27																				4	93
26/ 25																					104
24/ 23																					93
22/ 21																					77
20/ 19																					37
18/ 17																					35
16/ 15																					22
14/ 13																					20
12/ 11																					17
10/ 9																					8
8/ 7																					5
6/ 5																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-60,64-65,73-74 — YEARS
MAR — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					7
2/ 1																					4
0/ -1																					2
-2/ -3																					3
-4/ -5																					2
-12/-13																					1
TOTAL	.6	8.5	10.1	15.3	18.8	19.2	12.2	8.3	4.5	1.9	.4	.1						1861	1863	1861	1861

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5770020	97206	52.2	19.297	1861
Dry Bulb	5082034	96548	51.8	6.494	1863
Wet Bulb	3586209	81119	43.6	5.201	1861
Dew Point	2216476	61644	33.1	9.688	1861

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			1.0				93
Wet Bulb		1.8					93
Dew Point	.4	41.4					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69							.1			.0								3	3		
68/ 67							.0		.0									2	2		
66/ 65					.1	.1	.0		.2		.0							11	11		
64/ 63					.2	.1	.0	.2	.1	.1	.0							19	19		
62/ 61				.0	.3	.1	.1	.2	.1	.1	.0							26	26		
60/ 59		.1	.0	.3	.2	.2	.4	.3	.6	.1	.0							52	52		
58/ 57	.0	.2	.3	.3	.9	.8	1.1	1.0	.2	.0								105	105	10	3
56/ 55		.5	.4	.7	1.0	1.4	1.8	1.6	.5	.0								171	172	14	4
54/ 53		.4	.6	1.3	2.5	1.7	2.2	1.2	.2									215	215	36	6
52/ 51		.5	1.4	2.1	2.0	1.9	1.6	.7	.1									223	223	45	16
50/ 49	.2	.8	1.7	2.6	3.3	2.5	1.1	.5	.1									276	276	89	43
48/ 47	.0	.9	2.4	2.6	3.3	2.2	.6	.4	.0									273	273	148	37
46/ 45		1.5	2.0	3.3	2.6	1.2	.4	.1										242	242	265	65
44/ 43	.3	1.7	1.6	1.7	1.7	.8	.1	.0										171	171	310	102
42/ 41	.1	1.2	1.8	1.1	1.3	.5	.0											130	130	345	113
40/ 39	.1	1.1	1.2	1.2	.6	.0												92	92	287	174
38/ 37	.0	1.3	.6	1.0	.2	.1												71	71	242	159
36/ 35		.4	.5	.5	.1	.0												32	32	160	197
34/ 33		.3	.4	.6	.0													27	27	97	178
32/ 31	.0	.1	.2	.1														10	10	57	188
30/ 29		.0		.0	.0													3	3	29	152
28/ 27		.1																2	2	15	119
26/ 25		.0		.0														2	2	5	158
24/ 23																				3	107
22/ 21																				1	100
20/ 19																					65
18/ 17																					55
16/ 15																					29
14/ 13																					18
12/ 11																					20
10/ 9																					13
8/ 7																					17
6/ 5																					12
4/ 3																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					3
0/ -1																					3
TOTAL	.9	11.0	15.0	19.6	20.6	13.7	9.7	6.3	2.4	.5	.2							2158	2159	2158	2159

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.	7615139	121045	56.1	19.596	2159							
Dry Bulb	5185575	104879	48.6	6.487	2159		.7	.2				93
Wet Bulb	3780270	89560	41.5	5.422	2158		4.7					93
Dew Point	2409170	69154	32.0	9.485	2159	.1	45.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71											.0							1	1		
70/ 69											.0							1	1		
68/ 67							.0		.0	.1	.1							10	10		
66/ 65						.1		.2	.1	.2								17	17		
64/ 63					.1	.1	.2	.1	.4	.3	.0							32	32		
62/ 61				.2	.2	.3	.3	.5	.7	.3								66	66		
60/ 59		.2	.0	.1	.3	.3	.7	.8	.4	.1	.0							85	85		
58/ 57		.1	.2	.3	.8	.8	1.0	1.4	.3	.3								139	139	6	1
56/ 55		.5	.6	.8	1.3	1.3	1.7	.8	.5	.0								202	202	17	6
54/ 53	.0	.3	.5	1.5	1.8	2.1	1.8	1.0	.1	.1								252	252	37	11
52/ 51	.1	.3	1.2	1.5	2.7	1.5	2.3	.6	.1									280	280	72	24
50/ 49	.0	.8	1.6	2.8	2.1	1.9	1.0	.5										292	292	109	36
48/ 47		1.1	2.5	2.8	2.5	1.4	.7	.3	.0									305	305	229	38
46/ 45	.1	1.4	2.1	3.2	1.8	1.7	.5	.3										301	301	323	72
44/ 43		1.4	2.0	1.8	1.4	.7	.4											208	208	408	117
42/ 41	.1	1.2	1.8	1.1	1.0	.7	.3											171	171	385	150
40/ 39	.1	.9	1.3	1.1	.7	.2												115	115	345	227
38/ 37	.1	1.3	.9	1.1	.3	.2												103	103	256	188
36/ 35	.0	.8	.7	.5	.2	.1												62	62	208	277
34/ 33	.0	.3	.4	.4	.1													34	34	123	234
32/ 31	.1	.0	.3	.1	.1													16	16	105	213
30/ 29			.1															3	3	40	203
28/ 27		.1		.0														3	3	27	176
26/ 25		.1		.1														4	4	6	161
24/ 23		.0	.0															2	2	4	138
22/ 21																				2	131
20/ 19																				2	59
18/ 17																					73
16/ 15																					45
14/ 13																					26
12/ 11																					29
10/ 9																					26
8/ 7																					17
6/ 5																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 2

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
4/ 3																					7
2/ 1																					6
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
TOTAL	.7	10.8	16.4	19.4	17.2	13.4	11.0	6.7	2.7	1.4	.3								2704		2704
																		2704		2704	

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.	9393807	150185	55.5	19.731	2704							
Dry Bulb	6537435	131583	48.7	7.049	2704		1.0	.4				93
Wet Bulb	4727408	112030	41.4	5.636	2704		6.4					93
Dew Point	2978795	85031	31.8	9.455	2704	.1	45.5					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																.0		1	1		
86/ 85															.1	[illegible]		3	3		
84/ 83													.0	.0	.0	.0		4	4		
82/ 81													.1	.2	.1	.0	.0	13	13		
80/ 79									.0	.0		.1	.2	.4	.1			26	26		
78/ 77									.1	.1	.1	.2	.7	.3	.2			48	48		
76/ 75									.1	.1	.6	1.0	1.0	.3	.1			93	93		
74/ 73						.0		.1	.2	.4	.7	1.5	.8	.1				110	110		
72/ 71							.1	.3	.8	.5	1.6	1.4	.5	.1				151	151		
70/ 69							.2	.6	1.7	1.7	1.9	.7	.1					195	195		
68/ 67						.1	.5	.8	1.4	1.7	1.8	.7	.1					208	208		
66/ 65				.0	.0	.3	1.0	1.4	2.5	2.0	1.2	.3						255	255		
64/ 63			.0	.1	.1	.7	1.8	1.8	1.8	1.4	.6	.2						246	246	3	
62/ 61			.0	.4	.5	1.3	2.2	1.8	1.5	1.4	.3	.0						273	273	3	
60/ 59		.1	.1	.4	1.0	1.5	2.0	1.7	1.1	.9	.2							260	260	13	1
58/ 57		.1	.2	.5	1.0	1.6	1.3	1.5	.8	.2	.0							211	211	59	2
56/ 55		.0	.3	.5	1.2	1.8	1.2	1.0	.6	.3								198	199	162	6
54/ 53	.0	.0	.5	1.1	1.5	1.2	.5	.2	.5	.0								182	182	306	10
52/ 51	.1	.1	.7	1.3	.8	.7	.5	.4	.3									141	141	438	27
50/ 49		.1	1.0	1.0	.6	.5	.7	.2	.0									120	120	469	46
48/ 47	.0	.3	.8	.4	.3	.3	.2	.1										71	71	429	69
46/ 45	.0	.4	.5	.2	.2	.1	.1											48	48	403	112
44/ 43	.0	.1	.1	.2	.1	.0	.1											20	20	248	169
42/ 41	.0	.1	.1															6	6	152	215
40/ 39			.1		.1	.0												6	6	112	235
38/ 37	.0	.1				.0												5	5	59	249
36/ 35																				26	223
34/ 33			.0		.0													2	2	9	222
32/ 31																				2	229
30/ 29																				2	197
28/ 27																					158
26/ 25																				1	158
24/ 23																					120
22/ 21																					107

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					74
18/ 17																					67
16/ 15																					53
14/ 13																					43
12/ 11																					32
10/ 9																					20
8/ 7																					22
6/ 5																					13
4/ 3																					7
2/ 1																					1
0/ -1																					3
-2/ -3																					2
-4/ -5																					3
-6/ -7																					1
TOTAL	.3	1.3	4.6	6.1	7.5	10.2	12.5	12.6	13.3	10.7	9.0	6.1	3.5	1.6	.6	.1	.0	2896	2897	2896	2896

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	5073169	108745	37.6	18.490	2896
Dry Bulb	11261361	179005	61.8	8.324	2897
Wet Bulb	6792635	139543	48.2	4.875	2896
Dew Point	3381853	94697	32.7	9.928	2896

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			27.4	9.6	1.1		93
Wet Bulb		.2					93
Dew Point	.3	42.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93																	.0	1	1		
92/ 91																	.1	3	3		
90/ 89																.1	.3	10	10		
88/ 87												.0		.0	.3	.2	.3	24	24		
86/ 85														.2	.7	.7	.2	54	54		
84/ 83													.3	.7	1.1	.7	.1	82	82		
82/ 81											.1	.2	.6	1.3	1.1	.4	.1	111	111		
80/ 79								.0		.2	.4	.9	1.5	2.4	1.0	.2		193	193		
78/ 77							.0	.0	.0	.2	.6	2.1	1.9	2.0	.4			214	214		
76/ 75									.2	.7	1.1	2.7	2.3	.9	.0			230	230		
74/ 73								.1	.6	1.0	2.0	1.9	1.5	.7				229	229		
72/ 71							.0	.3	.8	2.3	2.2	1.5	1.3	.2	.1			253	253		
70/ 69							.2	.8	1.7	2.1	1.7	1.4	.7	.1				253	253		
68/ 67						.1	.7	.9	1.9	1.4	1.4	.9	.1					213	213		
66/ 65					.1	.3	.4	1.4	1.7	1.0	1.2	.5	.1					195	195	3	
64/ 63				.0	.1	.5	.8	1.5	.8	.8	.8	.2	.1					164	164	2	
62/ 61			.1	.0	.2	.7	.8	.8	1.4	1.1	.3	.1						157	157	15	
60/ 59		.1	.0	.2	.3	1.0	1.4	1.1	.7	.5	.1							161	161	77	1
58/ 57			.2	.2	.4	.8	.8	.6	.5	.5	.1							114	114	218	4
56/ 55			.0	.5	.6	.4	.5	.2	.4	.1								82	82	397	2
54/ 53		.0	.0	.4	.4	.2	.4	.3	.2									56	56	512	7
52/ 51		.1	.2	.4	.1	.3	.1	.1	.1									39	39	479	12
50/ 49		.1	.4	.3	.2	.2	.0	.1										36	36	401	38
48/ 47	.0	.2	.2	.1	.0	.0												19	19	290	66
46/ 45		.2	.1		.0		.0											11	11	250	92
44/ 43	.0	.1	.1															6	6	128	129
42/ 41			.0															1	1	80	158
40/ 39		.0																1	1	45	207
38/ 37																				12	229
36/ 35																				2	266
34/ 33																				1	235
32/ 31																					197
30/ 29																					203
28/ 27																					168

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					190
24/ 23																					121
22/ 21																					142
20/ 19																					84
18/ 17																					100
16/ 15																					81
14/ 13																					46
12/ 11																					39
10/ 9																					25
8/ 7																					28
6/ 5																					12
4/ 3																					12
2/ 1																					9
0/ -1																					4
-4/ -5																					1
-6/ -7																					2
-8/ -9																					1
-10/-11																					1
TOTAL	.1	1.0	1.3	2.1	2.4	4.4	6.2	8.3	11.0	11.8	11.9	12.5	10.4	8.6	4.7	2.3	1.0	2912	2912	2912	2912

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2947473	80299	27.6	15.843	2907
Dry Bulb	14271576	202164	69.4	9.013	2912
Wet Bulb	7660958	148736	51.1	4.681	2912
Dew Point	3123149	90657	31.1	10.165	2912

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			59.7	36.8	12.5	.0	93
Wet Bulb							93
Dew Point	.3	46.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93																	.0	1	1		
92/ 91																	.3	8	8		
90/ 89													.0		.1	.4	.5	27	27		
88/ 87												.0	.0	.0	.3	.8	.7	54	54		
86/ 85													.0	.3	.7	1.1	.7	80	80		
84/ 83											.0	.1	.4	.7	1.6	1.0	.2	115	115		
82/ 81											.2	.2	1.5	2.3	2.1	.7	.1	200	200		
80/ 79									.0	.1	.3	.7	1.6	2.8	1.6	.2		208	208		
78/ 77								.1	.0	.4	.8	1.7	2.5	2.0	.6			225	225		
76/ 75									.2	.5	1.5	1.9	2.2	1.9	.2			242	242		
74/ 73						.0		.1	.4	.9	2.0	3.0	1.8	.7	.2			257	257		
72/ 71					.0		.1	.1	.8	1.5	1.7	1.5	1.2	.2				201	201		
70/ 69							.1	.4	.9	2.2	1.5	1.1	.4					187	187		
68/ 67						.1	.5	.5	2.2	1.8	1.4	1.1	.2	.1				221	221	1	
66/ 65						.2	.4	.5	1.6	.9	.8	.5	.1					143	145	1	
64/ 63					.2	.4	.4	.8	1.3	.7	.7	.3						137	137	8	
62/ 61			.1	.1	.3	.2	.8	1.0	1.2	.8	.6	.0						145	145	19	
60/ 59	.0	.0		.2	.2	.5	.7	.7	.5	.5	.2							103	103	113	1
58/ 57	.0		.0	.1	.4	.3	.6	.7	.3	.4								81	81	234	3
56/ 55		.1	.2	.3	.2	.5	.2	.2	.2	.1								57	57	420	4
54/ 53		.1	.2	.4	.2	.2	.3	.2	.2									50	50	529	6
52/ 51		.0	.2	.4	.2	.1	.0	.1	.0									28	28	446	17
50/ 49		.1	.5	.2	.1		.0	.1										29	29	380	29
48/ 47	.0	.3	.2	.1	.0													17	17	247	48
46/ 45		.2		.0														6	6	212	84
44/ 43																				109	104
42/ 41			.0															1	1	66	121
40/ 39		.1																2	2	26	157
38/ 37																				14	199
36/ 35																					230
34/ 33																					233
32/ 31																					232
30/ 29																					196
28/ 27																					167

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					191
24/ 23																					176
22/ 21																					116
20/ 19																					102
18/ 17																					112
16/ 15																					93
14/ 13																					56
12/ 11																					50
10/ 9																					33
8/ 7																					31
6/ 5																					8
4/ 3																					12
2/ 1																					2
0/ -1																					3
-2/ -3																					4
-4/ -5																					2
-6/ -7																					1
TOTAL	.1	.9	1.3	1.7	2.1	2.3	4.3	5.5	9.9	10.8	11.9	12.3	12.0	11.1	7.4	4.2	2.4		2827		2823
																		2825		2825	

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.	2426752	70342	25.0	15.428	2817							
Dry Bulb	14668546	201958	71.4	9.232	2827			66.6	46.6	19.7	.0	93
Wet Bulb	7587787	145823	51.6	4.632	2825			.0				93
Dew Point	2843353	84907	30.1	10.131	2823	.3	52.3					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89																	.1	3	3		
88/ 87														.0	.0	.1		4	4		
86/ 85														.0	.2	.2	.1	15	15		
84/ 83													.0	.4	.1	.2		18	18		
82/ 81												.2	.3	.6	.5	.2	.0	45	45		
80/ 79											.0	.4	1.0	.7	.5	.2		71	71		
78/ 77										.2	.4	.7	1.2	.8	.2			90	90		
76/ 75									.1	.3	.8	1.7	1.1	.7	.0			121	121		
74/ 73								.0	.4	1.3	1.2	1.7	1.1	.4				155	155		
72/ 71					.0		.1	.4	.7	.9	2.0	2.2	.7	.1	.0			181	181		
70/ 69						.1	.3	.8	1.6	2.3	2.0	1.4	.2					221	221		
68/ 67					.1	.1	.5	1.1	2.1	2.8	1.7	.6	.1					228	228		
66/ 65	.0				.0	.2	1.1	1.9	2.1	2.0	1.0	.4	.1					224	224	1	
64/ 63					.2	.6	1.7	2.0	2.2	1.3	.4	.2						216	216	1	
62/ 61			.0	.2	.6	.7	1.3	1.6	1.5	1.1	.2							182	182	5	
60/ 59		.1	.0	.1	.6	1.0	1.6	2.1	1.4	.5	.1							194	194	35	2
58/ 57		.0	.2	.4	.5	.9	1.1	1.4	.6	.4								141	141	106	2
56/ 55		.2	.2	.5	.8	.7	1.1	.7	.7	.0								126	126	214	1
54/ 53		.0	.3	.5	.6	.6	.5	.4	.2	.0								81	81	360	12
52/ 51		.0	.4	.5	.7	.6	.4	.4	.0									78	78	413	21
50/ 49		.2	.7	.2	.3	.2	.4	.2										57	57	413	37
48/ 47		.3	.5	.2	.1	.2	.2	.1										40	40	341	45
46/ 45		.7	.4		.0	.0	.1	.0										34	34	260	108
44/ 43		.1	.0	.0		.0	.0											7	7	197	119
42/ 41			.2															4	4	91	173
40/ 39				.1														2	2	56	194
38/ 37																				27	200
36/ 35																				10	192
34/ 33																				7	202
32/ 31																				1	207
30/ 29																					208
28/ 27																					151
26/ 25																					140
24/ 23																					121

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					103
20/ 19																					74
18/ 17																					66
16/. 15																					56
14/ 13																					31
12/ 11																					22
10/ 9																					21
8/ 7																					17
6/ 5																					5
4/ 3																					4
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
-12/-13																					1
TOTAL	.0	1.9	2.9	2.8	4.7	6.0	10.4	13.1	13.6	13.0	9.8	9.5	5.8	3.8	1.6	.9	.3	2538	2538	2538	2538

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	3526089	83717	33.0	17.361	2538
Dry Bulb	10968438	165370	65.2	8.729	2538
Wet Bulb	6293318	125698	49.5	4.779	2538
Dew Point	2878753	81925	32.3	9.609	2538

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum							
Dry Bulb			42.2	19.1	4.2		93
Wet Bulb		.0					93
Dew Point	.1	45.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
80/ 79														.0				1	1		
76/ 75												.0	.1					3	3		
74/ 73								.0	.1	.1	.0	.1	.1					12	12		
72/ 71								.1	.1	.4	.3	.2	.1	.0				28	28		
70/ 69						.0	.0	.2	.2	.7	.8	.3	.0					52	52		
68/ 67						.1	.4	.7	.8	.7	.5	.1	.0					71	71		
66/ 65				.0	.0	.2	.7	.8	1.3	1.0	1.2	.1						116	116		
64/ 63				.1	.2	.9	.8	2.2	2.0	1.8	.3							178	178		
62/ 61			.0	.2	.6	1.4	1.9	2.0	1.5	1.0	.4							193	193		
60/ 59		.1		.3	.8	2.4	2.7	2.2	1.8	.4	.2							235	235	5	
58/ 57		.1	.3	.7	1.9	2.7	2.6	2.6	1.1	.4	.1							267	267	20	4
56/ 55		.3	.7	.9	2.0	1.9	3.1	1.1	.6	.2								232	232	37	
54/ 53	.1	.1	.3	1.7	1.0	1.9	1.7	1.0	.4	.0								179	179	120	10
52/ 51	.0	.1	.9	1.1	1.1	2.0	1.1	.7	.1									154	154	188	17
50/ 49		.2	1.4	.9	1.0	1.6	.7	.5										137	137	299	36
48/ 47		.8	1.3	1.4	.8	.9	.4											123	123	367	47
46/ 45		.9	1.0	.6	.7	.9	.2											91	91	325	94
44/ 43	.1	.6	.4	.2	.4	.4	.0											46	46	300	153
42/ 41	.0	.1	.1	.2	.1	.2												18	18	214	156
40/ 39		.0		.1	.1	.2												9	9	125	174
38/ 37		.1		.0														3	3	79	167
36/ 35					.0													1	1	44	171
34/ 33																				13	142
32/ 31																				9	156
30/ 29																				3	165
28/ 27																				1	125
26/ 25																					111
24/ 23																					107
22/ 21																					90
20/ 19																					65
18/ 17																					40
16/ 15																					34
14/ 13																					29
12/ 11																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-45,47-74 — YEARS
MAR — MONTH

PAGE 2

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					14
8/ 7																					16
6/ 5																					6
4/ 3																					6
2/ 1																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	.3	3.5	6.5	8.4	10.9	17.9	16.5	14.2	9.9	6.7	3.8	.9	.4	.1					2149		2149
																		2149		2149	

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.	4904845	94445	43.9	18.737	2149							
Dry Bulb	7046804	122160	56.8	6.912	2149			7.2	.7			93
Wet Bulb	4596608	98842	46.0	4.845	2149		.6					93
Dew Point	2536155	70833	33.0	9.684	2149	.1	42.3					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,64-65,73-74 — YEARS
APR — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81												.1						1	1		
80/ 79													.1					1	1		
78/ 77										.2			.1	.1				6	6		
76/ 75									.2	.1	.2	.1	.1					10	10		
74/ 73									.3	.3	.5	.3	.2					29	29		
72/ 71								.1	.5	.8	1.5	.3	.1					61	61		
70/ 69					.1	.2	.2	.5	1.1	1.5	1.3	.8	.2					111	111		
68/ 67					.3	.2	.5	1.0	1.8	2.3	.8	.3	.1					137	137		
66/ 65				.1	.1	.2	1.3	1.9	2.5	2.1	1.1	.1						178	178		
64/ 63				.1	.3	.8	1.7	2.5	3.8	1.5	.2	.1						209	209		
62/ 61			.2	.3	.6	.7	2.2	3.2	2.7	.5	.2							199	199	2	
60/ 59		.2	.1	.3	.7	2.6	3.4	2.9	1.6	.2								229	229	22	
58/ 57		.1	.5	.4	.7	2.1	2.3	1.9	.8									166	166	30	6
56/ 55		.1	.5	.4	1.4	2.4	1.8	1.2	.5									157	157	74	8
54/ 53		.2	.5	.7	.8	1.4	1.7	.9										117	117	138	18
52/ 51		.8	.7	.6	.7	1.1	1.3	.4										105	105	246	17
50/ 49		.3	.5	.6	.7	1.0	.6	.2										74	74	323	27
48/ 47		.3	.7	.3	.3	1.1	.3	.1										57	57	372	64
46/ 45		.2	.4	.2	.3	.2	.2	.1										30	30	276	75
44/ 43		.3	.2		.1	.1												11	11	158	74
42/ 41	.1	.2	.1	.1	.1													9	9	125	138
40/ 39	.2																	3	3	83	148
38/ 37																				31	149
36/ 35																				14	170
34/ 33																				4	179
32/ 31																				2	176
30/ 29																					143
28/ 27																					111
26/ 25																					116
24/ 23																					91
22/ 21																					60
20/ 19																					39
18/ 17																					40
16/ 15																					24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,64-65,73-74 — YEARS
APR — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					11
12/ 11																					5
10/ 9																					4
8/ 7																					2
6/ 5																					3
4/ 3																					1
-12/-13																					1
TOTAL	.3	2.5	4.1	4.0	7.1	14.1	17.5	16.9	15.7	9.5	5.7	2.0	.6	.1					1900		1900
																		1900		1900	

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.	3571504	75866	39.9	16.898	1900							
Dry Bulb	6966158	114290	60.2	6.934	1900			16.9	2.2	.0		90
Wet Bulb	4376624	90762	47.8	4.645	1900		.1					90
Dew Point	2309057	64073	33.7	8.838	1900	.0	39.2					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
76/ 75										.1	.0	.0	.0					5	5		
74/ 73									.0	.1	.0							4	4		
72/ 71									.4	.3	.2	.0	.0					21	21		
70/ 69							.1	.2	.2	.3	.3	.1	.1					27	27		
68/ 67						.0	.1	.6	.4	1.0	.6	.2						64	64		
66/ 65				.2	.1	.2	.3	.7	1.2	.9	.2	.0						85	85		
64/ 63				.0	.2	.6	.7	2.0	2.2	1.2	.2							154	154		
62/ 61			.1	.3	.4	1.1	1.8	2.5	2.1	1.1	.1	.0						209	209	1	
60/ 59		.1	.2	.4	.5	1.7	2.3	3.5	1.7	.6	.0							244	244	4	
58/ 57		.2	.1	.6	1.6	1.8	3.0	2.9	1.0	.1								248	248	21	3
56/ 55		.6	.3	.9	1.6	2.6	2.6	1.6	.7									236	236	49	8
54/ 53		.1	.7	.6	1.7	3.2	1.9	.8	.1									198	198	93	12
52/ 51		.5	.6	.5	1.9	2.4	1.9	.8	.2									193	193	125	27
50/ 49		.4	1.1	1.1	1.7	2.3	1.4	.2	.0									180	180	289	32
48/ 47		.5	1.1	.5	1.2	1.6	.7	.1										123	123	306	43
46/ 45		.1	.5	.7	.8	1.2	.3	.1										82	82	402	65
44/ 43		.3	.6	.3	.6	.5	.0	.0										52	52	292	103
42/ 41		.2	.4	.2	.5	.3												35	35	219	111
40/ 39		.2	.0	.1	.3	.1												15	15	173	158
38/ 37	.0		.0	.0	.1	.0												6	6	104	154
36/ 35				.0														1	1	60	181
34/ 33																				27	193
32/ 31																				13	214
30/ 29																				3	170
28/ 27																				1	126
26/ 25																					165
24/ 23																					104
22/ 21																					111
20/ 19																					59
18/ 17																					54
16/ 15																					26
14/ 13																					30
12/ 11																					12
10/ 9																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
47-74 — YEARS
APR — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					8
6/ 5																					1
4/ 3																					4
TOTAL	.0	3.3	5.8	6.6	13.1	19.7	17.1	16.0	10.3	5.7	1.7	.5	.2						2182		2182
																		2182		2182	

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.	4794434	95160	43.6	17.189	2182							
Dry Bulb	6935250	122122	56.0	6.783	2182			5.0	.4			90
Wet Bulb	4533883	98851	45.3	5.051	2182		.7					90
Dew Point	2469485	70673	32.4	9.096	2182		45.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83													.0					1	1		
82/ 81											.0	.0	.1	.0				5	5		
80/ 79										.0	.1	.0	.1	.1				10	10		
78/ 77									.0	.1	.1	.1	.1					11	11		
76/ 75									.2	.1	.4	.4	.2					35	35		
74/ 73							.0		.1	.3	.6	.4	.1	.0				47	47		
72/ 71							.0	.2	.6	.7	.8	.3	.0					72	72		
70/ 69						.0	.1	.3	.9	1.2	.5	.2	.0					88	88		
68/ 67					.1	.2	.3	1.0	1.0	1.4	1.0	.2						142	142		
66/ 65					.2	.2	.6	1.3	2.1	1.4	.4	.1						173	173		
64/ 63				.1	.3	.7	1.3	1.9	1.8	1.1	.4	.1						210	210		
62/ 61		.1	.1	.1	.4	.8	1.9	2.3	1.7	.9	.1							230	230	7	
60/ 59		.0	.3	.4	.5	1.4	1.9	2.2	1.7	.6	.0							246	246	18	
58/ 57			.3	.6	1.0	1.8	2.8	2.6	1.2	.0								280	280	45	3
56/ 55		.1	.2	.7	1.3	1.8	2.9	1.6	.8	.1								256	256	101	7
54/ 53		.1	.3	.7	1.2	1.7	1.8	1.0	.4									196	196	198	13
52/ 51	.0	.3	.6	.8	1.5	1.8	2.0	.8	.2									219	219	262	29
50/ 49		.2	.9	.7	1.3	1.5	1.5	.3	.1									172	172	359	44
48/ 47	.0	.1	.4	.7	.9	1.2	.8	.1										116	116	343	57
46/ 45		.2	.3	.8	.8	.9	.2	.0										95	95	372	78
44/ 43		.3	.1	.3	.7	.4	.1											51	51	323	131
42/ 41		.1	.3	.1	.3	.1	.0											29	29	254	171
40/ 39	.0	.1	.1	.2	.2	.1												19	19	181	185
38/ 37				.1	.0	.0												4	4	134	189
36/ 35			.1	.1	.1													6	6	59	246
34/ 33																				38	234
32/ 31																				13	260
30/ 29																				3	171
28/ 27																				3	169
26/ 25																					199
24/ 23																					152
22/ 21																					128
20/ 19																					72
18/ 17																					68

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-265 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					46
14/ 13																					22
12/ 11																					13
10/ 9																					13
8/ 7																					7
6/ 5																					3
4/ 3																					1
2/ 1																					1
TOTAL	.1	1.7	4.2	6.3	10.8	14.9	18.4	15.7	12.7	8.1	4.5	1.8	.8	.1				2713	2713		2712
																				2713	

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.	5202482	110378	40.7	16.184	2712							
Dry Bulb	9324146	157542	58.1	8.051	2713			13.6	3.6	.4		90
Wet Bulb	5887722	125474	46.2	5.587	2713		.6					90
Dew Point	3086383	88183	32.5	8.989	2712		44.0					90

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
94/ 93																.0	.1	5	5		
92/ 91													.0		.1	.2	.2	18	18		
90/ 89													.1	.1	.1	.7	.3	36	36		
88/ 87											.0	.2	.0	.1	.6	.6	.3	56	56		
86/ 85										.0	.0	.1	.2	.8	1.1	.4	.0	81	81		
84/ 83									.0	.1	.2	.3	.6	1.5	1.1	.3	.1	119	119		
82/ 81									.0	.0	.1	.7	1.4	1.6	1.0	.4	.1	154	154		
80/ 79								.0		.2	.4	1.3	2.3	1.9	.6	.2		199	200		
78/ 77								.0	.2	.5	1.4	1.9	1.8	1.2	.4	.2		217	217		
76/ 75							.0	.1	.2	.8	2.3	2.7	2.2	.6	.4			267	267		
74/ 73						.0	.0	.2	.5	1.7	1.7	2.0	1.7	.5	.1			240	240		
72/ 71						.1	.1	.4	1.2	1.7	2.0	2.2	.7	.2				253	253		
70/ 69					.1	.1	.5	.6	1.6	1.6	2.0	1.4	.6					242	242		
68/ 67				.0		.2	.5	.9	1.3	1.7	1.9	.6	.1					211	211	5	
66/ 65					.1	.3	.5	1.2	1.3	1.5	.8	.1						167	167	20	
64/ 63				.1	.1	.2	.8	1.4	1.2	1.1	.5	.1						158	158	27	
62/ 61		.0		.0	.3	.7	.9	.8	1.4	.7	.2							144	144	64	
60/ 59				.1	.1	.6	.7	.8	.7	.3	.1							101	101	193	2
58/ 57			.1	.2	.3	.3	.6	.7	.4		.1							74	74	315	5
56/ 55		.0	.1	.2	.1	.3	.5	.5	.1	.1								55	55	434	11
54/ 53		.1	.1	.2	.5	.2	.3	.1	.0	.0								48	48	427	20
52/ 51	.0	.2	.1	.1	.1	.2	.1											21	21	445	43
50/ 49	.0	.0	.1	.1	.1	.1	.0											14	14	352	45
48/ 47			.1	.0														3	3	270	71
46/ 45		.1																3	3	178	88
44/ 43		.0	.0															2	2	106	145
42/ 41																				36	184
40/ 39																				10	224
38/ 37																				6	249
36/ 35																					224
34/ 33																					221
32/ 31																					267
30/ 29																					213
28/ 27																					183

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					202
24/ 23																					152
22/ 21																					124
20/ 19																					78
18/ 17																					48
16/ 15																					35
14/ 13																					23
12/ 11																					15
10/ 9																					7
8/ 7																					3
6/ 5																					3
4/ 3																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	.1	.5	.7	1.0	1.7	3.4	5.5	7.8	10.2	12.0	13.8	13.5	11.8	8.4	5.6	3.0	1.1	2888	2889	2888	2888

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.	2597387	77411	26.8	13.452	2888							
Dry Bulb	15091153	207253	71.7	8.789	2889			65.4	43.4	17.7	.2	90
Wet Bulb	8048156	151800	52.6	4.896	2888			.2				90
Dew Point	3423363	95987	33.2	8.985	2888	.1	42.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.1	2	2		
98/ 97																	.4	12	12		
96/ 95														.1	.1	.1	1.3	48	48		
94/ 93														.1	.1	.2	2.2	75	75		
92/ 91													.1	.1	.3	1.1	2.2	112	112		
90/ 89												.1	.1	.4	.7	1.8	2.0	149	149		
88/ 87											.1	.1	.1	1.0	1.6	2.1	1.3	184	184		
86/ 85										.0	.0	.1	.3	1.2	2.3	2.5	1.0	217	217		
84/ 83										.1	.1	.2	1.6	2.2	2.5	1.6	.6	260	260		
82/ 81								.0		.1	.2	.7	1.6	2.3	2.2	.7	.4	240	240		
80/ 79								.0	.1	.2	.6	1.7	1.8	2.7	1.6	.6	.0	265	265		
78/ 77									.1	.5	.9	2.0	2.1	2.1	.6	.1		243	243		
76/ 75								.2	.2	.5	1.1	1.8	1.9	1.1	.1			199	199		
74/ 73							.1	.1	.5	.8	1.2	1.2	1.3	.4	.3			173	173		
72/ 71					.0	.0	.1	.3	.5	.6	1.2	1.4	.5	.1				141	141		
70/ 69						.0	.1	.3	.8	1.1	1.3	.8	.3					138	138	10	
68/ 67						.1	.1	.3	.8	.7	1.1	.4	.1					108	108	21	
66/ 65						.0	.3	.5	.8	.9	.7	.3						102	102	23	
64/ 63				.0	.1	.1	.2	.2	.5	.7	.2	.1						65	65	64	
62/ 61					.1	.3	.2	.4	.5	.2	.0	.0						55	56	206	2
60/ 59			.0	.1	.1	.2	.2	.5	.4		.1							48	48	367	3
58/ 57			.1	.1	.2	.1	.2	.2										24	24	430	4
56/ 55		.0	.1	.2	.1		.0											12	12	474	16
54/ 53		.0	.1	.0	.0													5	5	433	21
52/ 51		.1	.1	.1		.0												9	9	355	30
50/ 49			.1			.0												3	3	228	37
48/ 47			.0	.0														2	2	145	41
46/ 45		.1																2	2	96	88
44/ 43		.0																1	1	34	116
42/ 41																				6	135
40/ 39																				2	202
38/ 37																					203
36/ 35																					218
34/ 33																					226

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																					260
30/ 29																					234
28/ 27																					216
26/ 25																					238
24/ 23																					200
22/ 21																					152
20/ 19																					106
18/ 17																					51
16/ 15																					45
14/ 13																					20
12/ 11																					17
10/ 9																					5
8/ 7																					3
6/ 5																					2
4/ 3																					1
2/ 1																					1
-4/ -5																					1
TOTAL		.2	.4	.6	.7	1.1	1.5	3.2	5.3	6.4	9.1	11.0	11.9	14.0	12.3	10.9	11.5		2896		2894
																		2894		2894	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1600622	59440	20.5	11.458	2894
Dry Bulb	19118003	227503	78.6	9.199	2896
Wet Bulb	8813189	159103	55.0	4.784	2894
Dew Point	3202850	92724	32.0	8.949	2894

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			79.8	67.7	45.3	4.3	90
Wet Bulb			1.0				90
Dew Point	.0	48.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101																	.0	1	1		
100/ 99																	.2	5	5		
98/ 97														.1	.1	.0	1.1	38	38		
96/ 95												.1			.1		2.5	75	75		
94/ 93													.0	.2	.1	.3	2.9	99	99		
92/ 91													.0	.1	.5	1.2	3.8	158	158		
90/ 89											.1	.1	.1	.3	.6	2.0	3.4	183	183		
88/ 87											.0	.0	.1	.5	1.1	3.5	2.1	208	208		
86/ 85										.0	.1	.0	.7	1.5	2.0	2.9	1.7	251	251		
84/ 83											.1	.4	1.1	1.8	3.1	2.5	1.0	281	281		
82/ 81									.0		.1	.9	1.1	1.9	2.8	.7	.1	214	214		
80/ 79										.2	.4	1.1	2.0	2.8	1.6	.3	.1	240	240		
78/ 77									.1	.3	1.0	1.2	1.9	1.7	.4	.1		186	186		
76/ 75								.1	.3	.7	1.0	1.1	1.5	.9	.1			159	159		
74/ 73							.0	.2	.2	.8	1.3	1.4	1.3	.5	.1			165	165	2	
72/ 71						.0		.2	.3	.7	1.2	1.2	.4	.2				121	121	5	
70/ 69							.1	.1	.5	.7	.9	.9	.4					97	97	9	
68/ 67						.1	.2	.1	.2	.7	1.0	.9	.2					96	96	14	
66/ 65			.0		.0	.1		.2	.4	.9	.5	.1						62	62	22	
64/ 63						.1	.3	.2	.3	.4	.2	.1						44	44	72	2
62/ 61				.0	.1	.2	.2	.4	.4	.2	.1	.0						47	47	230	1
60/ 59			.2	.1		.2	.1	.2	.1	.1	.1							29	29	398	6
58/ 57			.2	.0	.0	.2		.1	.0									18	18	455	5
56/ 55		.1	.1	.1	.1	.0	.0	.0										13	13	489	9
54/ 53			.1	.1	.1		.0											8	8	411	19
52/ 51			.1	.1														4	4	287	25
50/ 49				.0	.0													2	2	173	33
48/ 47		.1	.1	.0														6	6	138	38
46/ 45																				73	70
44/ 43																				19	104
42/ 41																				13	115
40/ 39																					174
38/ 37																					137
36/ 35																					199

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33																					209
32/ 31																					264
30/ 29																					274
28/ 27																					179
26/ 25																					260
24/ 23																					218
22/ 21																					179
20/ 19																					106
18/ 17																					79
16/ 15																					40
14/ 13																					31
12/ 11																					19
10/ 9																					7
8/ 7																					7
6/ 5																					1
TOTAL		.2	.7	.4	.5	.9	.0	1.9	2.8	5.7	8.1	9.5	10.9	12.5	12.5	13.5	18.9		2810		2810
																		2810		2810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1351456	52856	18.8	11.277	2810
Dry Bulb	18405926	225920	80.4	9.287	2810
Wet Bulb	8704222	155830	55.5	4.720	2810
Dew Point	2950797	87491	31.1	8.964	2810

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			82.5	72.5	52.3	7.0	90
Wet Bulb			1.0	.1			90
Dew Point		53.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.0	1	1		
98/ 97																	.0	1	1		
96/ 95													.0	.0			.2	8	8		
94/ 93														.1		.0	.7	20	20		
92/ 91														.0		.3	.9	30	30		
90/ 89														.1	.3	.8	1.1	59	59		
88/ 87											.0	.0	.1	.3	.9	1.4	.5	85	85		
86/ 85										.1	.0	.1	.3	.7	1.2	1.1	.3	99	99		
84/ 83									.0	.1	.1	.4	.9	1.8	1.4	1.2	.3	161	161		
82/ 81										.2	.3	1.0	1.5	2.0	2.3	.3	.2	203	203		
80/ 79								.1		.2	.6	1.5	2.3	2.3	.8	.2		203	203		
78/ 77								.0	.2	.6	1.4	2.3	2.1	1.9	.3	.1		229	229		
76/ 75							.0	.1	.3	1.1	1.7	2.0	2.8	.8	.3			235	235		
74/ 73							.0	.2	.6	2.0	2.3	2.1	1.5	.2	.0			231	231		
72/ 71						.1	.3	.3	1.1	1.2	1.9	1.8	.5	.1				184	184	1	
70/ 69						.1	.3	.4	1.6	1.9	2.1	1.4	.2					205	205	2	
68/ 67				.0	.1	.1	.3	.6	1.1	1.2	1.3	.6	.0					140	140	8	
66/ 65					.1	.1	.6	.7	.8	1.2	.9	.2	.0					118	118	9	
64/ 63				.1		.2	.3	.5	.7	1.2	.5	.1						95	95	30	
62/ 61				.1	.2	.3	.5	.5	.8	.6	.1	.0						81	81	94	
60/ 59			.2	.2	.3	.3	.3	.7	.3	.2								62	62	229	4
58/ 57			.1	.0	.1	.3	.3	.4	.3	.0								42	42	353	6
56/ 55		.1	.1	.3	.1	.2	.2	.2	.1									32	32	436	9
54/ 53		.1	.1	.2	.1	.1		.0										17	17	419	23
52/ 51		.1	.1	.2		.0	.1	.1										14	14	383	36
50/ 49		.1	.2	.1		.0												10	10	226	37
48/ 47		.0	.0															2	2	182	56
46/ 45		.1	.1															4	4	120	78
44/ 43		.0																1	1	53	137
42/ 41																				18	172
40/ 39																				8	181
38/ 37																				1	189
36/ 35																					201
34/ 33																					187

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																					225
30/ 29																					195
28/ 27																					174
26/ 25																					180
24/ 23																					181
22/ 21																					121
20/ 19																					78
18/ 17																					47
16/ 15																					21
14/ 13																					21
12/ 11																					8
10/ 9																					3
8/ 7																					2
TOTAL		.5	.9	1.2	1.0	1.9	3.3	5.1	7.9	11.9	13.3	13.6	12.1	10.3	7.4	5.4	4.4		2572		2572
																		2572		2572	

Elements (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.	1998360	63126	24.5	13.216	2572							
Dry Bulb	14441139	191363	74.4	8.892	2572			73.3	54.8	25.8	1.0	90
Wet Bulb	7461714	138002	53.7	4.715	2572			.4				90
Dew Point	3018804	85086	33.1	8.908	2572		44.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85														.1	.0			3	3		
84/ 83													.0	.1	.1			6	6		
82/ 81											.0	.3	.3	.3	.0			21	21		
80/ 79										.1	.2	.3	.8	.5	.2			45	45		
78/ 77									.2	.5	.3	1.0	.6	.4	.0			66	66		
76/ 75								.1	.4	.3	1.4	2.1	.9	.2	.0			121	121		
74/ 73							.1	.2	.7	.8	1.9	1.6	.9	.2	.0			142	142		
72/ 71							.1	.4	1.2	2.6	2.6	1.8	.5	.0				202	202		
70/ 69						.1	.1	.6	2.1	2.6	2.8	1.1	.2	.1				219	219		
68/ 67				.0	.2	.4	.5	1.8	2.8	2.8	2.0	.4						240	240		
66/ 65				.2	.1	.2	.6	2.3	3.2	2.6	.7	.2	.0					223	223		
64/ 63			.1	.1	.3	.5	.9	2.2	2.1	1.6	.7	.1						192	192	1	
62/ 61		.0	.1	.0	.5	.7	1.5	1.6	2.1	1.0	.0							167	167	21	
60/ 59			.3	.2	.4	.9	1.4	1.6	1.5	.9	.2							160	160	60	
58/ 57		.0	.2	.3	.8	.5	1.5	1.2	1.0	.2								123	123	88	3
56/ 55		.2	.5	.3	.4	.5	.4	1.1	.5	.0								86	86	217	14
54/ 53		.2	.4	.4	.4	.5	1.1	.6	.1									80	80	323	14
52/ 51		.2	.4	.5	.1	.3	.2	.2										41	41	358	34
50/ 49		.1	.3	.1	.1	.3	.3	.1										30	30	385	40
48/ 47			.0		.2	.1		.0										8	8	268	63
46/ 45		.2	.2															9	9	201	88
44/ 43	.0	.0																2	2	133	94
42/ 41	.1																	2	2	85	128
40/ 39																				31	186
38/ 37																				15	161
36/ 35																				2	196
34/ 33																					195
32/ 31																					181
30/ 29																					154
28/ 27																					118
26/ 25																					149
24/ 23																					103
22/ 21																					95
20/ 19																					63

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
APR — MONTH

PAGE 2

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					53
16/ 15																					24
14/ 13																					20
12/ 11																					6
10/ 9																					1
8/ 7																					5
TOTAL	.1	1.0	2.5	2.1	3.6	5.0	8.8	14.4	18.0	16.0	13.0	8.8	4.3	1.9	.5			2188	2188	2188	2188

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.	2883862	71928	32.9	15.410	2188							
Dry Bulb	9583723	143895	65.8	7.419	2188			43.8	16.6	2.2		90
Wet Bulb	5562971	109853	50.2	4.664	2188							90
Dew Point	2639277	73389	33.5	9.014	2188		40.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-61,63-65,68-70,72-74 — YEARS
MAY — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87															.0			1	1		
86/ 85													.0	.1	.2			9	9		
84/ 83												.1	.1	.3	.2			16	16		
82/ 81										.0	.1	.1	.3	.8				29	29		
80/ 79									.1	.1	.2	.6	1.2	.8				62	62		
78/ 77								.0	.1	.5	1.2	1.2	1.2	.1				88	88		
76/ 75							.0	.1	.3	.8	1.9	1.7	1.1					123	123		
74/ 73							.4	.4	.9	1.9	2.4	2.3	.6					184	185		
72/ 71							.3	.6	1.4	3.4	3.5	2.2	.1					236	236		
70/ 69			.0	.1	.1	.2	.0	.8	2.1	4.9	2.9	1.2	.1					257	258		
68/ 67				.0	.0	.1	.2	1.5	4.2	4.3	2.7	.6	.0					283	284		
66/ 65		.1	.1	.2	.1	.1	.7	1.6	3.5	2.0	1.6	.0						212	212	2	
64/ 63			.1	.1	.3	.2	1.2	1.6	2.0	1.7	.7							169	172	12	3
62/ 61			.1		.4	.6	1.0	1.8	1.1	1.1	.4							136	136	32	1
60/ 59			.0	.1	.2	.3	.7	1.4	.5	.4	.1							78	78	65	6
58/ 57		.0	.1	.2	.1	.4	.6	.7	.9									65	66	145	6
56/ 55		.1	.1	.1	.3	.3	.6	.6	.2	.0								50	50	240	17
54/ 53		.1	.1	.1	.2	.1	.4	.6	.0									36	37	335	17
52/ 51		.2		.0	.1	.0	.1	.2										14	15	409	23
50/ 49			.0	.1	.1	.0	.2	.0										12	12	322	36
48/ 47			.0			.0	.1	.0										6	6	214	46
46/ 45						.0												1	1	140	61
44/ 43																				70	84
42/ 41																				52	123
40/ 39																				17	157
38/ 37																				9	171
36/ 35																				3	221
34/ 33																					229
32/ 31																					196
30/ 29																					166
28/ 27																					94
26/ 25																					111
24/ 23																					84
22/ 21																					58

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours w'th Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-61,63-65,68-70,72-74 — YEARS
MAY — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					41
18/ 17																					43
16/ 15																					32
14/ 13																					18
12/ 11																					7
10/ 9																					8
8/ 7																					3
6/ 5																					4
0/ -1																					1
TOTAL		.5	1.0	1.3	2.1	2.6	6.7	12.1	17.4	21.3	17.7	9.9	4.7	2.1	.5				2076		2067
																		2067		2067	

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.	2193706	62016	30.0	12.697	2067							
Dry Bulb	9711329	141293	68.1	6.763	2076			57.8	23.0	4.0		93
Wet Bulb	5498069	106177	51.4	4.615	2067							93
Dew Point	2525640	69828	33.8	8.982	2067	.0	39.0					93

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																.0		1	1		
82/ 81													.1	.1				5	5		
80/ 79										.0		.2	.3	.1				13	13		
78/ 77									.2	.1		.3	.3					22	22		
76/ 75								.2	.1	.4	.5	1.1	.0					55	55		
74/ 73							.1	.1	.2	.6	1.1	.7	.1					67	67		
72/ 71						.0	.3	.3	.9	1.4	1.8	.6						125	125		
70/ 69				.0	.1	.1	.5	.6	1.4	2.2	2.0	.4	.0					171	171		
68/ 67				.1	.1	.1	.3	1.9	3.0	3.4	1.6	.4						252	253		
66/ 65		.1			.3	.1	.7	3.1	4.7	3.5	1.4	.2						328	329		
64/ 63			.1	.1	.1	.3	1.6	3.8	3.6	2.4	.5							291	293	10	1
62/ 61			.2	.1	.2	.5	2.1	3.2	2.9	1.4	.3							254	255	17	2
60/ 59		.1	.2	.1	.5	1.3	1.8	2.6	2.5	1.5								244	245	27	4
58/ 57		.0	.0	.6	.5	.9	1.6	1.4	1.3	.3	.1							156	157	82	6
56/ 55		.0	.1	.2	.3	.7	1.4	1.1	1.0	.0								116	116	102	15
54/ 53		.1	.2	.3	.4	.7	.9	.6	.1									76	76	222	18
52/ 51		.3	.2	.2	.3	.3	.6	.4	.1									58	60	355	22
50/ 49			.0	.3	.3	.3	.5	.2	.1									38	39	467	34
48/ 47		.0	.1	.0	.0	.3	.3	.1										23	23	362	35
46/ 45		.0	.0	.0		.2	.0											9	9	266	59
44/ 43		.0			.0	.2												7	7	177	79
42/ 41					.0	.0												2	2	111	112
40/ 39						.0												1	1	63	170
38/ 37					.0													1	1	30	181
36/ 35																				15	218
34/ 33																				7	250
32/ 31																				1	223
30/ 29																				1	190
28/ 27																					105
26/ 25																					135
24/ 23																					129
22/ 21																					95
20/ 19																					63
18/ 17																					60

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS " ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PAGE 2 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					43
14/ 13																					25
12/ 11																					21
10/ 9																					12
8/ 7																					6
6/ 5																					2
TOTAL		.8	1.3	2.1	3.2	6.2	12.8	19.5	22.1	17.5	9.4	3.8	.9	.2		.0		2315	2325	2315	2315

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3004996	77388	33.4	13.440	2315
Dry Bulb	9416428	147182	63.3	6.534	2325
Wet Bulb	5568184	112978	48.8	4.856	2315
Dew Point	2634703	75167	32.5	9.158	2315

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			28.5	6.5	.5		93
Wet Bulb		.1					93
Dew Point		44.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89															.0	.1		4	4		
88/ 87													.0	.1	.2			10	10		
86/ 85											.0	.1	.1	.1	.2	.0		18	18		
84/ 83											.1	.1	.6	.6	.2	.0		47	47		
82/ 81											.2	.5	.9	.7	.1	.0		71	71		
80/ 79								.0	.0	.2	.9	1.1	2.0	.7		.1		140	140		
78/ 77							.1	.1	.3	.5	1.1	2.2	1.4	.3	.0			168	168		
76/ 75						.0	.1	.1	.4	1.0	2.2	2.2	1.5	.2	.0			217	217		
74/ 73					.0	.1	.1	.5	.4	1.7	2.1	2.0	.4	.2				210	210		
72/ 71					.0	.1	.2	.2	1.4	2.8	2.4	1.6	.3	.1				258	258		
70/ 69			.0	.1	.1	.2	.3	.7	1.9	2.5	2.6	1.1	.1					271	271		
68/ 67		.0		.0	.1	.1	.5	1.1	2.1	3.0	1.5	.2	.0					245	246		
66/ 65				.1	.0	.3	.9	1.5	2.8	2.7	.9	.1						260	261	9	
64/ 63			.1	.1	.1	.3	1.0	1.9	2.0	1.4	.4	.0						204	206	22	2
62/ 61			.0		.2	.5	1.4	1.5	1.8	1.2	.1							194	194	62	2
60/ 59		.1	.1	.1	.5	.5	1.2	1.5	1.4	.4	.1							164	165	139	4
58/ 57			.0	.2	.3	.7	.7	.9	.7	.3	.1							110	111	212	12
56/ 55		.0	.0	.2	.3	.4	.9	.7	.3	.1								83	84	363	18
54/ 53			.1	.0	.1	.4	.5	.4	.0									43	43	382	14
52/ 51	.1	.2	.2	.2	.2	.1	.3	.2	.1									45	46	455	32
50/ 49		.0	.0	.1	.1	.2	.2	.1	.0									20	21	395	44
48/ 47		.1	.1			.2	.2	.0										17	17	301	70
46/ 45				.0		.1												4	4	200	118
44/ 43					.0	.1	.0											4	4	141	145
42/ 41						.0												1	1	59	169
40/ 39						.0												1	1	35	245
38/ 37					.0													1	1	17	253
36/ 35																				13	244
34/ 33																				3	258
32/ 31																				1	261
30/ 29																				1	201
28/ 27																					170
26/ 25																					156
24/ 23																					118

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 2
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
22/ 21																					108
20/ 19																					59
18/ 17																					39
16/ 15																					27
14/ 13																					15
12/ 11																					14
10/ 9																					6
8/ 7																					5
6/ 5																					1
TOTAL	.1	.5	.7	1.1	2.2	4.3	8.6	11.5	15.7	17.8	14.6	11.3	7.4	3.0	.9	.3			2819		2810
																		2810		2810	

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.	3016579	85013	30.3	12.581	2810							
Dry Bulb	13305383	192321	68.2	8.095	2819			54.8	29.2	7.0		93
Wet Bulb	7501253	144443	51.4	5.216	2810		.1					93
Dew Point	3486454	95862	34.1	8.772	2810		39.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101																	.2	6	6		
100/ 99																	.3	9	9		
98/ 97																.1	.6	21	1		
96/ 95														.0	.1	.3	1.3	51	1		
94/ 93														.1	.1	.6	2.0	83	8		
92/ 91													.2	.1	.5	1.1	2.5	129	12		
90/ 89											.0		.5	.7	1.5	2.7	2.4	233	233		
88/ 87											.1	.2	.7	1.6	2.9	3.3	.8	297	287		
86/ 85										.0	.2	.4	1.3	2.3	3.8	1.7	.5	308	308		
84/ 83									.1	.1	.3	.6	2.3	3.2	3.0	1.3	.4	342	342		
82/ 81								.0	.1	.2	.7	1.6	2.7	2.9	1.4	.3	.2	301	301		
80/ 79								.1	.1	.1	.8	2.1	1.9	2.3	.9	.2	.0	254	254		
78/ 77						.0		.1	.2	.4	1.3	1.8	2.0	1.1	.4	.1		222	222		
76/ 75									.2	.8	1.6	1.5	1.4	.4	.1			178	178		
74/ 73							.1	.2	.3	.6	.9	1.5	.9	.2				138	138		
72/ 71							.2	.4	.6	.7	1.1	.9	.3	.1				127	129		
70/ 69							.1	.2	.6	.8	1.0	.5	.1					94	95	2	
68/ 67						.1	.2	.5	.5	.5	.2	.3	.1					67	70	35	
66/ 65					.1	.1	.2	.3	.5	.4	.1	.0						52	52	57	
64/ 63						.1	.3	.4	.2	.1	.0	.0						33	33	167	
62/ 61				.0	.0	.1	.1	.0	.1		.1							16	17	343	2
60/ 59					.1	.1	.1	.0	.1									10	10	528	4
58/ 57			.0	.0	.1	.0		.1										7	7	608	6
56/ 55				.0			.0	.0	.0									4	4	443	19
54/ 53		.1	.0	.0			.0											5	5	341	25
52/ 51		.1																2	2	232	37
50/ 49																				148	71
48/ 47																				46	81
46/ 45																				19	129
44/ 43																				8	177
42/ 41																				1	222
40/ 39																				1	259
38/ 37																					257
36/ 35																					288

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33																					289
32/ 31																					267
30/ 29																					224
28/ 27																					165
26/ 25																					175
24/ 23																					115
22/ 21																					52
20/ 19																					32
18/ 17																					34
16/ 15																					16
14/ 13																					20
12/ 11																					9
10/ 9																					1
8/ 7																					3
TOTAL		.1	.1	.1	.3	.5	1.2	2.4	3.5	4.8	8.4	11.7	14.4	15.0	14.6	11.7	11.2	2979	2986	2979	2979

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.	1497640	60906	20.4	9.206	2979							
Dry Bulb	19976145	243103	81.	853	2986			89.0	79.8	59.8	5.3	93
Wet Bulb	9751010	169960	5	271	2979			1.2				93
Dew Point	3879618	104608	3	.323	2979		34.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
110/109																	.0	1	1		
108/107																	.2	5	5		
106/105																	.4	13	13		
104/103																	1.0	31	31		
102/101																	1.5	46	46		
100/ 99															.0	.1	3.1	95	95		
98/ 97														.0	.1	.2	5.5	173	173		
96/ 95															.3	.6	7.3	243	243		
94/ 93														.2	.6	1.3	8.2	307	307		
92/ 91												.0	.3	.5	1.5	2.7	7.1	356	356		
90/ 89												.1	.1	.9	2.2	3.4	4.7	341	341		
88/ 87											.1	.1	.7	1.0	2.1	3.1	2.2	275	275		
86/ 85									.0		.1	.3	.9	1.7	1.9	2.1	.6	229	229		
84/ 83											.1	.4	1.0	1.4	1.6	1.2	.3	184	184		
82/ 81											.1	.7	1.0	1.3	1.3	.3	.1	146	146		
80/ 79										.1	.6	.9	1.3	.9	.8			139	139		
78/ 77									.1	.2	.6	.7	.8	1.0	.2			107	108		
76/ 75									.2	.2	.5	.9	.8	.5	.1			96	98		
74/ 73								.1	.2	.1	.4	.4	.4	.1				51	51		
72/ 71							.0	.1	.2	.5	.5	.2	.1	.1				49	52	3	
70/ 69						.0	.0	.0	.2	.4	.2	.1						31	31	22	
68/ 67								.1	.1	.2	.1	.1	.1					20	20	69	
66/ 65			.0			.1	.0	.0	.1	.1	.0	.1						14	14	159	
64/ 63		.0		.0		.0				.1								5	5	400	
62/ 61					.1	.1	.0		.1	.0								10	10	566	3
60/ 59			.0		.0	.0		.0										4	4	588	2
58/ 57					.0													1	1	423	3
56/ 55				.0														1	1	324	11
54/ 53			.0															1	1	238	20
52/ 51		.1																2	2	106	33
50/ 49																				53	70
48/ 47																				12	92
46/ 45				.0														1	1	9	110
44/ 43																				4	141

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41																					189
40/ 39																				1	241
38/ 37																					246
36/ 35																					280
34/ 33																					313
32/ 31																					292
30/ 29																					240
28/ 27																					207
26/ 25																					151
24/ 23																					122
22/ 21																					75
20/ 19																					33
18/ 17																					30
16/ 15																					25
14/ 13																					16
12/ 11																					14
10/ 9																					4
8/ 7																					6
6/ 5																					4
4/ 3																					2
2/ 1																					1
TOTAL		.1	.1	.1	.2	.3	.1	.4	1.1	1.9	3.3	5.0	7.5	9.9	12.7	14.9	42.3		2983		2976
																		2977		2977	

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.	962006	48094	16.2	7.881	2976							
Dry Bulb	23288152	262446	88.0	8.149	2983			91.8	88.6	78.8	28.5	93
Wet Bulb	10506023	176405	59.3	4.219	2977			2.9				93
Dew Point	3724174	102236	34.4	8.442	2976		38.2					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/109																	.2	6	6		
108/107																	.4	11	11		
106/105																	1.1	31	31		
104/103																	1.4	41	41		
102/101																	2.7	78	78		
100/ 99															.0		5.4	158	158		
98/ 97															.1	.5	8.8	273	273		
96/ 95														.1	.1	.7	10.1	318	318		
94/ 93													.1	.1	.6	1.9	10.4	375	375		
92/ 91													.1	.3	.7	2.1	7.2	299	299		
90/ 89												.0	.1	.4	1.7	2.5	5.5	296	296		
88/ 87												.1	.3	.8	1.8	2.3	1.5	195	195		
86/ 85										.0		.4	.6	1.0	1.7	1.6	.8	176	176		
84/ 83											.1	.4	.8	1.1	1.5	.9	.1	141	141		
82/ 81										.0	.1	.6	1.1	1.3	1.1	.5		136	136		
80/ 79									.0	.1	.3	.5	1.1	.7	.7	.1		98	99		
78/ 77									.2	.1	.2	.5	1.0	.6	.3	.1		85	87		
76/ 75									.1	.2	.3	.4	.4	.3	.1			52	52		
74/ 73								.0	.1	.5	.5	.2	.2	.1				49	51		
72/ 71								.0	.1	.2	.2	.2	.0					20	21	2	
70/ 69								.0	.1	.2	.0	.1	.1	.0				16	16	37	
68/ 67							.1	.1			.2	.0						11	11	64	
66/ 65						.1		.1		.0	.1							8	8	182	
64/ 63		.0	.0	.0	.0	.0	.0			.0	.0							8	8	424	
62/ 61		.0																1	1	625	1
60/ 59						.0												1	1	571	2
58/ 57				.0	.0													2	2	392	3
56/ 55			.1															2	2	307	7
54/ 53			.0															1	1	160	13
52/ 51																				79	24
50/ 49																				22	57
48/ 47																				18	71
46/ 45																				4	92
44/ 43																				1	96

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41																					127
40/ 39																					214
38/ 37																					264
36/ 35																					304
34/ 33																					315
32/ 31																					304
30/ 29																					278
28/ 27																					186
26/ 25																					167
24/ 23																					104
22/ 21																					85
20/ 19																					56
18/ 17																					29
16/ 15																					28
14/ 13																					17
12/ 11																					14
10/ 9																					5
8/ 7																					8
6/ 5																					11
4/ 3																					4
0/ -1																					2
TOTAL		.1	.1	.1	.1	.2	.1	.2	.6	1.4	2.0	3.4	5.9	6.8	10.4	13.0	55.7		2894		2888
																		2888		2888	

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.	751827	41779	14.5	7.146	2888							
Dry Bulb	23723706	261012	90.2	7.950	2894			92.3	90.7	83.1	41.5	93
Wet Bulb	10375111	172713	59.8	4.002	2888			3.3				93
Dew Point	3406756	96196	33.3	8.377	2888	.1	41.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
108/107																	.1	2	2		
106/105																	.1	4	4		
104/103																	.4	12	12		
102/101																	.8	22	22		
100/ 99																	1.2	32	32		
98/ 97																.1	2.3	64	64		
96/ 95														.0	.1	.2	4.4	126	126		
94/ 93														.1	.4	.9	5.2	176	176		
92/ 91											.0	.0	.1	.4	.6	1.8	4.7	203	203		
90/ 89												.1	.3	.8	1.8	2.7	3.4	239	239		
88/ 87												.3	.7	1.2	2.7	2.5	1.6	240	241		
86/ 85											.2	.5	1.0	2.5	3.4	1.6	.6	262	263		
84/ 83										.1	.3	.7	1.8	2.1	2.6	.6	.3	230	230		
82/ 81		.0							.0	.1	.5	1.8	3.0	1.9	1.4	.5	.1	248	249		
80/ 79									.2	.5	.7	1.5	2.4	1.5	.7	.0		203	203	1	
78/ 77	.0								.1	.4	1.2	1.3	1.5	1.3	.2	.0		164	166	1	2
76/ 75						.0		.1	.2	.5	1.2	1.1	1.1	.3	.1			127	127		
74/ 73					.0	.0	.0	.0	.4	.5	.7	1.0	.7	.1				95	96	1	
72/ 71			.0			.0	.0	.2	.3	.4	1.1	.7	.2					82	83		
70/ 69							.0	.2	.1	.6	.3	.3	.1					45	45	9	
68/ 67			.0			.0	.0	.2	.3	.3	.2	.0						31	32	23	
66/ 65					.1	.0	.0	.1	.2	.2	.1	.0						25	26	96	1
64/ 63			.0					.1	.1	.2	.0							14	14	226	2
62/ 61			.0	.0	.1	.1		.0	.0									8	8	409	1
60/ 59			.0	.0	.0		.0											4	4	531	1
58/ 57			.1		.1	.0		.0										6	6	504	4
56/ 55		.0																1	1	354	14
54/ 53			.1															2	2	226	22
52/ 51																				174	49
50/ 49																				67	59
48/ 47																				31	69
46/ 45																				11	103
44/ 43																				3	123
42/ 41																					186

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					202
38/ 37																					266
36/ 35																					249
34/ 33																					303
32/ 31																					256
30/ 29																					177
28/ 27																					170
26/ 25																					142
24/ 23																					81
22/ 21																					70
20/ 19																					42
18/ 17																					25
16/ 15																					18
14/ 13																					14
12/ 11																					7
10/ 9																					3
8/ 7																					4
6/ 5																					2
TOTAL	.0	.1	.3	.1	.3	.3	.2	1.1	2.1	3.7	6.8	9.6	12.8	12.4	14.0	10.8	25.3	2667	2676	2667	2667

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1148311	49583	18.6	9.217	2667
Dry Bulb	19228725	225779	84.4	8.188	2676
Wet Bulb	9051277	154967	58.1	4.193	2667
Dew Point	3428760	92944	34.8	8.435	2667

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Dry Bulb			90.9	85.3	68.6	15.2	93
Wet Bulb			1.2	.1			93
Dew Point		35.3	.1	.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																	.0	1	1		
96/ 95																	.0	1	1		
94/ 93																	.2	4	4		
92/ 91																.2	.2	9	9		
90/ 89														.1	.2	.7	.1	26	26		
88/ 87											.0		.1	.3	.6	.5	.2	43	43		
86/ 85											.1	.1	.5	.8	1.1	.4	.0	72	72		
84/ 83										.1	.2	.4	.8	1.4	1.0	.4	.1	102	102		
82/ 81										.3	.6	1.1	2.6	2.4	.8	.2	.0	189	189		
80/ 79									.3	.7	1.6	2.2	2.8	2.6	.3	.1		251	251		
78/ 77								.0	.2	.7	2.5	2.6	3.1	1.4		.0		244	245		
76/ 75			.0				.0	.2	.5	1.5	2.8	3.7	2.3	.4	.1			273	274		
74/ 73							.1	.2	.9	2.1	3.7	3.1	1.3	.1	.1			273	274	1	
72/ 71						.1	.2	.3	1.0	2.5	3.0	1.9	.7	.1				230	230		1
70/ 69			.1		.0	.2	.2	.3	2.1	2.4	1.9	1.7						208	209	1	
68/ 67		.0		.0	.0	.2	.4	.7	.9	1.4	1.8	.3	.1					140	141		
66/ 65				.1	.1	.2	.5	.4	1.4	.9	.6	.2						103	104	13	
64/ 63			.0	.0	.0	.0	.1	.5	.7	.5	.3							52	52	31	3
62/ 61			.1			.1	.3	.5	.3	.4	.1	.0						44	44	115	
60/ 59			.1	.0	.2	.2	.3	.3	.3	.2								38	41	205	2
58/ 57			.0	.0	.1	.1	.1	.3	.3	.1								26	26	348	4
56/ 55		.1	.2	.1	.0	.0		.0	.2									15	15	435	13
54/ 53		.0				.0	.0	.0	.1									6	6	473	28
52/ 51							.0											1	1	294	30
50/ 49																				206	51
48/ 47																				131	61
46/ 45																				46	83
44/ 43																				30	119
42/ 41																				15	180
40/ 39																				7	164
38/ 37																					220
36/ 35																					266
34/ 33																					241
32/ 31																					206

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
MAY — MONTH

PAGE 2

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					149
28/ 27																					111
26/ 25																					114
24/ 23																					98
22/ 21																					78
20/ 19																					28
18/ 17																					45
16/ 15																					25
14/ 13																					17
12/ 11																					7
10/ 9																					3
8/ 7																					2
6/ 5																					1
4/ 3																					1
TOTAL		.2	.6	.4	.6	1.2	2.3	3.8	9.1	13.8	19.2	17.3	14.2	9.5	4.3	2.6	.9	2351	2360	2351	2351

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.	1728109	58587	24.9	10.681	2351							
Dry Bulb	13218218	175858	74.5	6.951	2360			81.6	56.8	22.4	.2	93
Wet Bulb	6966006	127566	54.3	4.339	2351			.1	.0			93
Dew Point	2995110	81378	34.6	8.710	2351		35.0	.0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,62-65,68-74 — YEARS
JUN — MONTH
PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.0	1	1		
98/ 97																.0		1	1		
96/ 95																.0	.0	2	2		
94/ 93													.0	.0	.0		.0	4	4		
92/ 91												.0	.2	[illegible]	.2	.0		18	18		
90/ 89										.1	[illegible]	.3	.2	.5	.3	.0	.0	32	32		
88/ 87									.0	.3	.2	.7	.6	.9	.1	.0		63	63		
86/ 85								.0	.1	.2	.7	1.1	1.2	.9	.8	.1		106	106		
84/ 83								.0	.4	.5	.7	.9	1.9	.8	.5	.1		119	119		
82/ 81						.0	.1	.2	.4	.4	1.3	2.4	2.0	1.0	.5			171	171		
80/ 79					.1	.1	.2	.2	.4	1.2	1.9	3.1	2.5	1.7	.1			236	236		
78/ 77			.0	.0	[illegible]	.1	.0	.1	.6	1.5	2.3	3.9	2.2	.5	.0			236	236		
76/ 75			.2		.0			.2	.7	1.6	3.7	4.1	1.5	.2	.0			249	249		
74/ 73							.1	.4	.9	1.8	3.8	3.3	.9					226	226	2	
72/ 71		.1	.1	.1	.1	.0	.2	.3	.9	2.4	2.5	1.4	.1	.0				174	174	17	3
70/ 69				.1	.1	.0	.3	.2	1.1	2.3	2.6	.8	.1					156	156	35	8
68/ 67		.0				.1	.2	.1	1.4	2.0	.3	.2						100	100	49	6
66/ 65		.1	.1		.0	.1	.1	.4	.9	1.1	.4	.0						69	69	77	14
64/ 63			.1			.0	.1	.2	.5	.5	.1							33	33	94	12
62/ 61				.0	.0		.0	.1	.2	.0								11	11	163	23
60/ 59								.2	.1	.0								9	9	212	14
58/ 57								.0										1	1	283	27
56/ 55																				315	32
54/ 53																				307	38
52/ 51																				232	66
50/ 49																				139	89
48/ 47																				64	91
46/ 45																				21	112
44/ 43																				6	132
42/ 41																				1	147
40/ 39																					153
38/ 37																					177
36/ 35																					154
34/ 33																					154

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 3 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,62-65,68-74 — YEARS
JUN — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																					157
30/ 29																					129
28/ 27																					67
26/ 25																					77
24/ 23																					59
22/ 21																					32
20/ 19																					11
18/ 17																					14
16/ 15																					6
14/ 13																					5
12/ 11																					5
10/ 9																					1
8/ 7																					2
TOTAL		.3	.7	.3	.7	.6	1.5	3.0	9.0	16.2	21.2	22.4	13.7	7.0	2.8	.4	.2		2017		2017
																		2017		2017	

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.	1748378	54976	[illegible]	11.134	2017							
Dry Bulb	11864881	154161	76.4	6.386	2017			84.5	65.3	28.3	.4	90
Wet Bulb	6509275	114073	56.6	5.354	2017			4.6	.1			90
Dew Point	3241644	78214	38.8	10.175	2017		25.2	.8				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95																.0		1	1		
94/ 93															.0			1	1		
92/ 91														.0				1	1		
90/ 89											.0	.1			.0	.0		5	5		
88/ 87										.1	.1	.0	.1	.0				11	11		
86/ 85									.1	.4	.4	.3	.3	.0	.0			37	37		
84/ 83								.1	.3	.7	.7	.6	.7	.0	.2			73	73		
82/ 81								.3	.5	1.2	.8	1.0	.4	.2	.0			97	97		
80/ 79						.1	.2	.2	.3	.9	1.6	1.2	.8	.1	.0			121	121		
78/ 77					.2	.3	.2	.2	.7	.8	2.0	1.5	.6	.0				145	145		
76/ 75			.2	.1	.0	.1	.2	.4	.9	1.7	2.8	2.0	.5	.0				203	203		
74/ 73		.0	.1	.1	.1	.1	.2	.3	1.6	2.9	3.2	2.2	.6	.0				262	262		
72/ 71		.0	.0	.2	.2		.3	.9	1.8	3.8	4.4	1.4	.2					296	296	9	
70/ 69				.1		.0	.3	1.0	2.6	3.8	2.7	.9	.1					260	260	30	9
68/ 67			.0	.1		.1	.3	.9	3.1	3.3	2.1	.2	.0					232	232	37	4
66/ 65			.0		.2	.1	.4	1.2	2.8	2.9	.7	.0						189	189	69	13
64/ 63		.1	.2	.0	.0	.1	.2	1.4	2.4	1.6	.4							144	144	79	16
62/ 61			.2	.0	.1	.1	.5	.9	1.5	.7								91	91	95	21
60/ 59	.0			.1	.0	.1	.3	.5	.7	.2								46	46	158	30
58/ 57						.0	.2	.4	.4	.0								26	26	199	29
56/ 55							.1	.1	.0									6	6	2[illegible]	41
54/ 53					.0		.1		.0									5	5	305	44
52/ 51																				367	62
50/ 49																				264	61
48/ 47																				206	92
46/ 45																				84	115
44/ 43																				45	117
42/ 41																				8	148
40/ 39																				2	150
38/ 37																				1	206
36/ 35																					194
34/ 33																					175
32/ 31																					185
30/ 29																					159

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					86
26/ 25																					101
24/ 23																					67
22/ 21																					44
20/ 19																					32
18/ 17																					26
16/ 15																					12
14/ 13																					4
12/ 11																					0
10/ 9																					1
8/ 7																					1
6/ 5																					1
TOTAL	.0	.2	.8	.8	.9	1.2	3.5	9.0	19.8	25.0	21.7	11.5	4.4	.6	.4	.1		2252	2252		2252
																	2252			2252	

Elem. t (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.	2409182	68914	30.6	11.551	2252							
Dry Bulb	11629915	161173	71.6	6.495	2252			69.7	38.2	11.6	.1	90
Wet Bulb	6695461	122101	54.2	5.783	2252			3.0				90
Dew Point	3452945	85005	37.7	10.418	2252		29.0	.5				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97												.0						1	1		
96/ 95											.0			.1	.1		.1	10	10		
94/ 93												.0	.2	.1	.1	.2	.1	20	20		
92/ 91											.0	.1	.1	.3	.3	.4	.1	37	37		
90/ 89											.1	.2	.9	.6	.7	.3	.3	83	83		
88/ 87										.1	.8	.7	.9	1.0	.9	.5	.1	136	136		
86/ 85								.0	.4	.6	.8	1.0	1.8	1.9	.8	.3	.1	208	208		
84/ 83						.0	.1	.2	.4	.5	1.1	1.4	2.2	1.2	.7	.1		213	213		
82/ 81					.1	.0	.1	.3	.7	1.0	.9	1.9	2.8	1.5	.4	.1		267	267		
80/ 79						.1	.3	.0	.3	1.0	1.6	2.5	2.8	.9	.2	.0		266	266		
78/ 77			.0	.0	.1	.1	.1	.4	.4	1.1	2.5	2.8	1.8	.4				268	268		
76/ 75			.1	.1	.1	.1	.1	.4	.8	1.2	2.8	2.9	.8	.1				257	257	2	
74/ 73				.1	.2	.1	.1	.4	.7	1.8	2.8	2.1	.4	.0				235	235	5	
72/ 71			.0	.1	.0	.1	.3	.6	.8	1.9	2.2	1.2	.1					201	201	13	4
70/ 69			.0	.1	.1		.1	.5	1.2	2.2	1.9	.4						178	178	61	3
68/ 67					.1	.1	.3	.5	1.3	1.4	.6	.1						121	121	89	10
66/ 65		.0	.1	.0	.1	.1	.1	.6	1.0	1.0	.4	.1						95	95	142	11
64/ 63			.0	.0		.0	.0	.6	.5	.6	.0							48	48	189	26
62/ 61				.0	.0	.0	.2	.3	.6	.1	.0							37	37	235	34
60/ 59	.0						.2	.3	.3	.0								24	24	329	30
58/ 57				.0		.0	.1	.1	.1	.0								11	11	387	56
56/ 55					.0	.1	.0											4	4	398	76
54/ 53								.0										1	1	321	85
52/ 51																				251	99
50/ 49																				159	108
48/ 47																				76	117
46/ 45																				49	146
44/ 43																				11	183
42/ 41																				2	201
40/ 39																				2	265
38/ 37																					254
36/ 35																					234
34/ 33																					185
32/ 31																					158

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42- (YEARS) JUN (MONTH)

PAGE 2 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
30/ 29																					138
28/ 27																					98
26/ 25																					83
24/ 23																					48
22/ 21																					34
20/ 19																					12
18/ 17																					13
16/ 15																					5
14/ 13																					1
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					1
TOTAL	.0	.0	.3	.6	.9	.9	2.1	5.1	9.4	14.6	18.6	17.7	14.9	8.1	4.1	1.9	.8		2721		2721
																		2721		2721	

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.	2443509	75951	27.9	10.906	2721							
Dry Bulb	16420873	210415	77.3	7.413	2721			82.7	66.2	37.0	1.0	90
Wet Bulb	9012532	155846	57.3	5.636	2721			5.6	.2			90
Dew Point	4650753	109195	40.1	9.939	2721		19.6	.6				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/109																	.1	2	2		
108/107																	.1	2	2		
106/105																	.5	14	14		
104/103																.0	1.3	39	39		
102/101												.0	.0			.2	2.0	67	67		
100/ 99													.0	.0	.3	.7	3.4	129	129		
98/ 97											.0		.0	.3	.7	1.0	4.5	194	194		
96/ 95											.0	.1	.3	.8	1.5	2.0	5.0	283	283		
94/ 93												.1	.6	1.3	1.4	2.5	4.2	293	293		
92/ 91										.1	.1	.5	1.0	1.8	2.0	3.3	3.1	343	343		
90/ 89									.1	.2	.5	.7	.9	1.7	3.2	3.5	1.8	361	361		
88/ 87								.1	.1	.3	.5	.5	1.0	1.4	3.2	2.0	.7	283	283		
86/ 85							.1	.1	.2	.3	.5	.3	1.6	2.4	2.3	1.1	.3	267	267		
84/ 83							.0	.2	.1	.1	.2	.6	1.4	1.8	1.3	.2	.2	177	177		
82/ 81						.0	.1	.1	.1	.1	.4	.7	1.9	1.2	.7	.1		155	155		
80/ 79						.0	.1	.1	.1	.2	.5	1.0	.9	.7	.1			108	108	1	
78/ 77				.0		.1		.1	.0	.2	.5	.9	.6	.0	.1			73	73	2	
76/ 75						.1		.0	.2	.3	.4	.5	.1	.0				47	47	5	
74/ 73						.0		.0	.1	.2	.2	.3						25	25	20	
72/ 71						.0	.1			.1	.0	.1						11	11	84	1
70/ 69				.0	.0				.1	.1								7	7	168	5
68/ 67			.0						.1									3	3	264	11
66/ 65									.0									1	1	357	12
64/ 63																				424	26
62/ 61																				500	36
60/ 59																				474	43
58/ 57																				307	67
56/ 55																				181	98
54/ 53																				72	112
52/ 51																				20	112
50/ 49																				5	137
48/ 47																					134
46/ 45																					192
44/ 43																					209

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41																					245
40/ 39																					313
38/ 37																					255
36/ 35																					201
34/ 33																					203
32/ 31																					154
30/ 29																					121
28/ 27																					67
26/ 25																					70
24/ 23																					27
22/ 21																					16
20/ 19																					4
18/ 17																					7
16/ 15																					1
14/ 13																					2
12/ 11																					1
8/ 7																					1
6/ 5																					1
TOTAL			.0	.1	.0	.3	.3	.7	1.2	2.4	3.8	6.3	10.6	13.6	16.8	16.6	27.2	2884	2884	2884	2884

Element (..)	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.	1362525	57725	20.0	8.476	2884							
Dry Bulb	23363286	258852	89.8	6.719	2884			90.0	89.3	83.4	31.9	90
Wet Bulb	11255513	179697	62.3	4.520	2884			17.0	.9	.0		90
Dew Point	5232863	119799	41.5	9.433	2884		14.7	.5				90

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
118/117																	.0	1	1		
116/115																	.0	1	1		
114/113																	.0	1	1		
112/111																	.4	12	12		
110/109																	1.9	54	54		
108/107																	3.0	86	86		
106/105																	5.5	157	157		
104/103													.0	.0	.0	.1	7.3	218	218		
102/101													.0		.2	.6	10.4	323	323		
100/ 99													.1	.2	.2	1.6	9.4	330	330		
98/ 97												.0	.1	.3	.6	1.9	8.0	342	342		
96/ 95											.1	.1	.3	.4	1.0	1.3	7.6	309	309		
94/ 93											.2	.3	.2	.3	.9	1.8	5.7	274	274		
92/ 91										.1	.1	.2	.3	.3	1.3	1.9	3.4	224	224		
90/ 89										.3	.2	.2	.2	.5	1.1	1.9	1.4	165	168		
88/ 87									.0	.2	.1	.0	.3	.9	1.5	.8	.6	127	127		
86/ 85							.0		.1		.0	.2	.5	.7	1.2	.5	.1	97	97		
84/ 83								.1	.0	.0	.1	.3	.5	.7	.8	.0		75	75		
82/ 81							.0	.0	.1	.1	.0	.3	.2	.5	.1	.0		38	38		
80/ 79								.0	.1	.1	.1	.1	.2	.2				21	21	2	
78/ 77								.0			.0	.1	.0	.0				7	7	3	
76/ 75									.0		.1							3	3	10	
74/ 73							.0	.0			.1							4	4	59	
72/ 71						.0	.0				.0							3	3	137	1
70/ 69				.1														2	2	284	1
68/ 67						.0												1	1	393	7
66/ 65																				457	13
64/ 63																				535	25
62/ 61				.0														1	1	463	26
60/ 59																				306	34
58/ 57																				149	39
56/ 55																				66	81
54/ 53																				14	114
52/ 51																				1	123

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49																					133
48/ 47																					152
46/ 45																					161
44/ 43																					225
42/ 41																					255
40/ 39																					279
38/ 37																					239
36/ 35																					220
34/ 33																					205
32/ 31																					191
30/ 29																					136
28/ 27																					60
26/ 25																					61
24/ 23																					43
22/ 21																					14
20/ 19																					11
18/ 17																					13
16/ 15																					7
14/ 13																					2
12/ 11																					3
10/ 9																					1
8/ 7																					2
6/ 5																					1
2/ 1																					1
TOTAL				.1		.1	.1	.2	.3	.7	1.2	1.9	3.0	5.1	8.9	12.5	65.8	2879	2879	2879	2879

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.	870067	45609	15.8	7.160	2879							
Dry Bulb	26908649	277637	96.4	6.840	2879			90.0	89.8	84.1	65.9	90
Wet Bulb	11963726	185196	64.3	4.198	2879			27.8	2.3	.0		90
Dew Point	5032100	117242	40.7	7.461	2879		17.1	.3				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
116/115																	.1	3	3		
114/113																	.3	9	9		
112/111																	1.5	42	42		
110/109																	4.2	119	119		
108/107															.0		5.8	163	163		
106/105																.1	8.6	245	245		
104/103															.0	.3	11.3	326	326		
102/101														.1		.6	12.0	355	355		
100/ 99													.0	.1	.2	1.2	10.4	334	334		
98/ 97												.1	.1	.2	.4	1.0	9.2	311	311		
96/ 95													.3	.2	.4	.9	7.0	247	247		
94/ 93											.1	.3	.2	.1	.6	.9	4.9	198	198		
92/ 91										.0	.0	.1	.0	.2	.5	1.3	2.8	139	139		
90/ 89								.0	.0	.1	.1	.1		.3	.5	1.7	1.0	108	108		
88/ 87									.1			.1	.1	.5	.9	.7	.4	74	74		
86/ 85								.1				.2	.3	.6	.6	.3	.1	63	63		
84/ 83								.0			.1	.2	.1	.1	.2	.1		25	25		
82/ 81							.0			.1	.1			.0	.1			10	10		
80/ 79						.0		.0		.1	.0	.0	.2	.2				20	20	1	
78/ 77				.0	.1	.0												4	4	4	
76/ 75			.0		.0				.0									3	3	18	
74/ 73					.1													2	2	55	
72/ 71				.0														1	1	150	2
70/ 69																				326	2
68/ 67			.0															1	1	422	5
66/ 65									.0									1	1	500	18
64/ 63																				514	12
62/ 61																				417	27
60/ 59																				247	22
58/ 57																				104	32
56/ 55																				35	57
54/ 53																				9	90
52/ 51																					108
50/ 49																				1	137

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47																					119
46/ 45																					162
44/ 43																					247
42/ 41																					232
40/ 39																					267
38/ 37																					214
36/ 35																					237
34/ 33																					220
32/ 31																					163
30/ 29																					127
28/ 27																					76
26/ 25																					78
24/ 23																					54
22/ 21																					32
20/ 19																					21
18/ 17																					14
16/ 15																					8
14/ 13																					5
12/ 11																					3
10/ 9																					4
8/ 7																					6
6/ 5																					1
2/ 1																					1
TOTAL			.1	.1	.2	.1	.0	.2	.2	.4	.4	1.1	1.5	2.7	4.4	9.1	79.6		2803		2803
																		2803		2803	

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.	698394	39648	14.1	7.007	2803							
Dry Bulb	27607744	277546	99.0	6.702	2803			90.0	89.9	89.3	75.5	90
Wet Bulb	11853932	181928	64.9	4.049	2803			31.3	2.5	.0		90
Dew Point	4687391	111365	39.7	9.684	2803		19.0	.3				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
112/111																	.2	4	4		
110/109																	.6	15	15		
108/107																	1.5	40	40		
106/105																	3.3	85	85		
104/103																.2	5.6	150	150		
102/101														.0	.1	.3	6.6	182	182		
100/ 99														.1	.3	.6	7.3	221	221		
98/ 97														.5	.7	1.9	7.0	261	261		
96/ 95											.0	.0	.2	.4	1.2	1.9	6.9	277	277		
94/ 93											.0	.2	.5	.7	1.5	2.2	4.6	252	252		
92/ 91									.0		.2	.4	.3	1.2	1.7	2.2	3.4	244	244		
90/ 89									.0	.1	.2	.3	.7	1.3	2.3	2.8	1.3	236	236		
88/ 87									.1	.1	.1	.2	1.0	1.6	2.2	1.3	.3	178	178		
86/ 85								.1	.1	.1	.2	.4	.8	1.7	1.8	.6		148	148		
84/ 83						.0	.1	.0	.1		.1	.5	1.1	1.0	.8	.3		104	104		
82/ 81						.1	.1	.0	.0	.2	.2	.8	.7	.6	.4			80	80		
80/ 79					.0	.1		.0	.0	.2	.2	.6	.7	.5	.1			62	62		
78/ 77				.0			.0	.0	.1		.2	.3	.2	.1				24	24		
76/ 75			.0			.0	.0	.1		.1	.0	.1	.2	.0				17	17	5	
74/ 73						.0		.0	.0	.1								6	6	24	
72/ 71										.0								1	1	89	1
70/ 69				.1	.0						.0							4	4	203	3
68/ 67				.0														1	1	319	8
66/ 65		.1																2	2	407	8
64/ 63																				481	14
62/ 61																				431	27
60/ 59																				341	47
58/ 57																				181	36
56/ 55																				78	46
54/ 53																				26	67
52/ 51																				8	132
50/ 49																				1	156
48/ 47																					155
46/ 45																					178

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.E.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																					220
42/ 41																					254
40/ 39																					258
38/ 37																					207
36/ 35																					202
34/ 33																					183
32/ 31																					137
30/ 29																					88
28/ 27																					51
26/ 25																					42
24/ 23																					30
22/ 21																					18
20/ 19																					6
18/ 17																					5
16/ 15																					7
14/ 13																					4
12/ 11																					2
10/ 9																					1
8/ 7																					1
TOTAL		.1	.0	.2	.1	.3	.2	.4	.5	.8	1.5	3.7	6.3	9.8	13.1	14.4	48.5		2594		2594
																		2594		2594	

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.	992770	45968	17.7	8.289	2594							
Dry Bulb	22864810	242804	93.6	7.291	2594			89.9	89.7	87.3	51.6	90
Wet Bulb	10517878	164820	63.5	4.154	2594			22.2	1.0			90
Dew Point	4638595	107167	41.3	9.024	2594		13.6	.4				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUN — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.0	1	1		
102/101																	.2	5	5		
100/ 99																	.5	11	11		
98/ 97															.1	.2	.7	23	23		
96/ 95											.0		.0	.3	.7	.8	1.3	73	73		
94/ 93										.0	.0	.1	.3	.5	.8	1.3	.8	93	93		
92/ 91										.1	.0	.3	.3	1.1	1.4	1.2	.8	127	127		
90/ 89										.2	.3	.7	1.1	1.3	1.9	1.5	.4	174	174		
88/ 87									.0	.3	.5	.8	1.2	2.1	2.1	1.4	.3	210	210		
86/ 85									.3	.6	.7	1.7	2.4	2.9	2.2	.4	.1	269	269		
84/ 83							.1	.1	.0	.3	1.4	2.1	2.9	2.6	1.9	.3	.1	281	281		
82/ 81						.1	.1		.2	.4	1.2	2.6	3.8	2.4	1.1	.0	.0	284	284		
80/ 79					.1	.1	.1		.2	.7	2.0	2.7	3.1	2.0	.3			264	264		
78/ 77		.0		.1	.2	.1	.0	.1	.3	.8	1.5	2.7	2.1	.7	.1			206	206	1	
76/ 75			.1	.0		.0		.3	.3	.8	1.5	2.1	1.1	.1	.0			154	154	2	1
74/ 73					.1	.1		.1	.4	.3	1.2	1.2	.5					91	91	6	
72/ 71								.1	.3	.5	.9	.3	.1					53	53	31	2
70/ 69				.1	.0	.1	.0	.1	.2	.1	.3	.2	.0					28	28	63	5
68/ 67			.2	.0				.1	.1	.2	.2	.0						19	19	110	13
66/ 65							.0	.0	.0	.1		.0						7	7	166	4
64/ 63									.0									1	1	266	19
62/ 61		.1																2	2	338	22
60/ 59																				401	30
58/ 57																				383	45
56/ 55																				292	42
54/ 53																				205	59
52/ 51																				73	96
50/ 49																				28	138
48/ 47																				8	129
46/ 45																				2	188
44/ 43																				1	181
42/ 41																					199
40/ 39																					211
38/ 37																					186

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.				%		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUN (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					188
34/ 33																					183
32/ 31																					136
30/ 29																					106
28/ 27																					48
26/ 25																					62
24/ 23																					40
22/ 21																					20
20/ 19																					6
18/ 17																					7
16/ 15																					3
14/ 13																					3
10/ 9																					1
8/ 7																					2
6/ 5																					1
TOTAL		.1	.3	.3	.4	.6	.5	.8	2.2	5.5	11.8	17.4	19.0	16.1	12.5	7.1	5.3		2376		2376
																		2376		2376	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 77 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1568189	56261	23.7	9.968	2376							
Dry Bulb	16564839	197789	83.2	6.488	2376			89.6	85.8	64.9	7.8	90
Wet Bulb	8536281	141967	59.8	4.755	2376			8.1	.3			90
Dew Point	4164482	96892	40.8	9.476	2376		16.5	.8	.0			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-65,68-72,74 — YEARS
JUL — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95											.0			.2	.1	.1		10	10		
94/ 93											.1	.3	.6	.8	.4	.0	.1	50	51		
92/ 91										.2	.7	1.4	1.2	.6	.3	.4	.0	100	100		
90/ 89									.5	2.1	2.6	2.3	1.0	.7	.5			200	200		
88/ 87						.0	.1	.2	2.2	3.7	3.5	2.6	1.0	.7	.0			292	292		
86/ 85						.1	.6	2.2	3.2	4.0	2.0	2.4	1.8	.8	.0			356	358		
84/ 83					.1	.8	1.5	3.4	2.4	1.6	1.6	1.7	1.5	.3	.0			311	311		
82/ 81					.5	2.3	2.5	2.1	1.0	1.5	1.6	1.3	1.0	.2	.1			296	296		
80/ 79			.0	.9	2.0	1.8	1.0	.4	.3	.4	.8	1.2	.4	.1				194	194		
78/ 77			.8	1.9	1.8	.3	.1	.0	.1	.3	.8	.4	.3	.0				144	144	2	
76/ 75		.3	1.0	.5	.4		.0		.0	.2	.5	.5	.1					75	75	14	
74/ 73		.4	.3	.1					.0	.0	.2	.1						27	27	156	12
72/ 71	.0	.4	.2						.0	.0								17	17	387	65
70/ 69		.1							.0									3	3	499	117
68/ 67																				308	152
66/ 65																				194	173
64/ 63																				161	225
62/ 61																				130	188
60/ 59																				103	181
58/ 57																				55	145
56/ 55																				47	137
54/ 53																				15	105
52/ 51																				4	95
50/ 49																					87
48/ 47																					70
46/ 45																					71
44/ 43																					56
42/ 41																					54
40/ 39																					49
38/ 37																					37
36/ 35																					18
34/ 33																					15
32/ 31																					9
30/ 29																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-65,68-72,74 — YEARS
JUL — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					1
26/ 25																					2
24/ 23																					2
TOTAL	.0	1.2	2.5	3.4	4.8	5.4	5.8	8.4	9.8	14.2	14.5	14.2	8.9	4.6	1.5	.5	.2		2078		2075
																		2075		2075	

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.	4478762	89750	43.3	16.963	2075							
Dry Bulb	14741386	174752	84.1	4.675	2078			93.0	92.1	77.6	2.7	93
Wet Bulb	9450616	139702	67.3	4.658	2075			61.2	7.7			93
Dew Point	7022193	119069	57.4	9.564	2075		1.0	15.5	.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93												.0	.0		.0		.0	4	4		
92/ 91											.0	.3	.0	.1		.0	.0	13	13		
90/ 89										.1	.6	.3	.4	.3				39	39		
88/ 87								.0	.7	1.3	1.5	.8	.4	.0	.0			111	111		
86/ 85							.3	1.5	3.2	2.7	2.4	1.2	.7	.3				231	282		
84/ 83					.0	.4	1.7	3.8	3.7	2.3	1.6	.9	.6	.1				350	351		
82/ 81				.0	.4	1.9	3.2	4.4	2.6	2.0	1.6	.7	.4	.1				400	401		
80/ 79			.1	.9	2.2	2.8	3.6	2.0	2.1	1.4	1.2	.7	.3	.0				401	402		
78/ 77			.7	2.2	1.9	1.6	.5	.9	1.0	1.3	.9	.4	.1	.0				265	265		
76/ 75		.2	1.6	2.1	.9	.7	.3	.3	.9	1.3	1.0	.4	.2					228	229	11	
74/ 73		.6	1.0	.4	.1		.1	.1	.3	.8	.7	.3	.0					101	101	93	12
72/ 71	.1	.6	.3	.1		.0	.2		.3	.7	.4	.3						69	69	357	64
70/ 69		.1	.0		.0		.0	.2	.3	.3	.2							29	29	508	154
68/ 67						.0	.0	.0	.2	.2								11	11	405	178
66/ 65										.0								1	1	244	198
64/ 63																				191	247
62/ 61																				144	240
60/ 59																				114	185
58/ 57																				80	152
56/ 55																				70	144
54/ 53																				44	107
52/ 51																				29	120
50/ 49																				13	80
48/ 47																					72
46/ 45																					74
44/ 43																					72
42/ 41																					41
40/ 39																					39
38/ 37																					31
36/ 35																					29
34/ 33																					21
32/ 31																					20
30/ 29																					10
28/ 27																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					6
24/ 23																					2
22/ 21																					1
TOTAL	.1	1.5	3.7	5.7	5.6	7.4	9.9	13.3	15.2	14.6	12.2	6.3	3.2	1.1	.1	.0	.1		2308		2303
																		2303		2303	

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.	6012693	110955	48.2	17.023	2303							
Dry Bulb	15016341	185883	80.5	4.445	2308			93.0	88.6	57.6	.2	93
Wet Bulb	10174651	152605	66.3	5.211	2303			55.5	4.2			93
Dew Point	7854128	132582	57.6	9.809	2303		1.7	16.5	.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99															.0			1	1		
98/ 97															.1	.0	.0	4	4		
96/ 95												.1	.1	.2	.3		.0	18	18		
94/ 93									.0	.0	.3	.4	.6	.5	.3	.0	.0	62	62		
92/ 91								.0	.1	.4	1.1	1.3	.9	.7	.1	.0	.0	130	130		
90/ 89									.5	1.7	2.2	1.1	.9	.7	.3	.1	.0	211	212		
88/ 87						.0	.1	.6	1.8	3.3	2.0	1.1	.8	.8	.3	.0	.0	304	304		
86/ 85						.1	1.0	2.8	3.5	3.3	1.9	1.5	1.0	.6	.2			446	446		
84/ 83					.1	.8	1.9	3.2	3.2	1.8	1.3	.9	.9	.3	.1			401	401		
82/ 81					.9	1.7	2.9	3.7	1.7	1.2	.7	.4	.6	.1				390	391		
80/ 79			.1	1.0	1.7	1.9	1.8	1.4	1.3	.9	.6	.6	.4	.0				329	329		
78/ 77			.7	1.7	1.4	1.1	.8	.4	.3	.5	.6	.5	.2	.1				225	225	3	
76/ 75	.0	.1	.9	.9	.7	.3	.3	.2	.4	.3	.7	.2	.0					140	140	32	1
74/ 73		.3	.7	.3	.1	.0	.1	.1	.2	.2	.3	.1		.0				69	69	228	15
72/ 71		.2	.1	.0				.1	.1	.3	.4	.0						35	35	509	80
70/ 69	.1		.0				.0	.1	.1	.1								14	14	677	189
68/ 67					.0				.0									2	2	451	189
66/ 65									.0	.0								2	2	268	258
64/ 63									.0									1	1	195	319
62/ 61																				143	340
60/ 59																				90	279
58/ 57																				85	181
56/ 55																				52	170
54/ 53																				30	139
52/ 51																				16	110
50/ 49																				4	93
48/ 47																				1	74
46/ 45																					59
44/ 43																					57
42/ 41																					51
40/ 39																					56
38/ 37																					44
36/ 35																					22
34/ 33																					30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 2

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
32/ 31																					15
30/ 29																					7
28/ 27																					2
26/ 25																					3
22/ 21																					1
20/ 19																					1
TOTAL	.1	.7	2.5	4.0	4.8	6.0	9.0	12.6	13.2	14.0	12.2	8.1	6.6	4.1	1.6	.2	.2	2784	2786	2784	2785

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.	6479890	126492	45.4	16.226	2784							
Dry Bulb	19399084	232043	83.3	5.083	2786			92.9	91.2	72.4	2.8	93
Wet Bulb	12742058	187874	67.5	4.783	2784			63.5	8.8			93
Dew Point	9707952	162400	58.3	9.246	2785		1.0	15.8	.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
108/107																	.1	4	4		
106/105																	.5	14	14		
104/103															.0	.2	1.1	39	39		
102/101													.1	.3	.6	.8	2.0	114	114		
100/ 99												.1	.4	1.1	1.7	1.8	1.7	199	199		
98/ 97										.0	.1	.5	2.1	2.1	2.6	1.5	1.8	318	319		
96/ 95											.6	2.4	4.1	2.8	2.6	1.1	1.7	452	452		
94/ 93									.0	.3	2.5	3.7	2.9	1.9	1.1	1.1	1.1	432	433		
92/ 91								.1	.5	2.0	3.8	3.3	1.6	.8	.9	.6	.6	421	421		
90/ 89								.3	1.6	3.7	3.2	1.1	.4	.4	.6	.6		356	356		
88/ 87							.2	1.5	2.4	1.8	.9	.3	.1	.2	.4	.2		236	236		
86/ 85						.1	1.2	1.3	1.1	.4	.2	.1	.1	.1	.2			142	142		
84/ 83					.2	.9	.9	.8	.3	.0		.0	.0	.0	.1			96	96		
82/ 81				.1	.4	.5	.3	.2	.1			.0						49	49		
80/ 79			.0	.2	.5	.3	.1	.1										34	34	1	
78/ 77			.0	.3	.1	.0	.0											16	16	15	
76/ 75			.2	.2														11	11	176	1
74/ 73		.1	.1		.0													6	6	597	10
72/ 71		.0																1	1	815	37
70/ 69																				592	134
68/ 67																				298	182
66/ 65																				160	274
64/ 63																				141	367
62/ 61																				90	378
60/ 59																				41	323
58/ 57																				13	249
56/ 55																				1	181
54/ 53																					153
52/ 51																					120
50/ 49																					83
48/ 47																					83
46/ 45																					75
44/ 43																					54
42/ 41																					54

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					55
38/ 37																					55
36/ 35																					33
34/ 33																					19
32/ 31																					9
30/ 29																					3
28/ 27																					3
26/ 25																					4
24/ 23																					1
TOTAL		.1	.3	.7	1.2	2.0	2.7	4.3	6.1	8.4	11.3	11.5	12.0	9.8	10.8	8.0	10.7		2942		2940
																		2940		2940	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3915962	99632	33.9	13.550	2940
Dry Bulb	25347321	272625	92.7	5.348	2942
Wet Bulb	14505020	206226	70.1	3.658	2940
Dew Point	10084981	170269	57.9	8.729	2940

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			93.0	93.0	91.6	49.8	93
Wet Bulb			78.9	25.0			93
Dew Point		.6	11.5	.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
116/115																	.0	1	1		
114/113																	.0	1	1		
112/111																	.4	12	12		
110/109																	1.3	37	37		
108/107																.0	3.3	97	97		
106/105												.0		.1	.1	1.2	6.8	242	242		
104/103													.0	.3	1.1	2.2	8.1	346	346		
102/101											.0	.1	.2	1.0	2.7	3.6	6.0	399	401		
100/ 99											.1	.2	1.6	4.1	3.6	2.8	4.1	481	482		
98/ 97										.0	.1	1.1	3.3	3.5	2.7	1.2	2.2	418	418		
96/ 95										.1	.7	3.0	3.1	1.9	.7	.5	1.0	323	323		
94/ 93								.0	.0	.5	2.2	2.1	1.7	.5	.3	.2	.4	235	235		
92/ 91							.0	.0	.5	1.3	1.6	.9	.3	.1	.1	.1	.0	149	149		
90/ 89								.3	1.0	1.0	.6	.1		.0	.0			90	90		
88/ 87						.0	.1	.3	.5	.4	.1							42	42		
86/ 85							.2	.4	.0									19	19		
84/ 83					.0	.3	.0	.0	.1									16	16	1	
82/ 81				.0	.1	.1												9	9	1	
80/ 79				.1	.1	.1												8	8	12	
78/ 77			.1	.1	.1	.0												8	8	54	1
76/ 75			.1	.0	.1													7	7	347	2
74/ 73		.1	.0	.0														4	4	786	7
72/ 71																				775	30
70/ 69																				455	63
68/ 67																				225	133
66/ 65																				158	210
64/ 63																				87	342
62/ 61																				33	333
60/ 59																				6	355
58/ 57																				4	326
56/ 55																					227
54/ 53																					174
52/ 51																					146
50/ 49																					107

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47																					89
46/ 45																					86
44/ 43																					79
42/ 41																					63
40/ 39																					66
38/ 37																					41
36/ 35																					30
34/ 33																					18
32/ 31																					9
30/ 29																					4
26/ 25																					2
22/ 21																					1
TOTAL		.1	.2	.3	.4	.6	.4	1.1	2.2	3.3	5.4	7.5	10.2	11.4	11.4	11.9	33.6	2944	2947	2944	2944

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2543299	79787	27.1	11.368	2943							
Dry Bulb	28787759	290817	98.7	5.504	2947			93.0	93.0	92.3	81.9	93
Wet Bulb	15019062	210048	71.3	3.328	2944			83.9	37.9	.2		93
Dew Point	9714285	167323	56.8	8.335	2944		.5	7.5	.3			93

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

DATA PROCESSIN BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
116/115																	.1	3	3		
114/113																	.3	9	9		
112/111																	1.2	35	35		
110/109																	4.1	117	117		
108/107															.1	.2	9.2	271	271		
106/105															.4	1.3	13.3	426	426		
104/103														.1	1.3	4.1	10.2	446	446		
102/101													.1	1.3	4.2	4.2	6.0	449	451		
100/ 99											.0	.1	1.2	3.7	3.8	1.7	2.7	375	376		
98/ 97											.1	.7	1.9	2.8	1.7	.6	1.4	263	263		
96/ 95										.1	.6	1.5	1.4	.9	.4	.1	.4	153	153		
94/ 93									.1	.4	.8	.9	.5	.3	.1		.1	93	93		
92/ 91								.0	.3	.7	.7	.4	.1				.0	65	65		
90/ 89								.3	.2	.6	.1	.0	.0					35	35		
88/ 87							.1	.3	.4	.1	.0							24	24		
86/ 85						.1	.2	.2	.1	.1								23	23		
84/ 83					.1	.1	.1	.1		.0								10	10		
82/ 81				.0	.1	.1	.1	.1										13	13		
80/ 79			.1	.2	.2	.0		.1										16	16	6	
78/ 77			.0	.2	.0	.1												9	9	55	
76/ 75		.1	.1	.1	.0													7	7	372	
74/ 73		.0																1	1	813	9
72/ 71																				630	30
70/ 69																				444	39
68/ 67																				263	80
66/ 65																				131	146
64/ 63																				59	252
62/ 61																				17	290
60/ 59																				3	349
58/ 57																				1	326
56/ 55																					270
54/ 53																					218
52/ 51																					156
50/ 49																					132

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9 10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47																					116
46/ 45																					108
44/ 43																					86
42/ 41																					78
40/ 39																					67
38/ 37																					31
36/ 35																					26
34/ 33																					14
32/ 31																					13
30/ 29																					5
28/ 27																					3
TOTAL		.1	.2	.5	.5	.4	.5	1.1	1.1	1.9	2.5	3.7	5.2	9.1	12.1	12.2	49.0		2846		2844
																		2843		2844	

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.	2022048	68840	24.2	11.179	2843							
Dry Bulb	29260743	288097	101.2	5.840	2846			93.0	93.0	92.1	86.4	93
Wet Bulb	14581149	203445	71.5	3.124	2844			86.1	40.7	.0		93
Dew Point	9002134	158318	55.7	8.153	2844		.7	5.2	.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
114/113																	.0	1	1		
112/111																	.1	3	3		
110/109																.0	.6	18	18		
108/107																.0	1.8	49	49		
106/105														.1	.1	.3	5.6	160	160		
104/103													.0	.0	.3	1.9	6.4	230	230		
102/101													.0	.7	2.0	3.5	5.9	321	323		
100/ 99												.0	.8	2.7	3.9	3.1	4.0	387	387		
98/ 97											.0	.5	2.4	3.2	3.0	2.0	2.1	351	352		
96/ 95										.0	.4	1.7	3.3	2.8	2.2	.9	.9	327	327		
94/ 93										.3	1.5	2.3	1.8	1.5	.9	.4	.2	238	238		
92/ 91								.0	.1	.9	2.1	1.7	.9	.6	.5	.2	.1	185	185		
90/ 89							.0	.1	.8	1.1	1.2	.4	.3	.3	.1	.0		115	115		
88/ 87							.3	.6	.8	.7	.4	.1	.1	.1	.1			82	82		
86/ 85						.2	.3	.6	.5	.2		.1						51	51		
84/ 83					.2	.4	.3	.3	.1	.1	.0							38	38		
82/ 81					.3	.6	.3	.2	.1									38	38		
80/ 79			.0	.3	.3	.3	.3											31	31	4	
78/ 77			.2	.2	.2	.1												16	16	18	
76/ 75		.1	.2	.1	.1													14	14	170	
74/ 73		.1																3	3	574	9
72/ 71		.0																1	1	730	33
70/ 69																				553	64
68/ 67																				342	97
66/ 65																				168	149
64/ 63																				69	237
62/ 61																				24	301
60/ 59																				6	292
58/ 57																					265
56/ 55																				1	243
54/ 53																					225
52/ 51																					187
50/ 49																					158
48/ 47																					113

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45																					80
44/ 43																					66
42/ 41																					50
40/ 39																					45
38/ 37																					23
36/ 35																					18
34/ 33																					2
32/ 31																					2
TOTAL		.3	.4	.6	1.1	1.5	1.5	1.8	2.4	3.3	5.6	6.8	9.6	11.9	13.1	12.4	27.8	2659	2662	2659	2659

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2654942	76430	28.7	13.127	2659
Dry Bulb	25030997	257573	96.8	6.384	2662
Wet Bulb	13282797	187757	70.6	3.062	2659
Dew Point	8656723	150369	56.6	7.592	2659

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			93.0	93.0	91.3	72.9	93
Wet Bulb			83.6	26.8	.1		93
Dew Point		.1	7.1	.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
JUL — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
106/105																	.0	1	1		
104/103																	.1	2	2		
102/101																.1	.3	11	11		
100/ 99														.1	.3	.5	.7	40	40		
98/ 97												.2	.1	.8	1.0	1.2	.5	91	91		
96/ 95												1.0	2.1	2.8	1.4	1.2	.6	220	221		
94/ 93										.1	1.0	2.5	3.0	2.6	1.1	.7	.2	270	270		
92/ 91									.0	.9	3.3	4.1	3.2	2.5	.7	.6	.0	370	370		
90/ 89							.0	.1	.7	2.9	4.0	3.0	2.5	1.7	.7	.2	.1	385	386		
88/ 87							.2	.7	2.3	3.0	2.1	2.1	1.7	.8	.4	.2		326	327		
86/ 85						.2	.7	2.1	2.2	1.6	.7	1.0	1.1	.7	.3	.1		257	257		
84/ 83					.2	.9	1.1	1.1	.4	.4	.5	.4	.8	.1	.0			142	142		
82/ 81				.1	.8	1.5	.7	.3	.2	.3	.0	.2	.4	.2				114	114		
80/ 79			.1	.4	1.0	.5	.3	.1	.1		.2	.1	.2	.0				72	72		
78/ 77		.0	.7	.9	.3	.0	.1			.0								51	51	2	
76/ 75		.3	.5	.5	.2	.0												37	37	60	6
74/ 73		.0	.3	.4														18	18	263	16
72/ 71	.1	.1	.1	.0														7	7	555	58
70/ 69		.0																1	1	581	111
68/ 67																				380	108
66/ 65																				266	184
64/ 63																				141	226
62/ 61																				84	246
60/ 59																				49	256
58/ 57																				27	225
56/ 55																				6	176
54/ 53																				1	186
52/ 51																					148
50/ 49																					120
48/ 47																					96
46/ 45																					75
44/ 43																					53
42/ 41																					40
40/ 39																					34

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) JUL (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																					16
36/ 35																					16
34/ 33																					12
32/ 31																					3
30/ 29																					1
26/ 25																					2
24/ 23																					1
TOTAL	.1	.5	1.7	2.2	2.4	3.1	3.2	4.3	5.9	9.2	11.8	14.5	15.2	12.3	6.0	4.8	2.6		2418		2415
																		2415		2415	

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.	3973109	90309	37.4	15.713	2415							
Dry Bulb	19229354	215230	89.0	5.435	2418			93.0	92.7	87.7	24.5	93
Wet Bulb	11465867	166161	68.8	3.718	2415			70.9	12.5			93
Dew Point	8145409	138835	57.5	8.242	2415		.3	11.5	.8			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,63-65,70-71,73-74 — YEARS
AUG — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95													.0	.1				4	4		
94/ 93												.1	.1	.0				5	5		
92/ 91											.2	.6	.2	.1				24	24		
90/ 89									.5	1.1	1.7	.6	.4	.2	.0			94	94		
88/ 87							.1	1.0	2.4	2.6	2.0	.5	.3	.2				188	189		
86/ 85						.3	1.0	2.6	4.1	2.7	1.5	1.2	.4		.0			285	287		
84/ 83					.3	1.7	3.5	4.8	2.5	2.3	1.5	.7	.2	.0				361	361		
82/ 81			.0	.4	1.3	2.4	4.2	3.3	1.9	1.7	1.6	.7	.2	.0				365	370		
80/ 79			.1	1.3	3.1	2.4	1.7	1.3	.9	1.6	.8	.3	.3	.1	.0			289	289		
78/ 77		.2	.8	2.1	1.5	.9	.5	.6	.6	.7	.3	.3	.0					180	180	2	
76/ 75		.7	1.9	1.1	.3	.4	.0	.2	.6	.6	.3							130	130	50	5
74/ 73		1.2	1.0	.3	.2		.0	.3	.2	.4	.1							79	79	209	44
72/ 71	.2	.3	.5	.1	.1		.0	.2	.1	.1								35	36	505	100
70/ 69	.1	.1	.2	.0			.0	.1	.1									16	16	484	196
68/ 67		.0							.0									2	2	264	191
66/ 65	.1																	2	2	179	272
64/ 63																				132	251
62/ 61																				99	197
60/ 59																				54	168
58/ 57																				43	134
56/ 55																				31	84
54/ 53																				7	90
52/ 51																					83
50/ 49																					60
48/ 47																					51
46/ 45																					40
44/ 43																					27
42/ 41																					25
40/ 39																					13
38/ 37																					15
36/ 35																					5
34/ 33																					3
32/ 31																					3
30/ 29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,63-65,70-71,73-74 — YEARS
AUG — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.4	2.5	4.6	5.4	6.8	8.2	11.3	14.5	14.0	13.8	10.1	5.1	2.2	.9	.1			2059	2068	2059	2058

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.	6077096	106334	51.7	16.835	2058							
Dry Bulb	13919384	169402	81.9	4.344	2068			92.9	90.5	67.7	.4	93
Wet Bulb	9674978	140356	68.4	4.355	2059			68.4	11.8			93
Dew Point	7786261	125501	61.0	8.040	2058		.2	24.2	2.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
94/ 93											.0							1	1		
92/ 91										.1								2	2		
90/ 89									.0	.0	.2	.3	.2					17	17		
88/ 87								.1	.5	.4	.4	.3	.0					43	43		
86/ 85						.0	.4	1.2	2.3	1.3	.5	.2	.1					140	140		
84/ 83					.1	.8	1.9	3.7	2.3	1.2	.4	.5	.0					254	255		
82/ 81			.0	.1	1.2	2.8	4.0	3.9	2.5	1.3	.3	.1	.0					381	381		
80/ 79			.3	1.1	2.8	4.8	4.2	3.2	1.8	1.2	1.0	.2	.1					477	479		
78/ 77		.1	1.2	3.3	2.8	2.3	2.0	1.7	1.2	.7	.7	.1	.0					374	378	1	
76/ 75		.9	2.3	2.2	1.2	.9	1.5	1.4	1.4	.6	.4							298	298	28	4
74/ 73	.0	1.8	1.8	1.1	.6	.6	.3	.7	.5	.2	.1							180	180	188	34
72/ 71	.1	.7	.5	.3	.0	.1	.5	.3	.4	.6	.2							83	86	460	131
70/ 69		.2	.0	.1			.2	.3	.3	.4	.0							37	37	529	237
68/ 67			.3			.1	.3	.1	.3									26	26	374	221
66/ 65	.1					.1	.1	.0										10	10	231	294
64/ 63							.0	.0										2	2	175	290
62/ 61																				101	228
60/ 59						.0												1	1	96	173
58/ 57																				56	158
56/ 55																				43	111
54/ 53																				25	96
52/ 51																				16	61
50/ 49																				3	79
48/ 47																					55
46/ 45																					42
44/ 43																					32
42/ 41																					16
40/ 39																					26
38/ 37																					17
36/ 35																					14
34/ 33																					4
30/ 29																					2
28/ 27																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.3	3.7	0.4	8.1	8.7	12.6	15.3	16.7	13.6	7.9	4.3	1.6	.6					2326	2336	2326	2326

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.	8057380	131466	56.5	16.420	2326							
Dry Bulb	14589513	184339	78.9	4.287	2336			92.5	86.6	44.4	.0	93
Wet Bulb	10647974	156986	67.5	4.761	2326			63.2	8.7			93
Dew Point	8824237	142013	61.1	8.130	2326		.1	25.1	1.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥	TAL W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
96/ 95													.1		.0			3	3		
94/ 93											.0	.1	.2	.1	.0			13	13		
92/ 91								.0		.3	.5	.3	.3					41	41		
90/ 89									.6	.7	.9	.6	.3	.2				94	94		
88/ 87						.0	.1	.9	1.8	1.6	1.1	1.0	.2					190	190		
86/ 85						.1	1.1	2.2	2.7	2.0	.9	.5	.4	.1				288	289		
84/ 83				.0	.2	1.3	3.2	3.4	2.4	1.3	1.0	.5	.3					391	391		
82/ 81				.1	1.2	3.3	3.8	2.9	1.8	1.0	.9	.1	.2					441	441		
80/ 79			.2	1.6	2.8	3.4	3.0	2.1	1.7	.8	.7	.3	.0					475	477		
78/ 77		.1	.9	2.2	2.2	1.9	1.4	1.2	.9	.8	.4	.1						346	349	4	
76/ 75		.4	2.1	2.0	1.2	.8	.8	.8	.9	.5	.4	.0	.0					283	284	39	5
74/ 73	.0	.8	1.2	.6	.4	.3	.4	.5	.3	.3	.1							145	147	311	24
72/ 71	.1	.6	.7	.3	.2	.1	.3	.2	.2	.2	.1							91	91	631	156
70/ 69	.0	.1	.1	.1	.1		.1	.3	.2	.1	.0	.0						34	34	641	257
68/ 67		.0	.1				.0	.2	.1									14	14	419	341
66/ 65	.0					.1	.0	.1	.0									7	7	279	387
64/ 63						.0	.0	.0		.0								4	4	190	347
62/ 61							.0											1	1	116	276
60/ 59						.0												1	1	98	219
58/ 57																				61	182
56/ 55																				36	150
54/ 53																				25	114
52/ 51																				8	105
50/ 49																				2	79
48/ 47																				2	48
46/ 45																					57
44/ 43																					32
42/ 41																					30
40/ 39																					24
38/ 37																					18
36/ 35																					6
34/ 33																					1
32/ 31																					1
30/ 29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 2

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
26/ 25																					1
22/ 21																					1
TOTAL	.2	2.0	5.3	6.8	8.3	11.6	14.3	14.8	13.8	9.9	7.0	3.5	2.1	.4	.1			2862	2871	2862	2862

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.	9069192	154452	54.0	16.017	2862							
Dry Bulb	18732731	231471	80.6	4.962	2871			92.6	13.1	56.0	.5	93
Wet Bulb	13330446	194888	68.1	4.562	2862			66.5	11.5			93
Dew Point	10906996	175280	61.2	7.757	2862		.1	25.4	.9			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.2	5	5		
104/103																.1	.4	13	13		
102/101														.1	.4	.5	.4	41	41		
100/ 99												.0	.2	.6	.7	1.0	.6	93	93		
98/ 97											.1	.7	1.4	1.6	1.4	.8	.6	201	201		
96/ 95										.1	.7	2.3	2.4	2.2	1.3	.6	.3	300	300		
94/ 93								.0	.1	1.0	3.8	3.4	2.5	1.3	.9	.4	.5	424	426		
92/ 91								.1	1.0	2.5	4.3	2.7	1.8	1.2	.8	.1	.3	454	454		
90/ 89						.0	.0	.9	3.3	3.8	3.6	2.0	1.0	.6	.5	.2	.1	490	492		
88/ 87						.0	.7	2.4	3.0	2.0	1.3	.7	.6	.4	.2	.1		342	344		
86/ 85					.0	.7	1.6	2.5	2.0	.8	.5	.2	.3	.2	.1			273	273		
84/ 83				.0	.2	1.1	1.5	1.1	.5	.2	.2	.1	.0	.1	.0			157	158		
82/ 81					.8	1.0	.7	.3	.1	.2	.0	.1						95	96		
80/ 79			.1	.5	.8	.5	.2	.0	.0	.1	.1		.0					67	67	3	
78/ 77			.2	.3	.3	.2	.0					.0						30	31	31	
76/ 75		.1	.4	.2	.1													25	25	286	3
74/ 73		.1	.2			.1												11	11	730	24
72/ 71		.2	.1	.0														11	11	798	116
70/ 69		.1																3	3	563	215
68/ 67																				287	305
66/ 65																				146	395
64/ 63																				102	407
62/ 61																				48	364
60/ 59																				33	278
58/ 57																				6	236
56/ 55																				2	180
54/ 53																					133
52/ 51																					92
50/ 49																					78
48/ 47																					57
46/ 45																					40
44/ 43																					35
42/ 41																					28
40/ 39																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																					19
36/ 35																					5
34/ 33																					6
32/ 31																					1
30/ 29																					4
TOTAL		.6	1.0	1.0	2.2	3.6	4.7	7.3	10.0	10.7	14.7	12.3	10.3	8.2	6.3	3.8	3.3		3044		3035
																		3035		3035	

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.	5467024	121330	40.0	14.256	3035							
Dry Bulb	24913276	274886	90.3	5.436	3044			93.0	92.6	89.8	33.0	93
Wet Bulb	15256130	214922	70.8	3.470	3035			82.7	32.2			93
Dew Point	11407761	184755	60.9	7.281	3035		.2	20.3	.8			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
112/111																	.1	3	3		
110/109																	.3	8	8		
108/107																.1	1.0	32	32		
106/105															.1	.4	3.0	107	107		
104/103														.2	.8	1.7	4.6	219	219		
102/101												.1	.2	1.5	2.6	2.7	3.9	333	333		
100/ 99												.4	2.1	4.2	3.5	1.9	2.7	446	447		
98/ 97										.1	.4	1.9	4.8	3.0	2.2	1.1	2.0	465	466		
96/ 95										.5	2.6	4.2	3.2	2.2	1.2	.6	1.3	480	481		
94/ 93									.4	1.8	2.7	3.5	1.9	1.0	.3	.4	.3	370	370		
92/ 91								.2	.8	2.2	1.4	1.4	.4	.3	.2	.2		210	210		
90/ 89							.1	.4	1.8	1.4	.7	.3	.1	.1	.1	.1		149	150		
88/ 87						.1	.2	.9	1.0	.3	.1	.0		.0				79	80		
86/ 85						.2	.3	.6	.3	.1			.0					47	48		
84/ 83				.0	.1	.4	.2	.1										25	25		
82/ 81				.0	.3	.2	.0		.0									18	18		
80/ 79			.0	.1				.0										4	5	9	
78/ 77			.1	.2	.1		.0											11	12	108	
76/ 75			.2	.0														7	7	519	1
74/ 73		.0	.1															5	5	863	15
72/ 71	.0		.0															2	2	679	69
70/ 69	.0	.1																4	4	447	133
68/ 67																				173	264
66/ 65																				101	337
64/ 63																				77	367
62/ 61																				35	414
60/ 59																				14	290
58/ 57																					268
56/ 55																					222
54/ 53																					137
52/ 51																					130
50/ 49																					83
48/ 47																					82
46/ 45																					59

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																					49
42/ 41																					30
40/ 39																					30
38/ 37																					17
36/ 35																					13
34/ 33																					7
32/ 31																					4
30/ 29																					1
TOTAL	.1	.1	.5	.3	.4	.9	.9	2.2	4.2	6.3	7.8	11.7	12.7	12.6	11.0	9.0	19.2	3024	3032	3024	3022

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.	3410932	94822	31.4	12.009	3022							
Dry Bulb	28363236	292786	96.6	5.457	3032			93.0	92.8	92.0	75.6	93
Wet Bulb	15668262	217438	71.9	3.333	3024			86.0	46.1	.0		93
Dew Point	10860426	179732	59.5	7.522	3022		.2	14.8	.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
114/113																	.1	3	3		
112/111																	.1	4	4		
110/109																	.9	26	26		
108/107																	2.8	81	81		
106/105															.1	1.1	7.8	261	261		
104/103														.2	1.9	3.0	7.5	370	370		
102/101												.1	.2	2.6	4.2	3.3	5.3	462	462		
100/ 99												.4	2.5	5.1	3.5	2.3	3.8	512	512		
98/ 97											.1	2.0	3.6	3.4	1.8	.9	1.8	398	400		
96/ 95										.2	1.6	2.2	2.9	1.6	.5	.3	.6	292	293		
94/ 93									.2	1.3	2.1	1.4	.9	.3	.1	.2	.0	185	185		
92/ 91								.1	.7	1.0	1.2	.5	.1		.2	.2		116	116		
90/ 89								.1	.9	1.2	.5	.1						81	81		
88/ 87							.2	.3	.6	.3	.1							42	42		
86/ 85					.0	.2	.4	.0	.1		.0							24	25		
84/ 83					.1	.3	.2	.0	.1	.1								24	25		
82/ 81			.0		.1	.1	.1	.0										11	11		
80/ 79				.2	.0	.2												12	13	8	
78/ 77		.0	.1	.2	.1													11	11	87	
76/ 75		.0	.1															3	3	553	2
74/ 73	.0		.1															3	3	794	9
72/ 71		.1																4	4	657	45
70/ 69		.0																1	1	415	99
68/ 67																				189	189
66/ 65																				101	263
64/ 63																				82	312
62/ 61																				33	392
60/ 59																				7	323
58/ 57																					263
56/ 55																					227
54/ 53																					175
52/ 51																					141
50/ 49																					111
48/ 47																					77

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45																					78
44/ 43																					65
42/ 41																					66
40/ 39																					36
38/ 37																					21
36/ 35																					15
34/ 33																					8
32/ 31																					4
30/ 29																					3
28/ 27																					2
TOTAL	.0	.2	.3	.3	.4	.8	.9	.5	2.0	4.1	5.6	6.6	10.0	13.1	12.4	11.3	30.7	2926	2932	2926	2926

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.	2734833	82419	28.2	11.887	2926							
Dry Bulb	28718156	289710	98.8	5.603	2932			93.0	92.8	92.2	82.4	93
Wet Bulb	15158393	210379	71.9	3.316	2926			85.9	45.8	.0		93
Dew Point	10059562	170006	58.1	7.886	2926		.3	10.9	.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
112/111																	.0	1	1		
110/109																	.1	3	3		
108/107																	.3	8	8		
106/105																.1	1.2	35	35		
104/103															.2	1.1	2.6	109	109		
102/101														.7	1.3	1.4	2.7	165	165		
100/ 99												.0	.7	2.3	2.8	2.1	2.5	286	286		
98/ 97											.1	1.1	2.6	3.5	2.4	1.7	1.8	364	365		
96/ 95									.0	.1	.5	2.7	4.0	2.5	1.7	.7	.8	360	361		
94/ 93									.0	.5	2.7	3.7	3.2	1.5	1.1	.6	.4	374	375		
92/ 91								.1	.5	1.8	3.3	2.2	1.6	1.1	.6	.4	.0	321	321		
90/ 89							.2	.5	1.5	1.6	2.3	.7	.5	.4	.1	.2	.1	224	224		
88/ 87						.1	.4	1.3	1.6	1.2	.3	.3	.3	.1	.2			164	164		
86/ 85					.0	.3	.8	1.0	.7	.2	.1	.3	.0	.1	.0			102	102		
84/ 83					.1	.5	.7	.4	.2	.0	.2		.0	.1				67	70		
82/ 81			.0	.2	.4	.9	.5	.2	.0									63	63		
80/ 79			.0	.4	.5	.3	.1	.0		.0								41	41	2	
78/ 77			.2	.3	.2	.1												21	21	33	
76/ 75	.0	.3	.3	.1	.1													21	21	234	4
74/ 73		.2	.0	.1														8	8	647	25
72/ 71	.0	.1	.0															4	4	744	71
70/ 69	.0		.0	.0														3	3	510	104
68/ 67																				279	186
66/ 65																				138	252
64/ 63																				88	305
62/ 61																				44	361
60/ 59																				23	313
58/ 57																				2	245
56/ 55																					169
54/ 53																					179
52/ 51																					144
50/ 49																					107
48/ 47																					84
46/ 45																					54

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
AUG — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																					44
42/ 41																					35
40/ 39																					29
38/ 37																					13
36/ 35																					11
34/ 33																					7
32/ 31																					1
TOTAL	.1	.5	.6	1.2	1.3	2.2	2.8	3.6	4.8	5.6	9.6	11.0	13.0	12.4	10.5	8.3	12.4		2750		2743
																		2744		2744	

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.	3783112	93768	34.2	14.498	2743							
Dry Bulb	24249048	257664	93.7	6.238	2750			93.0	92.8	90.3	57.8	93
Wet Bulb	13785161	194271	70.8	3.366	2744			83.0	31.0	.0		93
Dew Point	9676422	161590	58.9	7.571	2743		.0	13.2	1.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.1	2	2		
102/101																	.2	4	4		
100/ 99														.1	.1		.2	9	9		
98/ 97											.0	.1	.2	.2	.4	.3	.1	31	31		
96/ 95												.8	.7	.5	.7	.0		66	66		
94/ 93										.0	.6	1.6	1.7	.9	.6	.2	.2	143	143		
92/ 91									.0	1.2	2.8	[illegible]	1.6	1.1	.7	.1	.2	258	259		
90/ 89								.2	1.6	4.5	3.7	2.4	1.7	1.0	.7	.0	.1	389	390		
88/ 87						.1	.4	1.3	3.6	4.4	2.4	2.0	1.4	.6	.3	.2	.0	408	409		
86/ 85						.5	1.6	3.2	3.0	2.3	1.4	1.6	.8	.5	.1	.0		365	365		
84/ 83				.0	.4	1.2	2.4	2.1	1.4	1.2	.9	.7	.5	.2	.0			268	270		
82/ 81			.0	.2	.9	1.6	1.2	.5	.3	.4	.4	.5	.2	.1	.0			154	155		
80/ 79		.0	.1	.6	1.8	1.3	.5	.3	.1	.5	.1	.5	.2	.0				144	144		
78/ 77		.1	.7	1.4	.5	.3	.0	.0	.2	.2	.2	.0						87	87	10	1
76/ 75		.2	1.3	.5	.0	.1		.1	.0	.1	.1	.0						58	58	83	5
74/ 73		.4	.3	.2			.0	.0		.0								24	24	350	26
72/ 71	.1	.2	.1	.0	.0													13	13	648	104
70/ 69	.1	.0	.0	.0														5	5	510	174
68/ 67	.0	.0																2	2	302	193
66/ 65																				192	258
64/ 63																				156	300
62/ 61																				86	265
60/ 59																				48	231
58/ 57																				34	162
56/ 55																				9	137
54/ 53																				2	123
52/ 51																					101
50/ 49																					98
48/ 47																					72
46/ 45																					57
44/ 43																					35
42/ 41																					32
40/ 39																					18
38/ 37																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) AUG (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					8
34/ 33																					6
32/ 31																					2
30/ 29																					1
28/ 27																					1
26/ 25																					1
TOTAL	.2	1.0	2.6	2.9	3.6	5.1	6.1	7.7	10.4	14.9	12.7	13.1	8.9	5.2	3.7	.9	1.0	2430	2436	2430	2427

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.	5226082	105474	43.5	16.251	2426							
Dry Bulb	18300713	210759	86.5	5.213	2436			93.0	92.2	83.7	9.7	93
Wet Bulb	11679187	168189	69.2	3.967	2430			72.8	17.0			93
Dew Point	8858030	145314	59.9	8.058	2427		.2	19.3	1.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,72-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																	.1	1	1		
94/ 93												.1	.1			.1		4	4		
92/ 91										.1					.1			2	2		
90/ 89										.1	.3	.1	.2					12	12		
88/ 87									.1	.7	.4	.6	.4	.1		.1		44	44		
86/ 85							.2	.2	1.1	.9	.8	.9	.4	.2	.1			90	90		
84/ 83							.6	.9	.7	2.8	1.8	.6	.4	.2	.1			158	158		
82/ 81					.1	.5	.3	1.0	1.6	2.0	1.7	1.1	.3	.1				178	178		
80/ 79				.1	.6	1.3	1.6	1.8	2.1	2.1	2.3	.7	.4	.1	.1			257	258		
78/ 77			.1	.5	1.1	.6	2.4	2.0	1.5	2.7	1.3	.3	.2	.1				249	251		
76/ 75		.2	.6	.8	.8	1.2	1.3	2.2	2.1	1.5	1.3	.4	.1					242	242		
74/ 73	.1	.3	1.0	.9	.7	1.1	1.2	1.8	2.1	2.2	.5	.1						233	233	17	2
72/ 71	.1	.3	.8	.6	.8	.6	1.2	1.7	1.7	1.4	.3	.1						186	186	98	18
70/ 69	.2	.1	.6	.2	.5	1.0	1.1	1.3	1.1	.8	.1							132	132	164	44
68/ 67	.2	.1	.2	.1	.3	.6	.6	1.2	.9	.5	.2							92	92	175	63
66/ 65	.2		.3		.1	.2	.5	.5	.5	.2	.1							46	46	279	102
64/ 63		.1	.1		.1	.1	.1	.3	.3		.1							18	18	241	90
62/ 61		.2			.1	.1	.1	.2		.1								12	12	226	98
60/ 59	.1	.1				.1	.1	.1										7	7	243	150
58/ 57		.1			.1	.1												3	3	180	116
56/ 55			.1	.1														2	2	160	148
54/ 53		.1	.1	.1														3	3	99	159
52/ 51																				37	143
50/ 49																				37	140
48/ 47																				11	139
46/ 45																				3	135
44/ 43																				1	97
42/ 41																					104
40/ 39																					69
38/ 37																					46
36/ 35																					34
34/ 33																					19
32/ 31																					20
30/ 29																					17

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-65,72-74 (YEARS) SEP (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					6
26/ 25																					6
24/ 23																					2
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	.7	1.3	3.6	3.1	4.9	7.1	11.7	15.0	15.6	18.1	10.9	4.8	2.3	.7	.2	.1	.1	1971	1974	1971	1971

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.	4612853	8960	45.5	16.548	1971							
Dry Bulb	11587952	150794	76.4	5.905	1974			85.9	67.2	27.9	.2	90
Wet Bulb	7665396	122422	62.1	5.590	1971			20.7	.8			90
Dew Point	5564174	102976	52.2	9.668	1971		2.5	5.8	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.1		.0	.0				4	4		
88/ 87									.0	.1	.1	.0	.1	.0				9	9		
86/ 85							.0	.1	.3	.4	.4	.1	.1					31	31		
84/ 83							.1	.4	.8	.5	.5	.4	.1					59	59		
82/ 81						.2	.6	.5	.9	1.0	.8	.4	.1					100	100		
80/ 79				.1	.4	1.0	1.3	1.1	1.9	1.0	.9	.3	.2					182	182		
78/ 77			.2	.5	1.2	1.4	1.9	2.0	1.7	1.8	.9	.3	.0					265	267		
76/ 75		.0	.3	.5	1.5	1.3	2.0	1.9	2.1	1.8	.5	.3	.0					268	270	1	
74/ 73		.4	.7	.9	.8	1.7	1.6	2.7	2.0	1.1	.6	.2	.1					283	283	10	2
72/ 71	.0	.6	.7	.9	1.4	1.3	2.3	2.1	1.5	1.1	.3	.0						274	274	74	8
70/ 69	.2	.6	1.1	.4	.5	1.0	1.6	2.0	2.3	.9	.3							243	243	130	53
68/ 67	.1	.5	.5	.7	.5	1.4	1.4	1.9	1.6	.7								207	207	184	63
66/ 65	.0	.1	.3	.4	.3	.7	1.0	1.1	.7	.2	.1							110	110	247	95
64/ 63		.2	.2	.1	.2	.3	.8	.6	.4	.1	.1							69	69	257	127
62/ 61	.0	.1		.0	.3	.3	.5	.9	.4	.1								62	62	241	116
60/ 59		.0		.0	.3	.1	.3	.2	.2									28	28	284	163
58/ 57	.1			.0		.0	.2	.1	.0									12	12	208	134
56/ 55		.0			.0		.1											5	5	174	143
54/ 53		.0		.0	.0		.0											4	4	170	160
52/ 51		.0		.1			.1											6	6	11[illegible]	149
50/ 49																				45	169
48/ 47																				43	143
46/ 45																				26	132
44/ 43																				10	121
42/ 41																				4	101
40/ 39																					89
38/ 37																					73
36/ 35																					44
34/ 33																					46
32/ 31																					33
30/ 29																					17
28/ 27																					13
26/ 25																					12
24/ 23																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					5
20/ 19																					2
18/ 17																					2
16/ 15																					1
TOTAL	.0	2.7	4.0	4.7	7.5	10.6	15.9	17.8	16.8	10.9	5.3	2.0	.8	.1				2221	2225	2221	2221

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.	6015075	109307	49.2	16.919	2221							
Dry Bulb	11917404	162280	72.9	6.012	2225			78.0	48.7	12.0		90
Wet Bulb	8211368	134338	60.5	6.220	2221			16.2	.4			90
Dew Point	6104156	114178	51.4	10.277	2221		3.6	5.1	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93														.0	.0			2	2		
92/ 91										.1	.0	.0	.1	.1	.0			10	10		
90/ 89										.0	.2	.3	.1	.3	.1	.0		27	27		
88/ 87								.1	.1	.5	.4	.4	.2	.0				47	47		
86/ 85							.0	.4	.5	.7	.8	.6	.3	.1	.0	.0		93	93		
84/ 83						.2	.3	.6	.7	1.2	.7	.8	.2	.2				138	138		
82/ 81					.1	.2	.8	1.6	1.7	1.3	1.2	.4	.1	.2				207	207		
80/ 79			.0		.5	1.1	1.1	1.4	1.5	1.7	.9	.8	.1					248	249		
78/ 77			.1	.3	.7	1.2	1.7	1.5	1.7	1.6	.6	.4	.2	.0				272	272		
76/ 75			.3	1.1	1.5	1.3	1.9	1.3	1.8	1.5	.7	.4						319	321	3	
74/ 73		.3	.5	1.0	1.1	1.5	1.4	1.8	1.1	1.3	.6	.3	.1					297	299	23	5
72/ 71		.3	.8	.4	1.1	1.0	1.8	1.3	1.3	1.3	.6	.1						267	268	89	12
70/ 69	.1	.3	.8	.5	.6	.9	1.4	1.6	1.8	1.0	.3	.0						252	252	202	44
68/ 67		.2	.6	.2	.6	.7	.9	1.4	1.2	.5	.1							172	172	2[illegible]	76
66/ 65	.1	.2	.4	.4	.5	.4	1.1	1.0	.8	.3	.1							143	143	31	139
64/ 63		.1	.3	.2	.2	.5	.6	.8	.4	.0	.1							85	85	314	154
62/ 61	.1		.0		.1	.2	.4	.4	.2									43	43	294	158
60/ 59	.0			.0	.1	.3	.3	.6	.3									44	44	284	193
58/ 57	.0	.0		.1	.0	.1	.1	.0	.1									16	16	217	179
56/ 55		.0			.0	.1	.1	.0										7	7	196	191
54/ 53				.0	.0		.2											7	7	189	199
52/ 51		.1			.0	.0												4	4	133	181
50/ 49				.0	.0	.0												3	3	68	180
48/ 47																				44	147
46/ 45																				35	146
44/ 43																				7	136
42/ 41																				7	139
40/ 39																				1	96
38/ 37																					83
36/ 35																					61
34/ 33																					60
32/ 31																					38
30/ 29																					38
28/ 27																					17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

23104 STATION — WILLIAMS AFB ARIZONA/CHANDLER STATION NAME

PSYCHROMETRIC SUMMA

42-74 YEARS

SEP MONTH

PAGE 2

0600-08 HOURS (L. S. T

Temp. (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 P
	WET BULB TEMPERATURE DEPRESSION (F)																				
26/ 25																					1
24/ 23																					
22/ 21																					
20/ 19																					2
18/ 17																					1
16/ 15																					
TOTAL	.4	1.6	3.8	4.3	7.4	9.8	14.2	15.9	15.2	13.0	7.2	4.5	1.5	1.0	.2	.1		2703	2709	2703	2703

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6797257	127849	47.3	16.662	2703
Dry Bulb	15107825	201439	74.4	6.902	2709
Wet Bulb	10174277	164925	61.0	6.418	2703
Dew Point	7463048	139224	51.5	10.396	2703

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
		78.3	55.3	22.0	.1	90
	4.1	19.9	.9			90
		4.6	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.4	11	11		
102/101														.1	.2	.1	.6	27	27		
100/ 99													.1	.1	.5	.6	.9	61	61		
98/ 97												.1	.2	.6	1.2	.7	1.1	111	111		
96/ 95											.1	.5	1.1	1.0	1.6	1.5	.7	191	191		
94/ 93											.6	1.0	1.3	2.1	1.4	.5	.6	216	216		
92/ 91									.0	.4	1.4	2.1	2.1	1.7	1.2	1.1	.4	301	301		
90/ 89									.7	1.4	1.9	2.0	2.3	1.7	1.1	.3	.3	335	335		
88/ 87							.2	.4	1.1	2.0	2.0	1.8	1.6	1.6	.9	.3	.1	350	350		
86/ 85						.0	.3	1.2	1.1	1.9	1.6	1.5	1.5	1.2	.2	.2		316	316		
84/ 83					.0	.1	.7	.9	1.6	1.2	1.5	.9	1.1	.8	.4	.0		264	264		
82/ 81				.1	.2	.5	.9	1.1	.7	.6	1.2	1.2	1.0	.2	.2	.0		229	229		
80/ 79		.0		.1	.2	.6	.7	.7	.7	.6	.7	.6	.3	.2	.1			161	161		
78/ 77			.1	.2	.3	.5	.3	.6	.6	.4	.7	.6	.2	.1				133	133	2	
76/ 75	.0			.2	.3	.3	.1	.3	.1	.2	.3	.3	.2	.0				71	71	26	2
74/ 73			.1	.3	.2	.3	.1	.1	.1	.4	.1	.1	.0					57	57	157	3
72/ 71	.0		.1	.2	.1	.1	.1	.0	.0	.1	.1	.1						26	26	333	12
70/ 69			.2	.1			.0	.0	.0	.1	.0							15	15	470	31
68/ 67		.0	.1			.0												5	5	491	84
66/ 65	.1	.0	.0	.0	.0				.0									8	8	419	151
64/ 63			.0		.0		.0											3	3	315	204
62/ 61				.0														1	1	275	195
60/ 59			.0															1	1	175	237
58/ 57																				111	231
56/ 55																				71	243
54/ 53																				29	233
52/ 51																				17	209
50/ [illegible]																				2	169
48/ 47																					143
46/ 45																					168
44/ 43																					139
42/ 41																					111
40/ 39																					92
38/ 37																					79

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					43
34/ 33																					38
32/ 31																					22
30/ 29																					19
28/ 27																					14
26/ 25																					12
24/ 23																					5
22/ 21																					4
TOTAL	.2	.1	.7	1.3	1.4	2.4	3.6	5.4	6.8	9.3	12.2	12.6	13.1	11.4	9.1	5.5	4.9	2893	2893	2893	2893

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.	3892935	97653	33.8	14.364	2893							
Dry Bulb	22061825	251879	87.1	6.756	2893			89.6	88.2	78.0	19.2	90
Wet Bulb	12669440	190938	66.0	4.832	2893			46.0	5.8			90
Dew Point	8354698	152994	52.9	9.550	2893		2.4	4.1	.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
112/111																	.2	5	5		
110/109																	.3	8	8		
108/107																.0	.7	22	22		
106/105																.1	2.3	72	72		
104/103															.1	.5	4.3	142	142		
102/101														.1	.9	1.6	5.0	221	221		
100/ 99												.1	.3	1.1	2.1	2.3	4.8	311	311		
98/ 97											.0	.1	1.2	1.7	2.2	2.0	3.4	311	311		
96/ 95											.2	1.1	2.0	2.4	2.5	2.3	3.1	398	399		
94/ 93										.3	.4	1.8	1.8	1.6	1.7	1.7	1.6	313	313		
92/ 91									.1	.6	1.3	1.3	1.3	1.4	1.6	1.1	.8	275	275		
90/ 89								.0	.3	.9	1.4	.9	1.4	1.5	1.5	.9	.4	268	268		
88/ 87							.0	.3	.7	.8	.6	.7	.8	.8	.6	.3	.2	168	168		
86/ 85						.1	.1	.7	.4	.8	.6	.4	.5	.3	.3	.3	.0	130	130		
84/ 83						.1	.2	.5	.4	.4	.3	.2	.3	.2	.2	.1	.0	86	86		
82/ 81			.0	.0	.1	.2	.4	.4	.2	.2	.2	.1	.1	.1				53	58		
80/ 79			.0	.0	.0	.4	.2	.2	.0	.1	.1		.0	.1				36	36		
78/ 77				.1	.1	.2	.1		.1	.1	.1	.0	.2					29	29	8	
76/ 75			.0		.1	.0	.1	.1		.0	.0	.0	.0					15	15	75	1
74/ 73			.1	.2	.0							.0						9	9	259	2
72/ 71		.0	.0	.1					.0									6	6	486	4
70/ 69		.1	.0					.0										4	4	540	21
68/ 67	.0		.1			.0	.0											5	5	463	61
66/ 65																				381	114
64/ 63																				322	154
62/ 61		.0	.0															2	2	188	214
60/ 59																				80	215
58/ 57																				52	226
56/ 55																				28	246
54/ 53																				10	218
52/ 51																				2	209
50/ 49																					200
48/ 47																					161
46/ 45																					175

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																					148
42/ 41																					124
40/ 39																					106
38/ 37																					83
36/ 35																					66
34/ 33																					38
32/ 31																					35
30/ 29																					20
28/ 27																					24
26/ 25																					15
24/ 23																					10
22/ 21																					2
18/ 17																					1
16/ 15																					1
TOTAL	.0	.1	.3	.4	.4	1.0	1.2	2.2	2.2	4.1	5.4	6.8	10.1	11.3	13.7	13.3	27.3	2894	2895	2894	2894

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.	2449875	76057	26.3	12.486	2894							
Dry Bulb	25717512	272150	94.0	6.793	2895			89.9	39.5	87.2	56.1	90
Wet Bulb	13301204	195796	67.7	4.339	2894			56.9	10.6			90
Dew Point	7984715	149423	51.6	9.655	2894		3.4	2.8	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
114/113																	.1	2	2		
112/111																	.3	7	7		
110/109																	.6	16	16		
108/107																	1.6	46	46		
106/105																.1	4.1	118	118		
104/103														.0	.1	.9	6.3	205	205		
102/101														.2	1.2	1.3	7.1	272	272		
100/ 99												.0	.1	.9	2.2	2.6	7.4	370	370		
98/ 97												.3	1.3	1.9	2.0	2.5	5.0	365	365		
96/ 95										.0		.9	1.4	2.0	1.8	1.9	4.0	335	335		
94/ 93										.1	.3	.9	1.4	1.3	1.6	1.6	2.1	261	261		
92/ 91									.1	.5	.9	.9	.9	1.4	1.3	1.1	.8	222	222		
90/ 89								.0	.2	.7	.6	1.0	1.1	1.0	.8	.7	.5	185	185		
88/ 87							.0	.2	.5	.4	.3	.6	.6	.5	.5	.4	.4	122	122		
86/ 85							.3	.3	.3	.6	.1	.3	.4	.2	.1	.1		77	77		
84/ 83					.0		.3	.2	.4	.2	.3	.1	.2	.0	.1	.0		51	52		
82/ 81					.1	.0	.2	.3	.1	.1	.2	.0	.1		.1			32	32		
80/ 79			.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1				38	38		
78/ 77				.1	.1	.2	.0	.0	.1		.2							20	20	7	
76/ 75	.0			.2	.1	.1	.0				.0							13	13	62	1
74/ 73		.0	.1	.1	.0	.1				.0	.0							13	13	269	3
72/ 71			.1	.1	.1	.0												8	8	404	6
70/ 69		.1	.1	.0			.0											8	8	525	23
68/ 67			.0															1	1	499	51
66/ 65			.0	.0														2	2	380	70
64/ 63			.1															2	2	306	117
62/ 61																				180	157
60/ 59																				88	176
58/ 57																				47	208
56/ 55																				19	192
54/ 53																				5	226
52/ 51																					217
50/ 49																					219
48/ 47																					190

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM JUL 66 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45																					174
44/ 43																					169
42/ 41																					159
40/ 39																					129
38/ 37																					83
36/ 35																					70
34/ 33																					51
32/ 31																					32
30/ 29																					23
28/ 27																					20
26/ 25																					15
24/ 23																					6
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	.0	.2	.5	.7	.5	.6	1.0	1.2	1.6	2.7	3.1	5.2	7.7	9.6	11.8	13.3	40.1		2792		2791
																		2791		2791	

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.	2065898	67354	24.1	12.565	2791							
Dry Bulb	25644183	266867	95.6	6.988	2792			89.9	89.3	87.2	64.4	90
Wet Bulb	12816520	188770	67.6	4.191	2791			56.9	10.9			90
Dew Point	7353164	140792	50.4	9.483	2791		3.2	2.7	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
108/107																	.0	1	1		
106/105																	.3	8	8		
104/103															.0	.0	.9	26	26		
102/101														.0	.1	.4	1.1	43	43		
100/ 99													.0	.5	.7	.8	1.3	88	88		
98/ 97												.1	.4	.7	1.7	1.2	1.7	151	151		
96/ 95										.0	.0	.3	1.1	1.8	1.4	1.5	1.2	192	193		
94/ 93										.0	.4	1.1	2.0	2.3	1.4	1.0	.7	233	233		
92/ 91									.0	.3	.8	1.9	2.5	1.8	1.4	.7	.8	266	266		
90/ 89								.1	.1	1.3	1.4	2.3	2.8	2.5	.8	1.0	.3	328	328		
88/ 87							.0	.3	.7	1.0	2.0	2.3	1.7	1.1	1.1	.4	.1	278	278		
86/ 85						.0	.2	.4	.8	1.6	1.7	2.0	2.0	1.0	.7	.2		276	276		
84/ 83						.1	.3	.4	.8	1.1	1.2	1.7	1.2	.4	.2	.2		193	193		
82/ 81					.2	.5	.7	.7	.5	1.0	1.2	1.0	.8	.2	.1			177	177		
80/ 79				.2	.1	.3	.6	.4	.4	.8	.6	.7	.4	.3	.1			124	124		
78/ 77			.2	.2	.4	.2	.2	.2	.2	.3	.3	.5	.1	.0				72	72	1	
76/ 75			.1	.4	.6	.2	.2	.2	.1	.3	.1	.2	.0					60	60	21	
74/ 73		.1	.2	.0	.1	.1	.1	.1	.2	.1	.1	.1	.0					29	29	106	3
72/ 71		.1	.2	.2	.1	.0	.0	.0		.1	.0							20	20	277	15
70/ 69	.0	.2	.2	.1	.1				.1		.0							18	18	419	28
68/ 67	.0	.1	.1			.0												6	6	468	47
66/ 65			.0	.0	.1		.0			.0								6	6	408	94
64/ 63		.0	.1															3	3	331	127
62/ 61				.0														1	1	238	143
60/ 59																			1	166	192
58/ 57																				92	198
56/ 55																				45	256
54/ 53																				21	207
52/ 51																				4	232
50/ 49																				1	201
48/ 47																				1	175
46/ 45																					162
44/ 43																					122
42/ 41																					108

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					85
38/ 37																					58
36/ 35																					56
34/ 33																					29
32/ 31																					30
30/ 29																					13
28/ 27																					8
26/ 25																					5
24/ 23																					3
20/ 19																					1
14/ 13																					1
TOTAL	.1	.5	1.0	1.2	1.6	1.5	2.3	2.7	4.0	7.9	9.8	14.0	15.0	12.7	9.7	7.4	8.5		2601		2599
																		2599		2599	

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.	3112470	81882	31.5	14.320	2599							
Dry Bulb	20436752	229828	88.4	7.039	2601			89.6	88.1	81.0	25.7	90
Wet Bulb	11367058	171482	66.0	4.503	2599			44.7	4.4			90
Dew Point	7243575	135209	52.0	8.981	2599		2.1	3.2	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
SEP — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99																	.0	1	1		
98/ 97																	.1	2	2		
96/ 95														.3		.1		10	10		
94/ 93												.2	.1	.3	.1	.3	.1	25	25		
92/ 91										.0	.4	.6	.8	.7	.4	.1	.0	68	68		
90/ 89									.1	.4	1.1	1.6	1.2	.6	.1	.1	.1	118	118		
88/ 87							.1	.1	.6	1.2	1.7	2.3	1.4	.6	.2	.2	.0	190	190		
86/ 85						.0	.2	.8	1.5	1.6	2.4	2.3	1.6	.8	.4	.1		262	262		
84/ 83						.1	.5	1.3	1.7	2.1	2.0	2.3	1.5	.5	.4	.1		284	284		
82/ 81					.1	.4	1.0	1.1	1.6	2.3	2.3	1.6	1.2	.4	.0			270	271		
80/ 79					.4	1.0	.9	1.2	2.1	2.0	2.4	1.6	.8	.1	.1			285	285		
78/ 77			.1	.3	.5	.6	.5	.8	1.5	1.6	1.5	1.2	.3	.0	.0			198	198		
76/ 75		.2	.8	.3	.7	.9	.6	.9	1.6	1.5	.9	.4	.2	.0	.0			199	199	4	
74/ 73	.0	.1	.6	.8	.2	.5	.8	.4	.8	1.1	.9	.4	.1	.1				150	150	25	1
72/ 71		.1	.4	.2	.2	.3	.4	.5	1.0	.5	.4	.0						90	90	141	22
70/ 69	.0	.1	.2	.0	.1	.1	.3	.4	.3	.2	.4	.1						49	49	240	33
68/ 67	.0	.3	.0	.1		.2		.0	.3	.1	.0							26	26	299	54
66/ 65	.1		.1			.1	.0	.1	.0	.1								13	13	309	117
64/ 63		.0	.1			.0	.0	.0		.0								8	8	306	91
62/ 61	.1	.0			.0													4	4	270	119
60/ 59									.0									1	1	243	141
58/ 57			.1															3	3	184	172
56/ 55				.0														1	1	127	162
54/ 53																				56	194
52/ 51																				33	172
50/ 49																				14	154
48/ 47																				4	158
46/ 45																				2	149
44/ 43																					124
42/ 41																					97
40/ 39																					88
38/ 37																					67
36/ 35																					42
34/ 33																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) SEP (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																					29
30/ 29																					21
28/ 27																					4
26/ 25																					6
24/ 23																					6
22/ 21																					6
20/ 19																					2
18/ 17																					1
16/ 15																					1
12/ 11																					1
TOTAL	.3	.8	2.5	1.7	2.2	4.1	5.3	7.7	13.1	14.8	16.3	14.4	9.0	4.5	1.9	1.1	.4	2257	2258	2257	2257

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.	3973086	87644	38.8	15.891	2257							
Dry Bulb	14886129	182817	81.0	6.119	2258			88.8	82.2	55.9	1.5	90
Wet Bulb	9141612	143163	63.4	5.187	2257			28.3	1.2			90
Dew Point	6240443	116621	51.7	9.752	2257		3.1	4.4	.0			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,63-65,72-74 — YEARS
OCT — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85												.1				.1		2	2		
82/ 81							.1			.1	.1	.1	.1					7	7		
80/ 79						.1			.1	.2	.2	.1	.1		.1			12	15		
78/ 77						.1	.2	.1	.5	.3	.6	.2		.2				41	43		
76/ 75				.1		.3	.6	1.3	.7	.9	.7	.1	.2					95	99		
74/ 73			.2	.2	.3	.3	.6	.8	1.4	1.4	.5	.3	.1					113	113		
72/ 71		.1	.4	.3	.3	.7	1.3	1.3	2.4	1.1	.5	.2						166	166		
70/ 69		.2		.3	.4	.9	1.4	3.4	2.7	.8	.1							195	195	15	
68/ 67		.5	.3	.3	.7	1.2	2.3	2.3	2.2	.9	.2	.1						209	209	14	13
66/ 65	.1	.3	.6	.8	1.0	1.2	1.8	2.6	2.4	.6	.2							225	225	39	16
64/ 63		.2	.3	.7	1.3	1.6	1.8	2.8	1.6	.1	.1							203	203	45	14
62/ 61	.1	.2	.7	.9	.9	1.8	1.8	1.7	.7	.1	.1							172	172	105	26
60/ 59		.7	.8	.9	1.0	1.5	1.3	1.4	.2									152	152	135	34
58/ 57		.3	.7	.9	.8	1.5	1.3	.5										118	118	219	46
56/ 55		.7	.5	.6	.7	1.1	.5	.1										80	80	294	75
54/ 53	.1	.2	.4	.5	.4	1.1	.3											56	56	256	102
52/ 51	.1	.2	.3	.4	.5	.5	.4											43	43	241	120
50/ 49		.1	.5	.3	.2	.2	.2											26	26	209	99
48/ 47		.1	.1	.2	.4	.2												18	18	153	153
46/ 45			.2	.1	.1													8	8	110	154
44/ 43		.3	.1		.1													9	9	57	181
42/ 41		.1	.1															3	3	36	174
40/ 39																				18	155
38/ 37																				5	122
36/ 35																				2	127
34/ 33																					108
32/ 31																					85
30/ 29																					61
28/ 27																					24
26/ 25																					22
24/ 23																					18
22/ 21																					13
20/ 19																					3
18/ 17																					3

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-6[illegible],63-65,72-74 — YEARS
OCT — MONTH

PAGE 2
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					3
14/ 13																					1
TOTAL	.2	3.9	5.9	7.1	8.9	14.0	15.8	18.3	14.8	6.5	3.0	1.0	.4	.2	.1	.1		1953	1962	1953	1952

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
Re.. Hum.	5136238	94206	48.3	17.386	1952							
Dry Bulb	8362824	127320	64.9	7.164	1962			40.2	13.2	.7		93
Wet Bulb	5657064	104504	53.5	5.775	1953			1.4				93
Dew Point	3827891	84531	43.3	9.260	1952		11.1	.6				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
82/ 81											.0							1	1		
80/ 79										.0		.1			.0			4	4		
78/ 77						.0			.2	.1	.0			.0				10	10		
76/ 75					.1	.2	.3	.3	.3	.2	.2	.0	.0					34	36		
74/ 73			.0	.1		.4	.5	.7	.6	.4	.1	.1						67	69		
72/ 71		.1	.1	.1	.3	.3	.5	.6	1.3	.3	.2	.0	.0					87	89		
70/ 69		.1	.3	.4	.6	.7	.9	1.8	1.2	.8	.2	.0						157	158	7	
68/ 67	.0	.3	.2	.4	1.0	.7	2.1	2.2	1.5	.6	.1							204	206	13	7
66/ 65		.5	.5	.5	1.0	1.3	2.6	2.6	1.6	.4	.0							249	249	32	13
64/ 63		.7	.4	.8	1.3	2.1	1.8	1.6	1.5	.4	.0							237	237	47	22
62/ 61	.1	.3	.7	.9	1.6	1.6	2.6	1.9	1.4	.1								253	253	85	31
60/ 59		.8	1.0	1.2	2.2	2.1	1.9	2.0	.8	.0								270	270	111	46
58/ 57	.0	.7	.4	.4	.8	1.4	1.2	1.6	.1									153	153	174	39
56/ 55	.2	.8	.7	.6	1.3	1.6	1.5	.4	.1									162	162	269	90
54/ 53		.4	.4	.4	.9	1.2	.9	.0										98	98	279	103
52/ 51		.4	.6	.8	.8	1.1	.3	.1										92	92	259	108
50/ 49	.1	.4	.3	.5	.7	.4	.1	.1										57	57	253	112
48/ 47		.2	.3	.2	.7	.4	.2											44	44	214	157
46/ 45		.1	.3	.2	.4	.1	.1											29	29	193	181
44/ 43		.2	.3	.1	.2	.1												21	21	141	169
42/ 41		.0		.1		.0												4	4	73	179
40/ 39	.1	.1	.2															9	9	49	173
38/ 37		.0																1	1	26	129
36/ 35																				13	131
34/ 33																				4	121
32/ 31																				1	117
30/ 29																					99
28/ 27																					71
26/ 25																					65
24/ 23																					31
22/ 21																					15
20/ 19																					14
18/ 17																					4
16/ 15																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					3
10/ 9																					3
4/ 3																					1
TOTAL	.6	6.1	6.7	8.0	14.0	16.0	17.7	15.7	10.5	3.3	1.0	.3	.1	.0	.0				2252		2243
																		2243		2243	

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.	6645969	114983	51.3	18.309	2243							
Dry Bulb	8658208	138708	61.6	7.139	2252			23.7	5.0	.1		93
Wet Bulb	6054654	115666	51.6	6.337	2243		.0	.8				93
Dew Point	4166209	93977	41.9	10.101	2243		17.9	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 36	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85														.0				1	1		
84/ 83								.0	.0			.0	.0					4	4		
82/ 81							.0	.0	.1				.0					5	5		
80/ 79								.0	.1	.3	.4	.1	.0	.0				27	27		
78/ 77					.1		.0	.1	.3	.3	.1	.0	.0					28	29		
76/ 75				.1	.1	.1	.1	.5	.4	.5	.2	.1	.1					61	61		
74/ 73			.1	.1	.3	.3	.5	.6	.5	.6	.4	.1	.1					101	104		
72/ 71			.2	.1	.5	.5	.8	1.0	.7	.5	.6	.1	.0					141	143		
70/ 69			.4	.3	.4	.7	1.4	1.5	.9	1.0	.3	.1						198	199	10	2
68/ 67	.0	.4	.5	.4	.5	1.4	1.3	2.0	1.6	1.0	.2							259	260	19	5
66/ 65		.3	.4	.6	1.0	1.0	1.4	1.9	1.2	.5	.1							235	236	43	18
64/ 63	.1	.3	.9	.8	1.1	1.6	2.1	1.2	1.1	.4	.1							273	273	74	27
62/ 61		.4	.6	.8	1.6	1.8	1.6	1.6	1.0	.2								268	268	113	40
60/ 59	.1	.6	.4	1.1	1.4	2.3	1.6	1.6	.7	.1								281	281	136	56
58/ 57	.0	.7	.6	.7	1.3	1.4	1.7	1.4	.1	.0	.0							223	223	223	68
56/ 55	.1	.4	.7	.6	.6	1.1	2.0	.9	.1	.1								182	182	267	103
54/ 53	.0	.6	.5	.8	.5	1.4	1.3	.2										152	152	299	118
52/ 51	.0	.4	.6	.6	.6	.9	.8		.1									111	111	346	124
50/ 49		.1	.5	.4	.6	.5	.3	.1										74	74	286	193
48/ 47	.1	.3	.3	.2	.7	.4	.2	.1										63	63	243	178
46/ 45	.0	.1	.3	.2	.5	.3	.1											45	45	221	189
44/ 43		.1	.3	.2	.3	.1	.1											35	35	185	212
42/ 41		.2	.0	.1	.0	.1												13	13	116	183
40/ 39	.0	.1	.0	.0		.0												6	6	77	185
38/ 37		.1	.1	.1		.1												9	9	46	156
36/ 35	.0																	1	1	24	164
34/ 33				.0														1	1	10	155
32/ 31																				5	135
30/ 29																				3	147
28/ 27																				1	101
26/ 25																					83
24/ 23																					71
22/ 21																					34
20/ 19																					16

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. dum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 2
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
18/ 17																					9
16/ 15																					3
14/ 13																					7
12/ 11																					5
10/ 9																					7
6/ 5																					3
TOTAL	.6	5.4	7.2	8.4	12.2	16.0	17.4	14.9	8.9	5.4	2.5	.6	.4	.1				2797	2806	2797	2797

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.	8014198	140406	50.2	18.587	2797							
Dry Bulb	10880512	173278	61.8	8.014	2806			27.6	7.7	.8		93
Wet Bulb	7529748	143832	51.4	6.907	2797		.3	1.0				93
Dew Point	5109998	115740	41.4	10.709	2797		20.6	.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																	.1	2	2		
96/ 95												.0	.1	.0		.1	.2	13	13		
94/ 93												.0	.0	.1	.2	.2	.3	26	26		
92/ 91											.1	.0	.1	.3	.4	.2	.2	40	41		
90/ 89										.1	.2	.3	.5	.4	.4	.4	.4	79	80		
88/ 87										.1	.3	.8	.7	1.0	.8	.4	.2	130	131		
86/ 85							.0			.4	.8	1.0	1.2	1.1	.8	.5	.0	174	175		
84/ 83							.0	.1	.3	.7	1.2	1.2	1.5	.9	.9	.1	.0	212	213		
82/ 81						.1	.1	.1	.6	1.0	1.2	1.3	1.7	1.3	.3	.0		231	231		
80/ 79					.1	.1	.2	.7	.8	1.2	1.6	1.7	1.4	.7	.1			260	261		
78/ 77				.0	.2	.1	.5	.7	1.1	1.5	2.0	1.6	1.0	.1				265	265		
76/ 75				.0	.2	.2	.6	.9	1.1	1.7	1.7	1.1	.6	.0				243	243		
74/ 73		.1		.1	.3	.5	.9	1.0	1.4	1.3	1.6	.9	.2					246	246	2	
72/ 71			.0	.4	.2	.5	1.1	.8	1.2	1.6	1.2	.5	.1					230	230	23	
70/ 69		.1	.3	.3	.3	.6	.6	1.2	1.2	1.1	1.0	.2	.1					209	209	34	3
68/ 67		.1	.2	.2	.4	.6	.8	.9	.8	1.0	.3	.2	.0					165	165	82	15
66/ 65		.0	.2	.3	.4	.4	.6	.7	.5	.7	.1	.1	.0	.0				126	126	216	20
64/ 63		.1	.2	.2	.2	.3	.4	.4	.5	.3	.1	.0						84	84	279	28
62/ 61		.3	.2	.3	.2	.3	.5	.5	.2	.2	.0							80	80	350	51
60/ 59		.2	.2	.3	.4	.3	.2	.2	.2	.1								58	58	408	69
58/ 57		.1	.2	.2	.1	.2	.2	.2	.1	.0								42	42	436	97
56/ 55		.0	.2	.3	.0	.1		.1	.0									21	21	370	134
54/ 53			.2	.0	.2		.1	.1										16	16	284	173
52/ 51		.1	.2	.2	.0	.0												16	16	196	185
50/ 49		.0	.1	.0	.1	.0	.0											8	8	132	210
48/ 47		.0		.1	.1													6	6	77	181
46/ 45					.0													1	1	49	238
44/ 43				.0														1	1	24	224
42/ 41																				13	195
40/ 39																				8	215
38/ 37																				1	162
36/ 35																					168
34/ 33																					154
32/ 31																					141

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					120
28/ 27																					59
26/ 25																					63
24/ 23																					25
22/ 21																					12
20/ 19																					10
18/ 17																					11
16/ 15																					9
14/ 13																					4
12/ 11																					3
10/ 9																					3
8/ 7																					1
6/ 5																					1
TOTAL		1.1	2.0	3.2	3.4	4.4	6.7	8.7	10.2	13.0	13.5	11.1	9.2	6.1	3.9	2.0	1.4		2990		2984
																		2984		2984	

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.	4504446	104742	35.1	16.659	2984							
Dry Bulb	17267580	225686	75.5	8.824	2990			78.7	59.9	33.1	1.3	93
Wet Bulb	10080373	172605	57.8	5.682	2984			4.4	.1			93
Dew Point	5921563	129419	43.4	10.170	2984		14.4	.6				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.0	1	1		
102/101																	.1	4	4		
100/ 99														.0	.0	.2	.9	33	33		
98/ 97													.1	.2	.1	.3	1.4	63	63		
96/ 95												.0	.0	.3	.7	.8	2.1	120	122		
94/ 93												.1	.4	.7	.8	1.3	2.7	180	182		
92/ 91											.1	.4	.7	1.5	2.1	2.2	1.6	255	257		
90/ 89										.1	.3	.7	1.2	1.9	1.8	1.9	1.1	270	270		
88/ 87								.0	.1	.1	.6	1.4	1.7	2.3	2.1	2.0	.3	315	315		
86/ 85							.0	.1	.1	.5	.8	1.3	2.1	2.1	1.7	.8	.1	290	290		
84/ 83							.1	.1	.3	.5	1.0	1.4	2.0	1.9	1.1	.1	.0	258	258		
82/ 81						.1		.1	.3	1.0	1.2	1.8	1.6	.9	.3	.1		225	225		
80/ 79					.1	.1	.1	.3	.5	1.0	1.8	1.3	1.0	.5	.1			204	204		
78/ 77				.0	.0	.1	.2	.6	.6	.6	.9	.9	.8	.3				154	154		
76/ 75					.2	.2	.4	.7	1.1	.7	.6	.6	.4	.3				157	157		
74/ 73				.2	.2	.2	.3	.5	.3	.7	.4	.6	.5	.1				122	122	10	
72/ 71			.1	.0	.2	.2	.3	.4	.3	.5	.3	.5	.2					87	87	30	
70/ 69		.0	.1	.1	.1	.1	.5	.1	.4	.5	.2	.2	.1					71	71	94	3
68/ 67			.0	.1	.2	.3	.1	.1	.2	.4	.1	.1						49	49	179	8
66/ 65		.1	.1	.2	.2	.1	.1	.1	.2	.1	.0							37	37	318	18
64/ 63		.1	.0		.1	.2	.3	.2	.1	.0	.1							33	33	444	22
62/ 61		.0	.0	.2		.1	.2	.1	.0									21	21	514	37
60/ 59		.1		.1	.2	.1	.1		.0									17	17	493	64
58/ 57		.0		.0			.1	.0	.1	.1								9	9	374	84
56/ 55		.1		.1	.0	.0			.0									7	7	210	118
54/ 53			.0	.0					.1									4	4	115	176
52/ 51			.1	.1		.0	.1											7	7	92	168
50/ 49		.1	.1															4	4	70	210
48/ 47																				33	199
46/ 45																				9	205
44/ 43																				4	259
42/ 41																				5	212
40/ 39																				3	218
38/ 37																					172

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
36/ 35																					208
34/ 33																					146
32/ 31																					121
30/ 29																					107
28/ 27																					85
26/ 25																					46
24/ 23																					40
22/ 21																					29
20/ 19																					12
18/ 17																					17
16/ 15																					8
14/ 13																					2
12/ 11																					3
TOTAL		.5	.5	1.0	1.4	2.0	3.1	3.4	4.7	6.7	8.3	11.3	13.0	13.1	11.0	9.5	10.4		3003		2997
																		2997		2997	

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.	2733680	80268	26.8	13.960	2997							
Dry Bulb	21132203	250525	83.4	8.794	3003			88.7	82.3	66.0	12.5	93
Wet Bulb	11070916	161526	60.6	5.037	2997			9.7	.3			93
Dew Point	5784788	128240	42.8	9.964	2997		14.6	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.0	1	1		
102/101																	.2	7	7		
100/ 99														.0	.1	.1	1.0	37	38		
98/ 97															.1	.5	1.6	65	65		
96/ 95													.1	.2	1.0	1.3	3.1	166	168		
94/ 93												.1	.4	.7	1.6	2.2	3.3	242	245		
92/ 91											.1	.2	1.0	1.8	2.1	2.3	2.3	286	286		
90/ 89									.1	.0	.2	.7	1.1	1.8	2.2	2.0	1.7	281	281		
88/ 87								.0	.0	.2	.4	.6	1.5	2.0	2.5	1.6	.2	258	258		
86/ 85							.1	.0	.2	.4	.6	1.4	2.1	2.4	1.9	.7		282	282		
84/ 83							.2	.0	.0	.4	1.2	1.3	2.0	1.5	.9	.1	.0	219	219		
82/ 81						.1	.1	.2	.4	1.0	1.3	1.7	1.3	.9	.4	.0	.0	215	215		
80/ 79					.0	.1	.1	.2	.3	.8	1.6	1.4	1.2	.4	.2			185	185		
78/ 77						.1	.2	.4	.7	.9	.7	.8	.7	.6	.1			149	149		
76/ 75			.0	.0	.0	.1	.2	.5	.6	.6	.4	.5	.4	.4				109	109	1	
74/ 73			.1	.2	.1	.3	.2	.3	.4	.7	.6	.4	.4	.1				112	112	9	
72/ 71		.0	.0	.0	.0	.1	.3	.3	.1	.3	.4	.1	.1	.1				62	62	23	
70/ 69		.0			.2	.2	.2	.3	.2	.3	.3	.1						53	53	84	3
68/ 67		.0	.1	.1	.1	.2	.2	.3	.2	.2	.2							47	47	178	15
66/ 65			.2	.2	.0	.1	.1	.1	.3	.0	.1							33	33	309	13
64/ 63		.1	.1	.0	.1	.0	.2	.2		.0								22	22	452	12
62/ 61		.1	.0		.0	.1	.1	.3	.0	.1								21	21	534	27
60/ 59		.1	.2	.1	.1	.1	.1	.0		.0								20	20	504	57
58/ 57		.1	.0	.0	.1	.1				.1								12	12	328	85
56/ 55		.0	.0	.0														3	3	187	86
54/ 53				.0			.0		.1									5	5	98	142
52/ 51			.0	.1	.0	.0												6	6	96	150
50/ 49		.0	.1															3	3	46	179
48/ 47																				32	215
46/ 45																				9	214
44/ 43																				2	238
42/ 41																				5	239
40/ 39																				1	237
38/ 37																				3	203

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVI. 'MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					196
34/ 33																					154
32/ 31																					124
30/ 29																					97
28/ 27																					59
26/ 25																					57
24/ 23																					36
22/ 21																					16
20/ 19																					23
18/ 17																					8
16/ 15																					7
14/ 13																					4
12/ 11																					2
10/ 9																					2
6/ 5																					1
TOTAL		.5	.9	.9	.9	1.7	2.2	3.3	3.6	5.9	8.0	9.4	12.4	12.9	13.0	10.9	13.5		2907		2901
																		2901		2901	

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.	2451761	74163	25.6	13.844	2901							
Dry Bulb	20940169	245373	84.4	8.873	2907			89.0	83.8	69.7	16.8	93
Wet Bulb	10765829	176149	60.7	4.915	2901			9.5	.3			93
Dew Point	5478992	122906	42.4	9.679	2901		14.0	.6				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95																	.2	4	4		
94/ 93														.0	.0		.2	6	6		
92/ 91													.0	.3	.2	.4	.2	29	30		
90/ 89											.1	.2	.8	.4	.3	.3	.2	61	62		
88/ 87										.2	.2	.6	1.0	.9	.7	.3	.1	107	110		
86/ 85									.2	.3	.7	1.5	1.2	.6	.9	.2	.0	146	149		
84/ 83						.0	.0	.1	.2	1.0	1.3	1.6	1.2	1.0	.7	.1		195	195		
82/ 81						.0	.1	.3	.6	1.1	1.7	2.2	1.4	.6	.2	.0		220	221		
80/ 79					.2	.2	.2	.5	.8	1.9	2.7	1.9	.8	.5	.1			253	253		
78/ 77				.0	.0	.3	.3	.5	1.1	1.7	2.5	1.2	.7	.4	.1			234	234		
76/ 75		.0	.0	.1	.2	.1	.4	.9	1.8	2.4	2.4	1.2	.5	.0				266	266	1	1
74/ 73				.2	.2	.2	.5	1.0	1.7	2.0	1.7	.8	.3	.0	.0			232	232	2	
72/ 71			.0	.1	.2	.5	.8	1.0	1.6	1.7	.7	.2	.0	.0				179	179	12	1
70/ 69		.1	.2	.2	.5	.8	.9	.9	1.6	1.4	.8	.1	.2					204	204	30	4
68/ 67		.1	.2	.3	.5	.8	.8	.7	.8	.7	.3	.1						141	141	71	7
66/ 65			.2	.2	.3	.2	.5	.7	1.0	.3	.0	.0						92	92	170	18
64/ 63			.3	.3	.6	.5	.4	.5	.2	.2	.1							79	79	232	26
62/ 61		.1	.2	.2	.2	.3	.6	.6	.2	.1								66	66	346	38
60/ 59		.3	.1	.1	.3	.4	.4	.2	.2	.1								51	51	416	49
58/ 57		.1	.2	.0	.2	.2	.2	.1		.0								27	27	414	86
56/ 55		.1	.1	.3	.2	.1			.1									21	21	317	101
54/ 53		.1	.0	.0	.2	.1	.0											12	12	245	147
52/ 51				.1	.0		.1											5	5	156	187
50/ 49		.0	.1	.2				.0										9	9	117	197
48/ 47					.0		.0											2	2	54	219
46/ 45																				30	239
44/ 43																				17	203
42/ 41																				3	224
40/ 39																				6	178
38/ 37																					189
36/ 35																				2	148
34/ 33																					106
32/ 31																					90
30/ 29																					56

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					41
26/ 25																					30
24/ 23																					19
22/ 21																					13
20/ 19																					8
18/ 17																					8
16/ 15																					2
14/ 13																					6
TOTAL		.9	1.6	2.2	3.8	4.8	6.4	8.0	12.2	15.0	15.1	11.7	8.3	4.7	3.3	1.4	.8	2641	2650	2641	2641

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.	3943711	93705	35.5	15.312	2641							
Dry Bulb	15295176	200144	75.5	8.222	2650			80.2	[illegible]	32.5	.4	93
Wet Bulb	8986692	153414	58.1	5.329	2641			4.1	.1			93
Dew Point	5380983	116675	44.2	9.262	2641		9.6	.5	.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87													.1					2	2		
86/ 85											.0	.1	.0		.1			7	8		
84/ 83									.1	.0	.2	.4	.2	.2	.1			26	28		
82/ 81							.1	.1	.1	.4	.4	.2	.3	.0	.1			37	41		
80/ 79						.0	.1	.4	.4	1.0	1.2	.6	.4	.2	.0			98	100		
78/ 77					.1	.2	.3	.8	.6	1.6	1.7	.6	.3	.0				137	137		
76/ 75			.2	.1	.3	.5	.7	1.2	1.9	2.1	1.6	.5	.3	.0				212	212		
74/ 73			.2	.2	.3	.4	.6	1.2	2.0	2.4	.6	.6	.1					193	193		
72/ 71			.2	.2	.4	.4	1.0	1.5	2.3	2.4	1.0	.4	.1					222	222	6	
70/ 69			.4	.4	.4	.7	1.1	2.2	2.9	1.7	.8	.2		.0				243	243	15	5
68/ 67		.0	.4	.6	.7	1.5	1.5	2.3	2.3	1.0	.1		.1					234	234	30	10
66/ 65	.0		.3	.5	.9	.7	1.6	1.4	1.8	.7	.1	.1						183	183	66	14
64/ 63		.1	.2	.8	.6	.9	1.1	2.1	1.1	.1	.1							159	159	99	27
62/ 61	.0	.3	.5	.9	.6	1.0	1.4	1.6	.6	.0								157	157	139	31
60/ 59		.2	.4	.7	.5	.7	1.0	.7	.2	.0								102	102	245	47
58/ 57		.3	.5	.4	.7	.7	.4	.4	.4									87	87	315	68
56/ 55		.2	.1	.3	.4	.4	.6	.2	.2									58	58	330	79
54/ 53		.1	.4	.3	.2	.4	.2	.0	.1									38	38	280	116
52/ 51		.1	.3	.1	.3	.2	.0	.0										24	24	239	132
50/ 49		.0	.2	.3	.2													16	16	214	153
48/ 47		.0	.2	.1	.0			.0										9	9	119	146
46/ 45		.0	.1		.1													6	6	68	194
44/ 43				.0		.0												2	2	54	180
42/ 41			.0															1	1	20	193
40/ 39																				10	178
38/ 37																				2	168
36/ 35																					137
34/ 33																				2	117
32/ 31																					63
30/ 29																					76
28/ 27																					41
26/ 25																					28
24/ 23																					12
22/ 21																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
OCT — MONTH

PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					10
18/ 17																					6
16/ 15																					5
14/ 13																					5
12/ 11																					1
TOTAL	.1	1.5	4.7	5.9	6.6	8.7	11.7	16.2	16.8	13.4	7.9	3.7	2.0	.5	.3				2262		2253
																		2253		2253	

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.	4895696	97862	43.4	16.923	2253							
Dry Bulb	10721912	154796	68.4	7.545	2262			58.4	29.6	5.1		93
Wet Bulb	6903071	124039	55.1	5.736	2253			2.1				93
Dew Point	4470007	98023	43.5	9.547	2253		10.6	.6				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,63-64,71,73 — YEARS
NOV — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73									.1		.1							2	2		
72/ 71								.1										1	1		
70/ 69							.1		.1									2	2		
68/ 67						.1		.1	.1									5	6		
66/ 65			.1	.1	.1	.1	.2	.1	.1									13	15		
64/ 63			.2		.2	.4	.2	.4	.3	.2								34	34		
62/ 61		.1	.4	.3	.9	.5	.6	1.4	.5	.1	.1							89	89	5	
60/ 59		.1	.2	.5	.9	1.0	1.4	1.3	1.0	.3								125	125	5	4
58/ 57		.3	.7	.5	1.1	1.9	1.8	1.6	.6	.1								160	160	15	6
56/ 55	.1	.4	1.0	1.4	1.4	2.7	1.9	1.0	.4									191	191	36	9
54/ 53	.3	.6	.7	1.1	2.4	2.5	1.3	1.1	.2	.1								194	194	66	16
52/ 51	.1	1.0	1.5	1.5	2.0	2.2	1.1	.3	.2									183	183	78	33
50/ 49	.2	.9	1.9	2.1	2.5	2.3	.8	1.0	.1									224	224	130	55
48/ 47	.3	.5	2.0	1.4	1.8	1.6	1.2	.4										173	173	217	59
46/ 45	.3	1.4	1.1	1.7	1.2	1.9	.7	.2										159	159	265	80
44/ 43	.3	1.4	1.4	1.2	1.2	1.1	.3											129	129	265	92
42/ 41		.6	1.3	.4	.7	.7	.1											71	71	216	138
40/ 39	.1	1.0	.8	.5	.6	.4												62	62	179	120
38/ 37	.1	1.1	.3	.3	.4	.2												45	45	149	132
36/ 35		.4	.2	.3	.3													22	22	135	184
34/ 33		.1			.1													2	2	66	147
32/ 31																				36	159
30/ 29																				14	117
28/ 27																				8	82
26/ 25																				1	79
24/ 23																					57
22/ 21																					82
20/ 19																					40
18/ 17																					57
16/ 15																					44
14/ 13																					21
12/ 11																					20
10/ 9																					11
8/ 7																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-60,63-64,71,73 — YEARS
NOV — MONTH

PAGE 2

0000-0200 — HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					20
4/ 3																					2
2/ 1																					4
0/ -1																					2
-2/ -3																					1
TOTAL	1.6	9.7	13.8	13.1	17.6	19.4	11.4	9.0	3.5	.6	.1								1889		1886
																		1886		1886	

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.	6338783	102213	54.2	20.592	1886							
Dry Bulb	5018036	96522	51.1	6.752	1889			.5	.1			90
Wet Bulb	3608755	81739	43.3	5.926	1886		2.8					90
Dew Point	2309469	62883	33.3	10.626	1886	.1	38.7					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
70/ 69								.0		.0								2	2		
68/ 67						.0			.0									2	2		
66/ 65			.0	.1		.0	.1	.0	.1		.0							11	11		
64/ 63				.1	.1	.1	.0	.2	.0	.0								15	18		
62/ 61		.3	.1	.1	.3		.3	.4	.1	.0								37	37	2	
60/ 59		.3	.0	.5	.9	.4	.5	.5	.3									74	74	9	4
58/ 57		.1	.6	.4	.4	1.1	1.3	1.1	.2		.0							115	115	13	6
56/ 55	.1	.6	.8	.7	1.1	1.6	2.1	1.0	.2									176	176	17	13
54/ 53	.2	.7	.7	1.3	2.2	2.1	1.3	.6	.2	.1								203	203	64	15
52/ 51	.2	.9	1.1	1.8	2.4	2.6	1.9	.6	.1									251	251	60	38
50/ 49	.1	1.2	1.6	1.8	2.9	1.9	1.3	.2	.0									240	240	107	44
48/ 47		1.1	2.8	1.9	2.2	1.8	.7	.3										233	233	156	60
46/ 45	.4	1.3	2.2	1.8	2.1	1.6	.7	.0										216	216	262	71
44/ 43	.2	.8	2.0	1.2	1.7	1.0	.2											154	154	301	94
42/ 41	.3	1.1	1.4	.9	1.5	1.1	.0											138	138	268	115
40/ 39	.3	1.4	1.0	.7	1.5	.4	.0											116	116	254	162
38/ 37	.1	1.2	.7	.6	.7	.2												77	77	221	140
36/ 35	.1	1.0	.6	.7	.5	.0												65	65	142	185
34/ 33		.7	.1	.2	.1													26	26	135	180
32/ 31		.2	.1	.1														9	9	86	193
30/ 29																				44	150
28/ 27				.0														1	1	15	105
26/ 25																				4	126
24/ 23																				1	97
22/ 21	.0																	1	1	1	83
20/ 19																					54
18/ 17																					64
16/ 15																					64
14/ 13																					32
12/ 11																					30
10/ 9																					12
8/ 7																					4
6/ 5																					8
4/ 3																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

0300-0500 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					5
-6/ -7																					1
-8/ -9																					2
TOTAL	2.1	12.9	16.0	15.2	20.4	16.1	10.5	5.0	1.4	.2	.1								2165		2162
																		2162		2162	

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.	7950444	123450	57.1	20.424	2162							
Dry Bulb	5211715	105189	48.6	6.831	2165		.5	.2				90
Wet Bulb	3842560	90182	41.7	6.117	2162		6.3					90
Dew Point	2513499	70281	32.5	10.291	2162	.1	43.1					

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73												.0						1	1		
70/ 69									.0		.1							2	3		
68/ 67					.0				.0	.0								3	3		
66/ 65				.1	.1	.1	.0	.1	.1	.0								14	14		
64/ 63			.1	.1	.0	.1	.3	.3	.2	.0								29	30		
62/ 61		.1	.1	.2	.3	.3	.4	.5	.4	.0								66	66	1	
60/ 59		.1	.3	.3	.4	.3	.6	.8	.3	.0								79	80	9	2
58/ 57		.4	.4	.6	.3	.9	.7	1.0	.2	.1								128	129	15	6
56/ 55	.1	.6	.4	.7	1.0	1.3	1.3	.7	.1	.1								171	171	32	17
54/ 53	.1	.6	.8	1.5	1.5	1.9	2.3	.5	.1	.0								250	250	62	27
52/ 51	.2	1.0	1.0	1.4	2.0	2.0	2.0	.4	.1									274	274	91	39
50/ 49	.1	1.0	1.4	1.7	3.1	2.1	1.1	.1	.1									290	291	117	50
48/ 47		1.0	1.6	2.5	2.3	1.3	1.4	.3										282	282	189	66
46/ 45	.1	1.4	2.4	2.1	2.0	1.5	.8	.1										282	282	257	83
44/ 43	.1	1.3	1.9	1.1	1.6	1.5	.3											208	208	347	89
42/ 41	.1	1.3	1.9	1.0	1.6	1.0	.1											184	184	384	144
40/ 39	.1	1.4	1.4	.9	1.3	.9												161	161	304	192
38/ 37	.1	1.5	1.2	.9	.6	.3												121	121	261	189
36/ 35	.1	.9	.7	.6	.3													70	70	236	222
34/ 33		1.1	.3	.3	.2													48	48	161	219
32/ 31	.1	.2	.1	.2	.0													15	15	134	231
30/ 29		.1	.0	.1														6	6	51	210
28/ 27				.0														1	1	25	150
26/ 25			.1															2	2	7	175
24/ 23																				3	122
22/ 21																				2	89
20/ 19																					80
18/ 17																					98
16/ 15																					56
14/ 13																					44
12/ 11																					37
10/ 9																					18
8/ 7																					15
6/ 5																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

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
4/ 3																					4
2/ 1																					1
0/ -1																					1
-8/ -9																					2
-10/-11																					1
TOTAL	1.3	14.0	16.3	16.1	18.6	15.4	11.3	4.9	1.6	.4	.1	.0							2692		2688
																		2688		2688	

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.	9884157	153651	57.2	20.244	2688							
Dry Bulb	6373981	129581	48.1	7.123	2692		.8	.2	.0			90
Wet Bulb	4688591	111013	41.3	6.216	2688		7.4					90
Dew Point	3049561	86341	32.1	10.139	2688	.1	45.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85															.0	.1		3	3		
84/ 83													.0	.1	.1	.0		6	6		
82/ 81												.1	.1	.3	.1			17	17		
80/ 79											.0	.2	.3	.4				26	26		
78/ 77									.1	.2	.4	.6	.5	.1		.0		55	55		
76/ 75							.0	.0	.0	.2	.5	.7	.6	.1				63	63		
74/ 73								.1	.6	.6	.8	.9	.4	.1	.0			100	100		
72/ 71						.1	.2	.2	.7	1.4	1.9	.9	.0					151	151		
70/ 69					.1	.1	.3	.8	.9	1.3	1.3	.4	.1	.0				152	153		
68/ 67				.0	.2	.3	.6	1.0	1.8	1.8	1.4	.2	.1					210	211		
66/ 65			.0	.2	.3	.6	1.3	2.1	1.6	1.9	.6	.2						250	250		
64/ 63		.0	.2	.3	.3	1.1	1.1	1.8	1.8	1.0	.8							237	237	1	
62/ 61			.4	.4	.7	1.4	1.7	1.6	1.8	.9	.2							257	258	20	
60/ 59		.0	.4	.5	1.1	1.9	1.6	1.8	1.4	.6	.2							267	267	52	3
58/ 57		.2	.2	1.0	1.5	1.8	1.9	1.0	1.2	.1	.0							253	253	107	12
56/ 55		.1	.5	1.0	1.4	1.4	1.0	1.1	.7	.1								203	203	217	30
54/ 53	.1	.4	.7	1.2	1.1	1.3	1.2	.7	.3	.0								198	199	290	42
52/ 51	.0	.3	.6	1.1	1.0	.8	.7	.4	.0									139	139	417	32
50/ 49		.1	.7	.9	.8	.3	.4	.3										97	97	429	65
48/ 47		.3	.6	.4	.4	.2	.2	.0										62	62	396	133
46/ 45	.0	.2	.4	.6	.4	.2												54	54	317	154
44/ 43		.1	.2	.2	.1	.1												21	21	246	174
42/ 41	.0	.1	.2	.1	.1	.1												18	18	171	206
40/ 39		.1	.2	.0	.0	.0												12	12	103	214
38/ 37		.0	.0		.0													3	3	49	243
36/ 35		.0																1	1	25	237
34/ 33																				10	208
32/ 31																				4	215
30/ 29																				1	192
28/ 27																					129
26/ 25																					138
24/ 23																					130
22/ 21																					82
20/ 19																					59

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					46
16/ 15																					30
14/ 13																					19
12/ 11																					30
10/ 9																					11
8/ 7																					4
6/ 5																					8
4/ 3																					4
0/ -1																					2
-2/ -3																					1
-8/ -9																					1
-10/-11																					1
TOTAL	.2	2.1	5.3	7.8	9.5	11.6	11.9	12.8	12.8	10.2	8.0	4.3	2.0	1.1	.2	.1		2855	2859	2855	2855

Element (λ)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5805268	116964	41.0	18.844	2855
Dry Bulb	10979609	175571	61.4	8.321	28[illegible]
Wet Bulb	6865239	139185	48.8	5.287	[illegible]8
Dew Point	3750199	99593	34.9	9.834	

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			24.7	8.5	1.1		90
Wet Bulb		.2					90
Dew Point	.2	34.7					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91																	.1	3	3		
90/ 89														.0	.0	.2	.1	13	13		
88/ 87														.1	.2	.4	.2	26	26		
86/ 85											.0	.0	.3	.3	.6	.6	.1	54	54		
84/ 83										.0	.0	.2	.6	.6	1.4	.1	.0	88	88		
82/ 81											.1	.7	1.1	1.8	.9	.1	.1	138	138		
80/ 79									.1	.1	.8	1.2	2.1	1.9	.4	.0		190	190		
78/ 77									.1	.5	.8	2.1	2.5	1.0	.2	.1		209	209		
76/ 75								.3	.6	1.0	2.1	2.0	1.7	.6	.1			242	242		
74/ 73						.0	.1	.3	.8	2.1	2.2	2.2	1.3	.3	.0			273	274		
72/ 71						.2	.5	.8	1.1	1.7	1.8	1.9	.6	.1				250	252		
70/ 69					.1	.3	.5	.8	1.9	1.8	2.1	1.5	.2					262	262		
68/ 67					.1	.2	.9	1.5	1.4	1.8	1.1	.5						218	218		
66/ 65			.0	.2	.1	.6	1.2	1.1	1.2	1.3	1.0	.5						204	204	2	
64/ 63			.0	.3	.5	.6	.9	1.4	1.6	.6	.6	.1						190	190	14	
62/ 61		.0	.1	.2	.5	.6	.9	1.0	.8	.3	.3	.0						139	139	63	
60/ 59		.1	.1	.3	.5	.7	.6	1.1	.7	.3	.1							130	130	191	
58/ 57		.1	.1	.3	.5	.3	.8	.7	.1	.1								86	86	295	10
56/ 55		.1	.2	.3	.3	.5	.4	.5	.1									68	68	530	24
54/ 53	.1	.1	.1	.2	.2	.2	.1	.1	.1									38	38	488	48
52/ 51	.0	.2	.2	.2	.2	.1	.1		.0									30	30	372	47
50/ 49		.1	.1	.0	.2	.0		.0										12	12	373	82
48/ 47		.0	.1															3	3	241	103
46/ 45		.1	.0															3	3	143	142
44/ 43		.0																1	1	106	174
42/ 41		.1																4	4	39	196
40/ 39		.0																1	1	11	220
38/ 37																				7	193
36/ 35																					229
34/ 33																					239
32/ 31																					219
30/ 29																					209
28/ 27																					154
26/ 25																					163

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					129
22/ 21																					84
20/ 19																					50
18/ 17																					46
16/ 15																					30
14/ 13																					18
12/ 11																					17
10/ 9																					11
8/ 7																					11
6/ 5																					9
4/ 3																					10
2/ 1																					6
-2/ -3																					1
-4/ -5																					1
-18/-19																					1
TOTAL	.2	1.0	1.0	2.1	3.1	4.4	7.1	9.5	10.9	11.7	12.8	13.0	10.4	6.9	3.8	1.5	.6		2878		2876
																		2875		2875	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3329400	86358	30.0	15.996	2875
Dry Bulb	14488431	202785	70.5	8.340	2878
Wet Bulb	8022991	151289	52.6	4.638	2875
Dew Point	3715404	99324	34.5	9.960	2876

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			61.6	38.7	13.2		90
Wet Bulb							90
Dew Point	.1	36.6					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91															.0	.0	.0	3	3		
90/ 89														.1	.1	.1	.1	12	12		
88/ 87													.0	.1	.2	.5		26	26		
86/ 85													.2	.5	.7	.6	.1	58	58		
84/ 83											.1	.2	1.0	1.1	1.3	.5		120	120		
82/ 81											.3	.3	1.7	1.8	1.2	.0	.1	149	149		
80/ 79									.2	.1	.8	1.2	2.2	2.2	.6	.1		210	210		
78/ 77								.1	.3	.5	1.4	2.8	1.7	1.0	.1	.0		223	224		
76/ 75								.2	.8	1.1	2.4	2.2	1.6	.5	.1			247	247		
74/ 73							.1	.3	.9	1.9	2.2	2.0	1.2	.2	.1			245	246		
72/ 71						.2	.4	.8	1.8	2.2	2.2	1.8	.9	.1				284	285		
70/ 69						.2	.5	.8	1.7	1.5	1.8	1.0	.3					217	217		
68/ 67					.3	.2	.9	1.3	1.2	1.9	.8	.4	.1					199	199		
66/ 65			.1	.1	.1	.4	.8	1.5	1.7	1.3	.5	.6						199	199	1	
64/ 63			.2	.1	.2	.5	.4	1.4	.7	.9	.4	.1						138	138	21	
62/ 61			.1	.1	.4	.5	.6	1.1	.8	.6	.3							125	125	66	1
60/ 59		.1	.0	.3	.2	.6	.7	1.3	.5	.4								114	114	197	2
58/ 57		.0	.2	.2	.2	.6	.6	.6	.3	.2								82	82	330	11
56/ 55		.2	.3	.0	.2	.4	.3	.2		.0								45	45	550	21
54/ 53	.0	.2	.1	.5	.2	.1	.3		.1									41	41	435	31
52/ 51		.3	.2	.0	.1	.1		.0										20	20	363	45
50/ 49		.1	.1		.1	.1		.0										12	12	344	82
48/ 47		.0	.1		.0	.0												6	6	197	82
46/ 45		.0																1	1	151	135
44/ 43		.1	.1															6	6	77	157
42/ 41		.1																2	2	37	210
40/ 39																				10	231
38/ 37																				4	257
36/ 35																				1	248
34/ 33																					178
32/ 31																					199
30/ 29																					203
28/ 27																					156
26/ 25																					141

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					97
22/ 21																					94
20/ 19																					53
18/ 17																					36
16/ 15																					31
14/ 13																					14
12/ 11																					23
10/ 9																					12
8/ 7																					13
6/ 5																					10
4/ 3																					2
2/ 1																					4
0/ -1																					3
-2/ -3																					1
-4/ -5																					1
TOTAL	.0	1.2	1.4	1.4	2.0	3.9	5.5	9.6	10.8	12.5	13.3	12.7	11.0	7.6	4.6	2.0	.3		2787		2784
																		2784		2784	

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.	3063913	81523	29.3	15.593	2784							
Dry Bulb	1432,530	198482	71.2	8.349	2787			64.5	41.8	15.6		90
Wet Bulb	7866217	147427	53.0	4.612	2784							90
Dew Point	3608104	96480	34.7	9.750	2784	-2	35.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83															.0			1	1		
82/ 81													.0					1	1		
80/ 79												.0	.1	.2				7	7		
78/ 77										.2	.2	.4	.2	.0				27	27		
76/ 75								.0	.1	.4	.4	.6	.2					42	42		
74/ 73						.0	.1	.2	.4	.6	.6	.9	.1	.0				75	75		
72/ 71					.0	.0	.2	.4	.9	1.2	.8	.6						101	101		
70/ 69					.2	.1	.6	1.2	1.8	1.4	1.1	.3	.0					170	170		
68/ 67				.1	.2	.6	.8	2.1	2.4	1.5	.8	.2						218	218		
66/ 65			.1	.2	.4	.6	1.7	2.3	2.5	1.5	.7	.0						249	249		
64/ 63		.0	.3	.2	.4	1.4	1.9	2.6	1.3	.9	.4							235	235	3	
62/ 61			.4	.3	.9	1.5	2.4	2.3	1.7	.6	.2							257	257	24	
60/ 59		.0	.4	.4	1.4	1.9	2.1	1.7	1.3	.5								247	247	36	10
58/ 57			.5	.6	.9	2.1	1.5	1.8	.9	.3	.0							216	216	106	10
56/ 55		.2	.5	.9	1.2	1.4	1.9	1.5	.6									208	208	175	26
54/ 53	.1	.4	.5	.8	1.4	1.1	.9	.9	.3									159	159	332	23
52/ 51		.4	.6	.7	.8	.7	.9	.6	.1									121	121	370	52
50/ 49	.0	.5	.4	.5	.7	.7	.4	.2										86	86	365	83
48/ 47		.4	.2	.7	.2	.4	.2											52	52	354	104
46/ 45		.0	.2	.2	.2	.2	.1											23	23	260	167
44/ 43		.2	.1	.1			.1											13	13	193	170
42/ 41		.1				.0												3	3	157	188
40/ 39		.2																4	4	89	228
38/ 37																				37	240
36/ 35																				8	211
34/ 33																				4	161
32/ 31																				2	160
30/ 29																					131
28/ 27																					114
26/ 25																					102
24/ 23	.0																	1	1	1	95
22/ 21																					75
20/ 19																					40
18/ 17																					48

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					24
14/ 13																					20
12/ 11																					6
10/ 9																					7
8/ 7																					10
6/ 5																					4
4/ 3																					3
2/ 1																					2
0/ -1																					2
TOTAL	.2	2.4	4.2	5.8	8.7	12.7	15.7	17.8	14.4	8.9	5.2	3.1	.7	.2	.0				2516		2516
																		2516		2516	

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.	5157628	105034	41.7	17.530	2516							
Dry Bulb	9605433	154375	61.4	7.283	2516		.0	23.0	5.5	.2		90
Wet Bulb	6132518	123524	49.1	5.202	2516		.1					90
Dew Point	3476464	90266	35.9	9.728	2516	.1	30.2					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77											.1							3	3		
74/ 73							.0				.1							3	3		
72/ 71						.0	.0	.0		.1	.0	.0						7	7		
70/ 69					.0	.0			.2	.2	.1	.0						13	14		
68/ 67			.0	.0	.0	.2	.1	.1	.3	.1	.1							26	27		
66/ 65				.2	.3	.5	.7	.9	.9	.4	.1	.0						85	85		
64/ 63			.1	.1	.7	.5	1.3	1.6	.8	.4	.3							124	125	1	
62/ 61			.3	.5	.8	1.2	1.4	1.5	1.0	.3		.0						149	149	7	
60/ 59		.2	.5	.6	1.1	1.7	1.7	1.4	1.3	.1	.0							184	184	10	3
58/ 57		.3	.6	.8	1.8	2.4	2.2	1.5	1.3	.3	.1							237	237	37	6
56/ 55		.3	.7	.9	2.7	2.7	1.9	.8	.7	.0								230	230	57	15
54/ 53	.1	.8	.9	1.6	2.0	2.2	1.7	.8	.3									216	216	101	34
52/ 51	.1	.8	1.3	1.7	1.5	2.1	1.8	.8	.2									211	211	176	40
50/ 49	.0	.8	1.3	1.8	1.4	2.0	1.5	.6	.0									201	201	234	66
48/ 47	.2	.8	1.1	1.5	1.6	1.3	1.0	.2										161	161	280	77
46/ 45	.1	.5	1.2	1.0	1.1	1.1	.6	.0										118	118	308	104
44/ 43	.0	.3	.7	.6	.6	.4	.1											58	58	242	109
42/ 41	.0	.5	.7	.2	.3	.5	.0											50	50	217	163
40/ 39	.2	.5	.2	.1	.1	.1												27	27	188	179
38/ 37		.1	.1	.0	.1	.0												10	10	131	172
36/ 35																				72	180
34/ 33																				31	137
32/ 31																				13	152
30/ 29																				8	118
28/ 27																					99
26/ 25																					94
24/ 23																					68
22/ 21																					68
20/ 19																					49
18/ 17																					52
16/ 15																					36
14/ 13																					27
12/ 11																					20
10/ 9																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
NOV — MONTH

PAGE 2

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					9
6/ 5																					6
4/ 3																					11
2/ 1																					3
0/ -1																					2
-6/ -7																					1
TOTAL	.7	5.8	9.7	11.8	16.2	19.1	16.1	10.2	7.0	2.1	1.0	.2						2113	2116	2113	2113

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.	6084783	105793	50.1	19.316	2113							
Dry Bulb	6373123	115257	54.5	6.706	2116			2.3	.3			90
Wet Bulb	4423399	95933	45.4	5.671	2113		.9					90
Dew Point	2735016	72692	34.4	10.531	2113	.1	35.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23164 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-64,71 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 65							.1	.1		.1								5	5		
64/ 63					.1													2	2		
62/ 61			.	.1	.1	.1	.1											8	8		
60/ 59				.1	.3	.4		.2										16	16		
58/ 57		.1	.2	.4	.5	.5	.1	.2	.3									40	40	3	
56/ 55		.4	.4	.5	.4	.8	.5	.3	.2									64	64	8	2
54/ 53		.8	.9	.5	1.0	.9	.5	.4	.2									101	101	16	7
52/ 51	.3	1.4	.9	.8	1.4	1.4	1.0	.2	.2									147	147	53	20
50/ 49	.2	1.1	.9	1.3	1.8	2.3	1.2	.4										179	179	70	32
48/ 47	.3	1.1	1.6	1.6	2.5	2.3	.7	.3										203	203	90	41
46/ 45	.2	2.0	2.0	2.5	2.5	2.2	.4	.1										232	232	.00	67
44/ 43	.1	1.9	3.0	2.8	1.9	1.2	.4											220	220	167	71
42/ 41	.2	2.0	2.4	2.7	1.8	1.5	.1											208	208	216	95
40/ 39	.2	1.8	3.0	3.0	1.7	.5												200	200	275	111
38/ 37	.3	1.5	1.9	2.0	1.3	.1												139	139	276	105
36/ 35		1.2	.6	1.3	1.1	.1												85	85	224	149
34/ 33	.1	.9	1.0	.4	.6													56	56	192	125
32/ 31	.1	.7	.4	.4	.1													30	30	118	174
30/ 29		.2	.2	.2														11	11	90	172
28/ 27			.2	.1														5	5	26	107
26/ 25																				20	153
24/ 23			.1															1	1	7	111
22/ 21																				1	103
20/ 19																					52
18/ 17																					72
16/ 15																					54
14/ 13																					35
12/ 11																					40
10/ 9																					19
8/ 7																					18
6/ 5																					8
4/ 3																					5
2/ 1																					3
0/ -1																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-60,63-64,71 (YEARS) DEC (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.8	17.0	19.7	20.4	19.1	14.1	5.0	2.0	.8	.1								1952	1952	1952	1952

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.	7875415	117669	60.3	20.023	1952							
Dry Bulb	4000725	87465	44.8	6.467	1952		2.2					93
Wet Bulb	3042229	76159	39.0	6.025	1952		12.5					93
Dew Point	2316584	59576	30.5	10.082	1952	.0	53.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67										.0								1	1		
66/ 65					.0	.0												2	2		
64/ 63				.0	.0													2	2		
62/ 61				.1		.2	.1											8	8		
60/ 59			.0	.1	.1	.0			.1									8	8		
58/ 57		.1	.1	.1	.6		.0	.0	.1									23	23	3	
56/ 55		.5	.2	.5	.4	.4	.2	.1	.1									52	52	8	
54/ 53	.1	.6	.4	.5	.6	.5	.6	.3	.0									78	78	21	10
52/ 51	.2	.9	.9	.5	.8	.9	.6	.1	.0									108	108	41	23
50/ 49	.3	1.4	1.4	.9	1.0	1.0	.5	.2										146	146	63	34
48/ 47	.3	1.1	1.3	2.0	2.0	1.7	.3	.1										190	190	79	38
46/ 45	.1	1.7	1.5	1.9	2.8	1.3	.6	.1										217	217	95	60
44/ 43	.1	2.4	2.2	2.2	2.5	1.2	.4											239	239	134	68
42/ 41	.0	1.9	3.2	3.4	1.8	1.0	.0											248	248	205	80
40/ 39	.3	2.3	3.5	2.8	1.4	.4												232	232	225	117
38/ 37	.1	2.4	2.8	3.0	1.6	.1												220	220	304	101
36/ 35	.4	2.3	1.9	1.7	1.1													161	161	301	158
34/ 33	.1	1.9	1.5	1.0	.5													109	109	230	167
32/ 31	.2	.8	1.3	.8	.2													72	72	196	193
30/ 29	.1	1.0	.5	.3														41	41	142	187
28/ 27	.1		.3	.1														12	12	77	159
26/ 25			.1	.0														4	4	30	182
24/ 23		.0	.1															3	3	15	124
22/ 21																				5	120
20/ 19																				2	82
18/ 17																					79
16/ 15																					50
14/ 13																					41
12/ 11																					34
10/ 9																					26
8/ 7																					26
6/ 5																					7
4/ 3																					6
2/ 1																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1																					2
TOTAL	2.4	21.3	23.3	22.2	17.4	8.8	3.3	1.0	.4	.0									2176		2176
																		2176		2176	

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.	2679033	130051	63.4	19.425	2176							
Dry Bulb	4061336	92656	42.7	6.744	2176		5.6	.0				93
Wet Bulb	3164261	81839	37.6	5.299	2176		20.0					93
Dew Point	2162115	65161	29.9	9.846	2176	.1	56.4					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.1	.0													4	4		
62/ 61				.1			.0											3	3		
60/ 59		.0	.0	.0	.1	.2			.0									11	11		
58/ 57		.1	.1	.2	.3	.1	.1	.1										28	28	4	
56/ 55		.4	.3	.1	.4	.1	.1	.0	.0									38	38	9	1
54/ 53	.1	.6	.3	.4	.3	.5	.2	.1										70	70	18	18
52/ 51	.3	.8	.7	.6	.4	.9	.3	.1	.0									106	106	42	15
50/ 49	.2	1.3	1.1	.9	.9	1.2	.3	.0										159	159	68	43
48/ 47	.2	1.0	1.2	1.2	1.5	1.0	.4	.1										176	176	86	46
46/ 45	.1	1.3	1.8	2.0	1.9	1.1	.5	.1										239	240	91	61
44/ 43	.1	1.9	2.1	1.7	1.7	.9	.3											236	236	136	56
42/ 41	.3	1.9	2.9	2.9	1.9	1.0	.1											301	301	202	99
40/ 39	.2	2.2	4.4	2.8	1.6	.5	.0											314	314	265	124
38/ 37	.1	2.8	4.1	2.9	1.2	.0												300	300	319	124
36/ 35	.2	2.8	3.4	2.1	.7													248	248	381	177
34/ 33	.3	1.7	2.6	1.5	.4	.0												173	173	319	206
32/ 31	.3	1.7	1.5	1.1	.1													126	126	289	234
30/ 29	.1	1.7	1.1	.5	.0													93	93	208	258
28/ 27	.1	.5	.4	.3														34	34	135	210
26/ 25		.3	.3	.2														22	22	65	246
24/ 23		.0	.0															2	2	26	165
22/ 21		.1																3	3	15	157
20/ 19			.0															1	1	8	111
18/ 17																					97
16/ 15																				1	65
14/ 13																					50
12/ 11																					44
10/ 9																					33
8/ 7																					24
6/ 5																					9
4/ 3																					9
2/ 1																					2
0/ -1																					2
-2/ -3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEA) DEC (MONTH)

PAGE 2 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
TOTAL	2.5	23.2	28.5	21.7	13.5	7.5	2.4	.5	.1									2687	2688	2687	2687

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.	12436831	175921	65.5	18.458	2686							
Dry Bulb	4676066	110554	41.1	6.932	2688		9.7					93
Wet Bulb	3699413	98169	36.5	6.481	2687		25.9					93
Dew Point	2575600	79084	29.4	9.609	2687	.1	59.4					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
78/ 77												.0						1	1		
76/ 75									.0		.0	.0						3	3		
74/ 73										.1	.1	.1						7	7		
72/ 71							.0		.1	.1	.0	.1						10	10		
70/ 69						.0	.0	.1	.2	.1	.3	.1	.0					26	26		
68/ 67						.1	.1	.2	.2	.5	.0	.1						35	35		
66/ 65					.0	.1	.3	.4	.6	.4	.4	.0						70	70		
64/ 63				.1	.1	.3	.6	1.0	1.1	.7	.2							119	119		
62/ 61			.0	.1	.3	.7	.8	1.4	1.1	.1	.2	.0						141	141		
60/ 59			.2	.2	.5	.9	1.6	1.6	.9	.5	.0							193	193	5	
58/ 57		.2	.2	.8	1.1	1.2	1.9	1.6	.9	.3								237	237	11	
56/ 55	.1	.5	.4	.9	1.0	1.6	2.3	1.4	.4	.1								255	255	47	9
54/ 53	.0	.6	.9	1.2	1.7	2.1	1.5	1.2	.1	.0								275	275	85	20
52/ 51	.1	.5	1.1	1.5	1.8	2.3	1.9	.9	.1									300	300	151	34
50/ 49	.2	.5	1.0	2.0	2.1	2.3	1.4	.3										286	286	240	49
48/ 47		.2	1.4	1.7	2.0	1.3	1.1	.1										232	232	305	62
46/ 45	.3	.8	1.4	2.0	1.4	1.0	.5	.2										216	216	362	99
44/ 43	.0	.7	1.6	1.6	1.3	.6	.2											177	177	403	124
42/ 41	.1	.6	1.0	1.6	.8	.4												128	128	365	144
40/ 39		.4	1.1	.9	.5	.0												85	85	338	188
38/ 37		.2	1.0	.4	.2	.1												56	56	234	197
36/ 35		.3	.4	.3														31	31	170	260
34/ 33		.3	.3	.0														17	17	104	223
32/ 31		.1	.1	.0														7	7	60	293
30/ 29		.0	.0	.1														5	5	23	277
28/ 27		.1																2	2	7	179
26/ 25		.0																1	1	5	173
24/ 23																				1	144
22/ 21																					121
20/ 19																					74
18/ 17																					59
16/ 15																					70
14/ 13																					55
12/ 11																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					18
8/ 7																					13
6/ 5																					0
2/ 1																					5
0/ -1																					1
-4/ -5																					2
TOTAL	.5	6.1	12.2	15.7	15.1	15.0	14.3	10.5	5.8	3.1	1.3	.4	.0					2915	2915	2916	2915

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.	8433130	146244	50.2	19.376	2914							
Dry Bulb	8058593	151571	52.0	7.802	2915		.5	2.6	.4			93
Wet Bulb	5541473	126013	43.2	5.736	2916		3.1					93
Dew Point	3263034	93590	32.1	9.413	2915	.1	48.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
84/ 83														.0				1	1		
82/ 81														.1	.0			4	4		
80/ 79										.0	.1	.0	.2	.2	.1			17	17		
78/ 77										.0	.3	.3	.5	.0	.1			38	38		
76/ 75									.0	.1	.2	.8	.3	.3				53	53		
74/ 73									.2	.4	1.1	1.4	.8	.2				118	118		
72/ 71						.0	.0	.2	.3	.6	1.7	1.3	.3	.0				132	132		
70/ 69						.0	.1	.4	.9	1.8	1.8	1.3	.2	.0				193	193		
68/ 67				.1	.0	.1	.3	.8	2.1	2.4	1.9	.8	.1					251	251		
66/ 65				.1	.2	.5	1.1	1.4	2.5	2.1	1.4	.4						279	279		
64/ 63				.2	.4	1.1	1.2	2.2	2.7	2.0	1.0	.2						317	317		
62/ 61			.1	.1	.7	1.3	1.3	2.2	2.3	1.1	.4	.2						285	285	4	
60/ 59		.0	.1	.8	.9	1.1	2.0	2.3	1.9	.8	.1							291	291	14	2
58/ 57		.1	.3	.8	1.2	1.2	1.8	1.8	1.0	.4	.1							254	254	48	1
56/ 55	.1	.3	.4	.4	.8	1.2	1.7	1.3	.7	.1								205	205	143	14
54/ 53		.2	.2	.2	.9	1.3	.7	.7	.2									130	130	318	18
52/ 51	.1	.1	.2	.4	.9	.6	.8	.3	.0									97	97	426	28
50/ 49	.0	.3	.2	.4	.8	.4	.4	.1	.1									84	84	443	61
48/ 47		.1	.2	.6	.7	.7	.3	.0										75	75	466	69
46/ 45	.0	.2	.3	.4	.4	.3	.2											54	54	374	114
44/ 43	.0		.3	.1	.3	.0												23	23	294	132
42/ 41			.1	.1	.2													10	10	173	121
40/ 39	.0	.1			.1													6	6	111	178
38/ 37				.0	.0													2	2	68	197
36/ 35																				22	242
34/ 33																				11	270
32/ 31																				4	243
30/ 29																					237
28/ 27																					201
26/ 25																					185
24/ 23																					141
22/ 21																					107
20/ 19																					93
18/ 17																					75

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					53
14/ 13																					49
12/ 11																					23
10/ 9																					21
8/ 7																					19
6/ 5																					14
4/ 3																					4
2/ 1																					1
0/ -1																					1
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	.3	1.4	2.6	4.7	8.5	10.0	11.8	13.6	14.9	11.9	10.1	6.7	2.4	.9	.2			2919	2919	2919	2918

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4700276	105564	36.2	17.392	2919
Dry Bulb	11316771	180371	61.8	7.661	2919
Wet Bulb	6784416	140018	48.0	4.030	2919
Dew Point	3273066	93444	32.0	9.809	2918

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			25.7	7.4	.4		93
Wet Bulb		.1					93
Dew Point	.2	46.9					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83															.1			2	2		
82/ 81													.1	.1	.1	.2		8	8		
80/ 79											.1	.1	.4	.4	.1			27	27		
78/ 77										.0	.2	.3	.7	.1	.1			42	42		
76/ 75									.0	.1	.8	1.3	1.1	.4	.1			109	109		
74/ 73								.1	.1	.7	1.3	1.5	.9	.2				133	133		
72/ 71						.1	.1	.2	.2	1.1	1.9	1.9	.6	.1				175	175		
70/ 69						.1	.1	.5	1.1	2.1	1.9	1.3	.5					216	216		
68/ 67					.0	.1	.5	1.3	1.8	2.5	2.1	.7	.1					255	255		
66/ 65					.1	.2	1.1	1.5	2.5	2.8	1.1	.6	.0					278	278		
64/ 63				.0	.6	1.0	1.2	2.3	2.3	1.7	.9	.2						286	286		
62/ 61		.0	.0	.1	.7	.8	1.7	2.1	2.5	1.3	.3							271	271	6	
60/ 59		.1	.3	.7	1.2	1.2	1.7	1.9	1.5	.6	.2							260	260	16	
58/ 57		.1	.3	.4	1.1	.8	1.5	1.5	1.1	.2	.0							195	195	52	3
56/ 55	.0	.3	.4	.5	.7	.9	1.0	1.2	.4	.1								157	157	174	13
54/ 53	.1	.3	.4	.2	.8	1.0	.6	.9	.1									125	125	367	10
52/ 51	.1	.1	.3	.4	.5	.4	.6	.2	.0									72	72	401	48
50/ 49		.2	.4	.4	.3	.7	.7	.1										76	76	513	47
48/ 47		.1	.2	.3	.4	.5	.0	.0	.1									51	51	423	82
46/ 45		.2	.1	.2	.1	.2	.1											31	31	306	101
44/ 43	.0	.1	.3	.2	.0	.0												22	22	241	130
42/ 41		.1	.1	.1	.1													9	9	136	118
40/ 39		.0	.1		.1													5	5	98	181
38/ 37																				49	189
36/ 35																				13	214
34/ 33																				7	252
32/ 31																				3	212
30/ 29																					243
28/ 27																					193
26/ 25																					178
24/ 23																					145
22/ 21																					113
20/ 19																					97
18/ 17																					67

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					48
14/ 13																					32
12/ 11																					31
10/ 9																					27
8/ 7																					16
6/ 5																					7
4/ 3																					5
2/ 1																					2
0/ -1																					1
TOTAL	.3	1.7	3.0	3.5	6.7	8.2	10.9	13.9	13.8	13.2	10.9	7.9	4.3	1.3	.4	.0			2805		2805
																		2805		2805	

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.	4314295	98043	35.0	17.790	2805							
Dry Bulb	11336018	176982	63.1	7.770	2805			32.1	10.6	.8		93
Wet Bulb	6689223	136341	48.6	4.709	2805		.1					93
Dew Point	3165343	90147	32.1	9.780	2805	.0	47.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
72/ 71								.1		.2	.1							9	9		
70/ 69							.0	.0		.3	.2	.0						16	16		
68/ 67						.1	.1	.2	.5	.2	.3	.0						36	36		
66/ 65				.0	.0	.1	.2	.7	1.0	.4	.4	.1						72	72		
64/ 63				.0	.2	.5	.7	1.0	1.0	.5	.2							98	98		
62/ 61			.1	.2	.4	1.1	1.3	1.4	1.5	.5								155	155		
60/ 59		.1	.1	.4	.9	1.4	2.2	2.3	1.5	.3								222	222	2	
58/ 57		.3	.5	.7	1.2	2.1	2.3	1.8	1.0	.2								245	245	15	2
56/ 55	.1	.5	.7	1.4	1.7	2.6	2.7	1.4	.6									282	282	32	13
54/ 53	.2	.9	.7	1.7	2.0	2.7	2.6	1.7	.2									306	306	96	12
52/ 51	.1	.4	1.3	1.5	2.3	2.6	1.9	.8	.1									264	264	183	43
50/ 49	.0	.8	1.2	1.4	2.0	1.9	1.2	.2										213	213	241	51
48/ 47	.1	.5	1.5	1.2	1.3	1.7	1.0	.1										175	175	327	59
46/ 45		.7	.8	1.0	1.8	1.2	.5											143	143	363	97
44/ 43	.1	.3	.5	.8	.7	.4	.2											72	72	347	133
42/ 41		.2	.6	.5	.4	.1												46	46	285	124
40/ 39		.2	.5	.3	.2	.2												31	31	206	179
38/ 37		.0	.2	.0	.1													11	11	158	171
36/ 35	.0	.0	.0															3	3	93	210
34/ 33		.0		.1														3	3	38	198
32/ 31																				11	219
30/ 29																				3	183
28/ 27																				2	132
26/ 25																					143
24/ 23																					117
22/ 21																					86
20/ 19																					63
18/ 17																					53
16/ 15																					39
14/ 13																					30
12/ 11																					24
10/ 9																					10
8/ 7																					3
6/ 5																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS
DEC — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 6	7 8	9 10	11 - 12	13 - 14	15 16	17 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	29 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					4
2/ 1																					2
TOTAL	.6	5.1	8.9	11.3	15.3	18.6	17.0	11.7	7.5	2.5	1.2	.2						2402	2402	2402	2402

Element (X)	ΣX	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6457375	116073	48.3	18.797	2402							
Dry Bulb	7120193	129847	54.1	6.484	2402			2.4				93
Wet Bulb	4863841	107389	44.7	5.109	2402		.6					93
Dew Point	2862070	79742	33.2	9.458	2402		43.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) — WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) — 42-74 (YEARS) — DEC (MONTH)

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.0										1	1		
66/ 65						.1	.1	.1		.1								9	9		
64/ 63						.0	.0	.1	.1	.0								7	7		
62/ 61					.2	.1	.0	.2	.2	.0								18	18		
60/ 59		.0	.1	.0	.5	.8	.3	.4	.3	.0								55	55		
58/ 57		.3	.1	.3	.5	.7	.4	.4	.2									63	63	2	
56/ 55	.1	.5	.5	.9	1.1	1.1	1.1	.6	.1									126	126	15	4
54/ 53	.1	.8	1.2	.5	1.1	2.1	1.3	.6	.2									168	168	32	16
52/ 51	.3	.6	.9	1.1	1.7	2.5	1.8	.6	.3									203	203	60	19
50/ 49	.1	1.1	1.7	2.3	2.5	2.7	1.9	.7										274	274	110	32
48/ 47		1.3	1.9	2.2	2.8	2.4	1.1	.2										251	251	112	58
46/ 45		1.7	2.7	3.3	2.6	1.5	.6	.0										261	261	162	69
44/ 43	.1	1.8	2.2	2.2	2.2	1.4	.5											220	221	269	86
42/ 41	.1	1.3	1.4	2.7	1.6	1.0	.1											173	173	300	105
40/ 39	.0	1.0	1.1	1.4	1.4	.4												111	111	295	139
38/ 37	.0	.7	.9	1.1	1.0	.1												80	80	259	119
36/ 35		.8	.5	.5	.3													44	44	199	166
34/ 33		.5	.1	.2	.1													19	19	150	161
32/ 31		.0	.0	.2														6	6	76	190
30/ 29			.0															1	1	33	178
28/ 27																				12	114
26/ 25																				4	156
24/ 23																					99
22/ 21																					82
20/ 19																					68
18/ 17																					66
16/ 15																					50
14/ 13																					39
12/ 11																					33
10/ 9																					9
8/ 7																					14
6/ 5																					6
4/ 3																					9
2/ 1																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS) DEC (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.1	12.5	15.4	19.1	19.8	17.0	9.3	4.0	1.5	.2								2090	2091	2090	2090

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.	7487613	118157	56.5	19.663	2090							
Dry Bulb	4818126	99558	47.6	6.105	2091		.3	.0				93
Wet Bulb	3550439	85349	40.8	5.580	2090		5.6					93
Dew Point	2273426	65740	31.5	9.921	2090		49.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	43.7	46.9	51.8	60.2	68.1	76.4	84.1	81.9	76.4	64.9	51.1	44.8	63.1
	S D	6.414	7.214	6.494	6.934	6.763	6.386	4.675	4.544	5.905	7.164	6.752	6.467	15.598
	TOTAL OBS	1888	1660	1863	1900	2076	2017	2078	2068	1974	1962	1889	1952	23327
03-05	MEAN	41.3	44.2	48.6	56.0	63.3	71.6	80.5	78.9	72.9	61.6	48.6	42.7	59.7
	S D	6.798	7.291	6.487	6.783	6.534	6.495	4.445	4.287	6.012	7.139	6.831	6.744	15.143
	TOTAL OBS	2174	1922	2159	2182	2325	2252	2308	2336	2225	2252	2165	2176	26476
06-08	MEAN	39.9	43.3	48.7	58.1	68.2	77.3	83.3	80.6	74.4	61.8	48.1	41.1	60.8
	S D	7.158	7.238	7.049	8.051	8.095	7.413	5.083	4.962	6.902	8.014	7.123	6.932	16.949
	TOTAL OBS	2698	2397	2704	2713	2819	2721	2786	2871	2709	2806	2692	2688	32604
09-11	MEAN	50.1	55.0	61.8	71.7	81.4	89.8	92.7	90.3	87.1	75.5	61.4	52.0	72.7
	S D	7.667	8.024	8.324	8.789	7.853	6.719	5.348	5.436	6.756	8.824	8.321	7.802	16.981
	TOTAL OBS	2866	2556	2897	2889	2986	2884	2942	3044	2893	2990	2859	2915	34721
12-14	MEAN	60.0	64.2	69.4	78.6	88.0	96.4	98.7	96.6	94.0	83.4	70.5	61.8	80.4
	S D	7.783	8.110	9.013	8.199	8.149	6.840	5.504	5.457	6.793	8.794	8.340	7.661	15.955
	TOTAL OBS	2878	2572	2912	2896	2983	2879	2947	3032	2895	3003	2878	2919	34794
15-17	MEAN	62.2	66.4	71.4	80.4	90.2	99.0	101.2	98.3	95.6	84.4	71.2	63.1	82.3
	S D	8.016	8.535	9.232	9.287	7.950	6.702	5.840	5.603	6.988	8.873	8.349	7.770	16.201
	TOTAL OBS	2796	2492	2827	2810	2894	2803	2846	2932	2792	2907	2787	2805	33691
18-20	MEAN	53.8	59.1	65.2	74.4	84.4	93.6	96.8	93.7	88.4	75.5	61.4	54.1	75.6
	S D	7.075	7.803	8.729	8.892	8.188	7.291	6.384	6.238	7.039	8.222	7.283	6.484	17.130
	TOTAL OBS	2527	2237	2538	2572	2676	2594	2662	2750	2601	2650	2516	2402	30725
21-23	MEAN	46.9	51.1	56.8	65.8	74.5	83.2	89.0	86.5	81.0	68.4	54.5	47.6	68.1
	S D	6.509	6.892	6.912	7.419	6.951	6.488	5.435	5.213	6.119	7.545	6.708	6.105	16.302
	TOTAL OBS	2101	1822	2149	2188	2360	2376	2418	2436	2258	2262	2116	2091	26577
ALL HOURS	MEAN	50.4	54.5	60.0	69.0	78.1	86.7	91.3	89.0	84.4	72.8	59.2	51.6	71.1
	S. D	10.790	11.455	11.729	12.190	12.141	11.678	9.015	8.849	10.608	11.920	11.609	10.707	18.313
	TOTAL OBS	19928	17658	20049	20150	21119	20526	20987	21469	20347	20832	19902	19948	242915

USAFETAC FORM JUL 64 0-89-5 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — YEARS

HRS (L S T)		JAN.	FEB.	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.9	40.9	43.6	47.8	51.4	56.6	67.3	68.4	62.1	53.5	43.3	39.0	51.5
	S D	6.126	6.232	5.201	4.645	4.615	5.354	4.658	4.355	5.590	5.775	5.926	6.025	11.588
	TOTAL OBS	1888	1648	1861	1900	2067	2017	2075	2059	1971	1953	1886	1952	23277
03-05	MEAN	37.1	38.9	41.5	45.3	48.8	54.2	66.3	67.5	60.5	51.6	41.7	37.6	49.6
	S D	6.505	6.461	5.422	5.051	4.856	5.783	5.211	4.761	6.220	6.337	6.117	6.299	11.945
	TOTAL OBS	2174	1908	2158	2182	2315	2252	2303	2326	2221	2243	2162	2176	26420
06-08	MEAN	35.9	38.1	41.4	46.2	51.4	57.3	67.5	68.1	61.0	51.4	41.3	36.5	50.0
	S D	6.832	6.554	5.636	5.587	5.216	5.636	4.783	4.562	6.418	6.907	6.216	6.481	12.666
	TOTAL OBS	2698	2381	2704	2713	2810	2721	2784	2862	2703	2797	2688	2687	32549
09-11	MEAN	42.2	44.8	48.2	52.6	57.1	62.3	70.1	70.3	66.0	57.8	48.8	43.2	55.5
	S D	6.089	5.871	4.875	4.896	4.271	4.520	3.658	3.470	4.832	5.682	5.287	5.736	11.040
	TOTAL OBS	2866	2543	2896	2888	2979	2884	2940	3035	2893	2984	2855	2916	34679
12-14	MEAN	47.1	48.9	51.1	55.0	59.3	64.3	71.3	71.9	67.7	60.6	52.6	48.0	58.3
	S D	5.344	5.169	4.681	4.784	4.219	4.19[illegible]	3.328	3.333	4.339	5.037	4.638	4.830	9.784
	TOTAL OBS	2878	2566	2912	2894	2977	2879	2944	3024	2894	2997	2875	2919	34759
15-17	MEAN	47.9	49.7	51.6	55.5	59.8	64.9	71.5	71.9	67.6	60.7	53.0	48.6	58.7
	S. D	5.152	5.098	4.632	4.720	4.002	4.049	3.124	3.316	4.191	4.915	4.612	4.709	9.528
	TOTAL OBS	2795	2485	2825	2810	2888	2803	2844	2926	2791	2901	2784	2805	33657
18-20	MEAN	44.5	47.0	49.5	53.7	58.1	63.5	70.6	70.8	66.0	58.1	49.1	44.7	56.7
	S D	5.503	5.452	4.779	4.715	4.193	4.184	3.062	3.366	4.503	5.329	5.202	5.109	10.387
	TOTAL OBS	2526	2226	2538	2572	2667	2594	2659	2744	2599	2641	2516	2402	30684
21-23	MEAN	40.9	43.2	46.0	50.2	54.3	59.8	68.8	69.2	63.4	55.1	45.4	40.8	53.7
	S D	5.967	5.868	4.845	4.664	4.339	4.755	3.718	3.967	5.187	5.736	5.671	5.580	11.159
	TOTAL OBS	2101	1810	2149	2188	2351	2376	2415	2430	2257	2253	2113	2090	26533
ALL HOURS	MEAN	42.1	44.3	47.0	51.1	55.3	60.7	69.3	70.0	64.5	56.4	47.3	42.7	54.5
	S D	7.312	7.175	6.330	6.157	5.888	6.058	4.376	4.213	5.843	6.735	6.999	7.100	11.514
	TOTAL OBS	19926	17567	20043	20147	21054	20526	20964	21406	20329	20769	19879	18947	242557

USAFETAC FORM JUL 64 0-89-5 (OL-I)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	31.7	32.7	33.1	33.7	33.8	38.8	57.4	61.0	52.2	43.3	33.3	30.5	40.5
	S D	10.122	9.956	9.688	8.838	8.982	10.175	9.564	8.040	9.658	9.260	10.626	10.082	14.222
	TOTAL OBS	1888	1648	1861	1900	2067	2017	2075	2058	1971	1952	1886	1952	23275
03-05	MEAN	30.4	31.3	32.0	32.4	32.5	37.7	57.6	61.1	51.4	41.9	32.5	29.9	39.5
	S D	10.189	10.014	9.485	9.096	9.158	10.418	9.809	8.130	10.277	10.101	10.291	9.846	14.601
	TOTAL OBS	2174	1908	2159	2182	2315	2252	2303	2326	2221	2243	2162	2176	26421
06-08	MEAN	29.4	30.4	31.8	32.5	34.1	40.1	58.3	61.2	51.5	41.4	32.1	29.4	39.6
	S D	10.167	10.061	9.455	8.989	8.772	9.939	9.246	7.757	10.396	10.709	10.139	9.609	14.687
	TOTAL OBS	2698	2381	2704	2712	2810	2721	2785	2862	2703	2797	2688	2687	32548
09-11	MEAN	31.7	32.3	32.7	33.2	35.1	41.5	57.9	60.9	52.9	43.4	34.9	32.1	40.9
	S D	10.134	10.329	9.928	8.985	8.323	9.433	8.729	7.281	9.550	10.170	9.834	9.413	13.961
	TOTAL OBS	2866	2543	2896	2888	2979	2884	2940	3035	2893	2984	2855	2915	34678
12-14	MEAN	31.7	31.2	31.1	32.0	34.4	40.7	56.8	59.5	51.6	42.8	34.5	32.0	40.0
	S D	10.541	10.892	10.165	8.949	8.442	9.461	8.335	7.522	9.655	9.964	9.960	9.809	13.891
	TOTAL OBS	2878	2566	2912	2894	2976	2879	2944	3022	2894	2997	2876	2918	34756
15-17	MEAN	31.3	30.5	30.1	31.1	33.3	39.7	55.7	58.1	50.4	42.4	34.7	32.1	39.3
	S D	10.554	11.144	10.131	8.984	8.377	9.684	8.153	7.886	9.483	9.679	9.750	9.780	13.690
	TOTAL OBS	2795	2485	2823	2810	2888	2803	2844	2926	2791	2901	2784	2805	33655
18-20	MEAN	33.0	32.6	32.3	33.1	34.8	41.3	56.6	58.9	52.0	44.2	35.9	33.2	41.0
	S. D	10.211	10.864	9.609	8.908	8.435	9.024	7.592	7.571	8.981	9.262	9.728	9.458	13.284
	TOTAL OBS	2526	2226	2538	2572	2667	2594	2659	2743	2599	2641	2516	2402	30683
21-23	MEAN	32.5	33.0	33.0	33.5	34.6	40.8	57.5	59.9	51.7	43.5	34.4	31.5	41.0
	S D	10.225	10.603	9.684	9.014	8.710	9.476	8.242	8.058	9.752	9.547	10.531	9.921	13.829
	TOTAL OBS	2101	1810	2149	2188	2331	2376	2415	2427	2257	2253	2113	2090	26530
ALL HOURS	MEAN	31.4	31.7	31.9	32.6	34.1	40.2	57.2	60.0	51.7	42.8	34.1	31.4	40.2
	S D	10.336	10.568	9.840	9.007	8.661	9.750	8.729	7.834	9.740	9.916	10.141	9.794	14.028
	TOTAL OBS	19926	17567	20042	20146	21053	20526	20965	21399	20329	20768	19880	19945	242546

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — PERIOD
ALL — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.9	94.4	82.6	68.1	53.8	40.0	27.3	16.5	7.6	54.5	19926
FEB		99.4	88.6	74.2	58.8	44.6	31.5	19.9	10.9	3.4	48.6	175[illegible]
MAR		98.1	81.3	62.7	45.6	31.2	20.2	12.2	6.1	1.6	41.4	20031
APR		96.8	68.3	42.1	23.1	12.4	6.8	4.1	1.8	.4	31.0	20146
MAY		92.6	51.6	22.2	8.3	3.6	1.9	1.1	.5	.1	23.5	21053
JUN		93.0	48.6	17.1	5.3	2.2	1.2	.7	.3	.1	22.1	20526
JUL		99.3	83.6	55.4	32.3	17.9	9.5	5.1	2.1	.4	36.0	20962
AUG		99.8	91.5	70.9	47.7	28.9	16.0	8.8	4.1	.9	42.4	21398
SEP		99.2	83.7	58.5	34.9	19.6	10.6	6.0	3.1	.7	37.1	20329
OCT		99.3	85.0	62.9	40.1	24.1	14.7	8.6	4.5	1.1	39.5	20768
NOV		99.3	88.7	70.5	51.5	35.4	24.0	15.3	8.1	2.6	45.1	19879
DEC		99.7	93.9	81.1	65.0	49.1	34.4	22.9	12.8	4.4	51.9	19944
TOTALS		98.0	79.9	58.4	40.1	26.9	17.6	11.0	5.9	1.9	39.4	242529

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
43-74 — PERIOD
JAN — 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	100.0	99.4	96.4	86.7	74.3	59.2	42.3	27.6	15.4	65.7	1888
	03-05	100.0	99.5	97.3	89.7	77.8	63.4	46.2	31.2	16.3	67.8	2174
	06-08	100.0	99.8	97.9	91.0	79.8	66.3	48.6	29.5	13.3	68.2	2698
	09-11	99.9	97.3	86.7	68.3	50.6	34.0	21.1	10.3	3.1	52.7	2866
	12-14	99.6	85.6	58.8	36.4	21.7	11.6	6.1	3.0	1.3	37.9	2878
	15-17	99.6	79.2	49.9	29.5	16.8	9.9	5.7	3.0	1.1	34.8	2795
	18-20	100.0	95.5	80.4	62.0	43.4	26.7	15.7	8.2	2.8	48.8	2526
	21-23	100.0	99.0	93.4	80.8	66.0	48.9	32.9	19.3	7.4	60.2	2101
TOTALS		99.9	94.4	82.6	68.1	53.8	40.0	27.3	16.5	7.6	54.5	19926

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 STATION | WILLIAMS AFB ARIZONA/CHANDLER STATION NAME | 43-74 PERIOD | FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	98.4	93.6	83.0	69.0	50.4	31.6	18.7	6.3	60.6	1648
	03-05	100.0	98.9	94.9	84.8	72.3	56.1	38.1	23.5	8.2	63.2	1908
	06-08	100.0	99.4	95.2	85.0	71.8	56.0	38.2	21.5	6.0	62.9	2381
	09-11	99.8	92.7	75.3	56.3	36.9	23.1	12.4	4.5	.8	45.7	2543
	12-14	98.2	73.0	45.6	25.6	14.0	7.9	3.9	1.8	.7	32.5	2566
	15-17	97.4	64.0	36.1	20.7	12.7	7.2	4.6	2.2	.6	29.9	2485
	18-20	99.6	85.8	66.4	42.7	26.9	15.8	9.3	4.4	1.3	40.7	2226
	21-23	100.0	96.3	86.6	72.0	53.0	35.1	20.7	10.9	3.4	53.5	1810
TOTALS		99.4	88.6	74.2	58.8	44.6	31.5	19.9	10.9	3.4	48.6	17567

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-45,47-74 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	99.6	96.7	87.6	71.0	48.6	30.5	19.2	10.6	2.5	52.2	1861
	03-05	100.0	98.0	90.1	76.2	59.0	40.4	24.8	13.2	4.1	56.1	2159
	06-08	100.0	98.0	88.6	73.3	58.4	40.5	24.9	12.6	3.3	55.5	2704
	09-11	99.1	80.9	57.1	38.3	22.4	12.9	7.0	2.3	.7	37.6	2896
	12-14	95.1	59.4	33.0	16.8	8.5	5.2	2.5	1.4	.3	27.6	2907
	15-17	92.3	50.5	24.9	12.2	7.3	4.5	2.7	1.2	.2	25.0	2817
	18-20	98.5	74.7	46.5	25.7	14.1	8.5	5.2	2.5	.5	33.0	2538
	21-23	99.8	92.5	73.4	51.6	31.2	19.0	11.4	5.1	1.2	43.9	2149
TOTALS		98.1	81.3	62.7	45.6	31.2	20.2	12.2	6.1	1.6	41.4	20031

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — PERIOD
APR — 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%		50%	60%	70%	80%	90%		
APR	00-02	99.6	93.3	67.5	39.4	20.9	12.1	7.3	3.8	.9	39.9	1900
	03-05	99.8	95.5	76.9	49.6	28.3	15.0	9.7	4.0	1.0	43.6	2182
	06-08	99.9	94.3	70.5	42.1	22.4	11.8	6.7	2.5	.6	40.7	2712
	09-11	97.8	61.4	29.1	13.3	5.8	2.9	1.5	.8	.3	26.8	2888
	12-14	92.3	37.3	13.6	5.3	3.0	1.5	.9	.3	.1	20.5	2894
	15-17	88.0	30.1	9.9	4.3	2.5	1.6	1.0	.5		18.8	2810
	18-20	97.4	52.8	23.2	9.3	4.7	3.0	1.7	.7	.2	24.5	2572
	21-23	99.9	81.6	46.0	21.7	11.5	6.8	4.3	1.8	.4	32.9	2188
TOTALS		96.8	68.3	42.1	23.1	12.4	6.8	4.1	1.8	.4	31.0	20146

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 STATION | WILLIAMS AFB ARIZONA/CHANDLER STATION NAME | 42-74 PERIOD | MAY 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	99.9	78.7	38.8	14.2	6.7	3.5	2.1	.8	.1	30.0	2067
	03-05	100.0	87.3	51.9	21.7	9.4	5.3	2.6	1.5	.3	33.4	2315
	06-08	99.8	80.0	38.8	16.0	6.7	3.2	1.6	.7	.2	30.3	2810
	09-11	95.4	39.4	11.9	3.6	1.0	.5	.3	.1	.1	20.4	2979
	12-14	82.0	20.5	3.9	1.2	.7	.4	.3	.1	.1	16.2	2976
	15-17	74.3	13.9	2.6	.8	.5	.3	.2	.1	.1	14.5	2888
	18-20	90.1	31.5	7.7	2.2	1.1	.7	.5	.3	.1	18.6	2[illegible]7
	21-23	98.9	61.6	21.8	6.3	2.8	1.5	.9	.5	.0	24.9	2351
TOTALS		92.6	51.6	22.2	8.3	3.6	1.9	1.1	.5	.1	23.5	21053

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 STATION | WILLIAMS AFB ARIZONA/CHANDLER STATION NAME | 42-74 PERIOD | JUN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	99.7	76.0	27.2	8.2	3.5	2.1	1.3	.9	.1	27.3	2017
	03-05	100.0	86.8	41.0	12.6	5.0	3.0	1.9	.8	.2	30.6	2252
	06-08	99.6	76.4	30.2	9.8	3.9	2.1	1.1	.4	.0	27.9	2721
	09-11	95.4	37.1	9.5	2.9	1.0	.2	.1			20.0	2884
	12-14	83.6	18.1	4.1	1.5	.3	.1	.1			15.8	2879
	15-17	75.6	11.2	2.8	1.0	.6	.4	.2	.0		14.1	2803
	18-20	91.2	26.0	5.5	2.0	1.0	.6	.3	.1		17.7	2594
	21-23	99.2	57.4	16.1	4.7	2.1	1.4	.8	.4	.1	23.7	2376
TOTALS		93.0	48.6	17.1	5.3	2.2	1.2	.7	.3	.1	22.1	20526

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-74 — PERIOD
JUL — 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	100.0	95.9	74.8	48.3	28.5	16.5	9.2	3.6	.7	43.3	2075
	03-05	100.0	98.2	85.8	62.5	40.0	21.5	12.8	5.5	.8	48.2	2303
	06-08	100.0	96.6	80.7	58.7	33.6	16.8	8.8	3.3	.4	45.4	2784
	09-11	99.6	88.5	57.2	26.5	11.0	4.3	1.7	.5	.1	33.9	2940
	12-14	98.5	70.7	32.0	10.0	3.4	1.7	.8	.3	.1	27.1	2943
	15-17	97.1	58.8	19.1	6.9	3.2	1.7	.9	.3	.1	24.2	2843
	18-20	99.4	72.9	33.6	13.7	7.1	3.7	1.5	.7	.2	28.7	2659
	21-23	100.0	91.8	60.1	31.8	16.5	9.7	5.3	2.4	.5	37.4	2415
TOTALS		99.3	83.6	55.4	32.3	17.9	9.5	5.1	2.1	.4	36.0	20962

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 WILLIAMS AFB ARIZONA/CHANDLER 42-74 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	100.0	99.4	92.1	71.7	46.2	26.6	15.4	7.4	1.7	51.7	2058
	03-05	100.0	99.9	95.7	83.7	60.7	35.2	21.2	10.4	2.3	56.5	2326
	06-08	100.0	99.9	94.7	78.5	54.4	31.2	17.4	7.5	1.1	54.0	2862
	09-11	100.0	94.2	73.0	42.3	20.4	8.9	3.4	1.5	.5	40.0	3035
	12-14	99.7	82.6	48.1	18.2	5.7	2.5	1.2	.6	.1	31.4	3022
	15-17	98.9	73.5	33.5	11.8	4.0	2.4	1.0	.5	.2	28.2	2926
	18-20	100.0	85.7	52.2	24.6	12.9	6.0	2.9	1.2	.3	34.2	2743
	21-23	100.0	96.7	78.2	50.4	27.2	14.9	8.2	3.7	.7	43.5	2426
TOTALS		99.8	91.5	70.9	47.7	28.9	16.0	8.6	4.1	.9	42.4	21398

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	98.1	84.2	53.6	30.5	16.9	9.5	5.3	1.3	45.5	1971
	03-05	100.0	99.2	89.7	65.2	39.6	22.7	13.0	7.1	1.8	49.2	2221
	06-08	100.0	98.4	85.9	59.8	36.7	20.7	11.0	5.2	1.2	47.3	2703
	09-11	99.5	84.0	51.4	26.2	12.5	5.2	2.6	.9	.3	33.8	2893
	12-14	97.5	62.9	27.7	11.4	5.0	2.1	1.0	.5	.1	26.3	2894
	15-17	97.1	52.0	20.3	8.7	4.5	2.4	1.6	.6	.1	24.1	2791
	18-20	99.8	80.8	42.3	18.5	9.5	5.3	3.2	1.5	.3	31.5	2599
	21-23	99.7	93.8	66.2	35.5	18.3	9.4	5.9	3.5	.7	38.8	2257
TOTALS		99.2	83.7	58.5	34.9	19.6	10.6	6.0	3.1	.7	37.1	20329

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 42-74 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	99.9	98.5	88.5	60.3	36.0	22.1	13.4	7.1	1.7	48.3	1952
	03-05	100.0	99.3	89.9	67.3	43.1	27.6	16.8	9.8	3.3	51.3	2243
	06-08	100.0	98.5	87.4	64.2	42.0	26.8	16.3	9.1	2.6	50.2	2797
	09-11	99.5	82.9	51.4	28.7	16.2	9.5	5.1	1.9	.4	35.1	2984
	12-14	97.5	60.8	28.3	13.8	6.7	3.6	1.7	.7	.1	26.8	2997
	15-17	97.9	56.0	24.1	11.2	6.1	3.2	2.0	1.1	.1	25.6	2901
	18-20	99.9	87.7	54.9	28.5	14.8	8.2	3.9	1.8	.2	35.5	2641
	21-23	99.9	96.0	78.5	46.4	27.8	16.9	9.6	4.2	.6	43.4	2253
TOTALS		99.3	85.0	62.9	40.1	24.1	14.7	8.6	4.5	1.1	39.5	20768

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 STATION | WILLIAMS AFB ARIZONA/CHANDLER STATION NAME | 42-74 PERIOD | NOV 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	99.9	97.6	87.2	71.2	51.5	36.5	24.3	13.2	5.4	54.2	1886
	03-05	99.9	99.0	91.3	75.2	55.7	41.4	29.3	16.0	6.0	57.1	2162
	06-08	99.9	99.2	91.4	74.6	56.7	42.6	29.3	16.9	4.8	57.2	2688
	09-11	99.6	88.3	63.9	43.7	28.9	17.1	8.6	3.7	.7	41.0	2855
	12-14	97.7	68.1	38.7	20.5	10.2	5.7	2.9	1.5	.5	30.0	2875
	15-17	97.4	68.1	36.9	17.1	8.9	5.1	3.2	1.8	.4	29.3	2784
	18-20	99.8	92.7	70.9	45.3	26.5	14.7	7.8	3.6	1.2	41.7	2516
	21-23	99.8	96.4	83.3	64.6	44.9	28.5	16.9	7.7	1.9	50.1	2113
TOTALS		99.3	88.7	70.5	51.5	35.4	24.0	15.3	8.1	2.6	45.1	19879

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23104 STATION | WILLIAMS AFB ARIZONA/CHANDLER STATION NAME | 42-74 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	100.0	99.0	93.8	81.0	64.7	47.2	32.3	19.8	7.7	60.3	1952
	03-05	100.0	99.6	96.4	86.0	71.7	53.6	38.4	23.4	9.2	63.4	2176
	06-08	100.0	99.8	96.9	89.4	76.1	60.6	43.0	24.9	8.7	65.5	2686
	09-11	99.9	96.3	83.0	64.1	46.2	30.7	17.7	7.4	1.9	50.2	2914
	12-14	98.9	82.0	54.6	33.4	19.3	9.7	4.8	2.2	.8	36.2	2919
	15-17	98.8	79.7	49.7	29.9	17.0	9.0	5.7	2.9	1.1	35.0	2805
	18-20	100.0	96.5	82.6	60.1	40.0	25.0	15.1	6.7	2.0	48.3	2402
	21-23	100.0	98.4	91.5	76.1	57.5	39.5	26.4	15.0	3.9	56.5	2090
TOTALS		99.7	93.9	81.1	65.0	49.1	34.4	22.9	12.8	4.4	51.9	19944

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

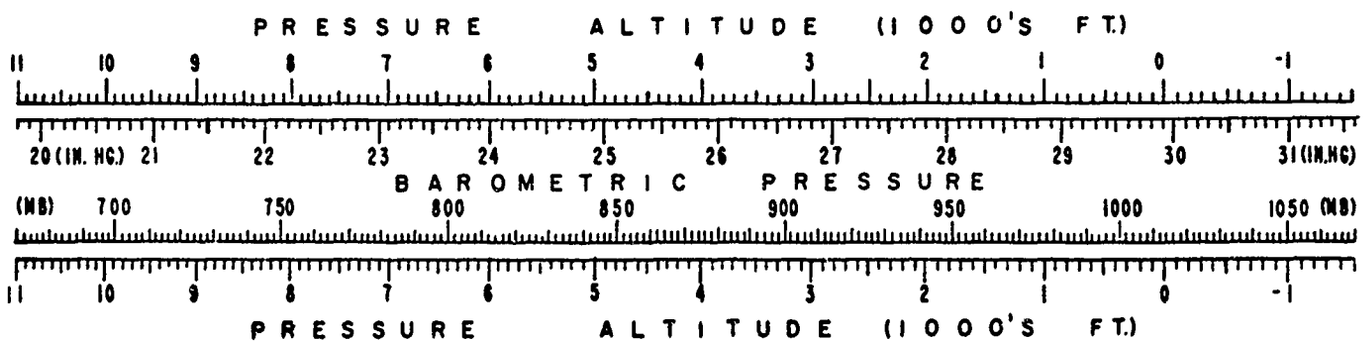
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23104 (STATION) WILLIAMS AFB ARIZONA/CHANDLER (STATION NAME) 46-63,65-74 (YEARS)

HRS (L S T)		JAN.	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT.	NOV	DEC	ANNUAL
00	MEAN	28.618	28.585	28.522	28.469	28.427	28.384	28.432	28.462	28.419	28.491	28.584	28.623	28.499
	S D	.145	.139	.160	.158	.174	.152	.131	.165	.108	.149	.129	.131	.166
	TOTAL OBS	474	412	440	458	510	490	502	541	510	502	482	496	5817
03	MEAN	28.612	28.572	28.503	28.456	28.414	28.380	28.434	28.443	28.420	28.482	28.573	28.602	28.489
	S D	.133	.128	.116	.096	.076	.072	.070	.074	.076	.099	.116	.136	.127
	TOTAL OBS	660	580	627	640	666	655	662	712	673	690	655	647	7867
06	MEAN	28.722	28.690	28.626	28.579	28.533	28.491	28.547	28.562	28.534	28.597	28.686	28.690	28.604
	S D	.309	.308	.293	.287	.277	.263	.263	.275	.276	.285	.291	.274	.293
	TOTAL OBS	758	663	725	728	764	734	750	809	759	791	757	758	8996
09	MEAN	28.777	28.736	28.668	28.608	28.551	28.506	28.566	28.590	28.565	28.637	28.720	28.754	28.639
	S D	.345	.344	.334	.327	.317	.301	.305	.318	.322	.340	.328	.337	.338
	TOTAL OBS	809	714	781	779	807	781	799	860	815	853	804	824	9626
12	MEAN	28.705	28.676	28.621	28.560	28.504	28.462	28.515	28.534	28.514	28.569	28.661	28.684	28.583
	S D.	.358	.362	.352	.339	.327	.313	.317	.327	.339	.342	.346	.351	.348
	TOTAL OBS	806	715	793	784	804	779	793	852	817	853	814	824	9634
15	MEAN	28.696	28.654	28.593	28.523	28.460	28.411	28.465	28.485	28.479	28.549	28.643	28.682	28.552
	S D	.352	.355	.359	.349	.335	.320	.331	.333	.345	.344	.338	.347	.355
	TOTAL OBS	748	671	736	731	757	725	748	803	763	785	752	742	8961
18	MEAN	28.691	28.645	28.575	28.499	28.440	28.385	28.441	28.483	28.455	28.538	28.641	28.664	28.534
	S. D	.321	.318	.317	.303	.293	.276	.282	.306	.297	.305	.303	.285	.316
	TOTAL OBS	668	585	643	661	688	672	694	763	708	721	664	624	8091
21	MEAN	28.703	28.645	28.602	28.545	28.480	28.445	28.485	28.520	28.487	28.570	28.658	28.662	28.562
	S D.	.308	.286	.312	.310	.287	.291	.267	.287	.291	.309	.288	.232	.301
	TOTAL OBS	518	444	501	518	575	583	586	619	575	560	525	517	6521
ALL HOURS	MEAN	28.696	28.657	28.595	28.535	28.481	28.437	28.490	28.514	28.489	28.559	28.651	28.676	28.563
	S D	.308	.307	.305	.296	.284	.271	.272	.285	.286	.297	.293	.288	.303
	TOTAL OBS	5441	4784	5246	5299	5571	5415	5534	5959	5620	5755	5453	5432	65513

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23104 — STATION
WILLIAMS AFB ARIZONA/CHANDLER — STATION NAME
42-61,63-71 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1017.8	1016.2	1013.5	1011.0	1008.8	1007.0	1008.8	1009.4	1008.9	1011.9	1015.9	1017.9	1012.1
	S D	4.870	4.826	4.127	3.536	2.735	2.508	2.508	2.220	2.618	3.458	4.204	4.706	5.194
	TOTAL OBS	628	553	589	600	682	660	681	682	656	650	629	650	7660
03	MEAN	1017.8	1016.2	1013.6	1011.5	1009.5	1007.9	1009.6	1009.8	1009.4	1012.3	1016.1	1017.7	1012.5
	S D	4.854	4.838	4.297	3.536	2.751	2.495	2.349	2.154	2.646	3.553	4.237	4.889	4.998
	TOTAL OBS	749	664	717	709	785	767	786	793	777	779	745	741	9012
06	MEAN	1019.1	1017.5	1015.0	1013.0	1010.9	1009.2	1011.0	1011.3	1010.9	1013.8	1017.5	1019.0	1013.9
	S D	4.910	4.924	4.414	3.604	2.856	2.521	2.313	2.155	2.650	3.671	4.276	5.023	5.035
	TOTAL OBS	774	681	741	731	815	790	811	818	801	808	777	804	9351
09	MEAN	1019.8	1018.0	1015.3	1012.9	1010.6	1008.9	1010.7	1011.1	1010.7	1013.6	1017.5	1019.4	1014.0
	S D	4.724	4.724	4.280	3.573	2.895	2.572	2.284	2.156	2.634	3.597	4.150	4.960	5.172
	TOTAL OBS	793	703	765	750	829	809	824	834	824	831	796	821	9579
12	MEAN	1017.0	1015.5	1013.2	1011.0	1008.7	1007.1	1008.7	1009.1	1008.5	1011.3	1014.9	1016.6	1011.7
	S. D	4.598	4.578	4.144	3.578	3.028	2.629	2.304	2.235	2.699	3.552	4.019	4.763	4.922
	TOTAL OBS	792	704	767	748	826	806	828	836	825	834	795	822	9583
15	MEAN	1016.6	1014.6	1011.9	1009.4	1007.0	1005.2	1006.6	1007.1	1007.1	1010.4	1014.4	1016.4	1010.5
	S D	4.572	4.613	4.135	3.685	2.961	2.685	2.338	2.225	2.765	3.634	3.995	4.673	5.333
	TOTAL OBS	748	670	722	710	791	767	790	790	776	781	753	750	9048
18	MEAN	1017.6	1015.4	1012.6	1009.8	1007.2	1005.3	1007.0	1007.7	1007.7	1011.3	1015.5	1017.6	1011.1
	S. D.	4.746	4.650	4.150	3.702	2.944	2.633	2.541	2.354	2.798	3.658	3.992	4.654	5.561
	TOTAL OBS	718	631	687	692	769	761	771	781	764	768	722	719	8782
21	MEAN	1018.0	1016.1	1013.4	1010.9	1008.6	1006.8	1008.6	1009.2	1008.6	1011.9	1016.0	1018.1	1012.0
	S D	4.804	4.784	4.051	3.580	2.837	2.555	2.641	2.366	2.691	3.483	4.159	4.690	5.298
	TOTAL OBS	629	552	602	613	700	695	711	700	675	658	634	651	7820
ALL HOURS	MEAN	1018.0	1016.2	1013.6	1011.2	1008.9	1007.2	1008.9	1009.4	1009.0	1012.1	1016.0	1017.8	1012.3
	S. D	4.861	4.856	4.346	3.799	3.169	2.931	2.830	2.631	2.972	3.749	4.262	4.902	5.322
	TOTAL OBS	5831	5158	5590	5553	6197	6055	6202	6234	6098	6109	5851	5958	70836

USAFETAC FORM JUL 64 0-89-5 (OL-1)